The University of North Texas System Board of Regents will convene a Special Called meeting by telephone according to the following agenda. It is necessary to conduct this special meeting by telephone because it was not possible to convene a quorum in one place in a timely manner and discussion of the agenda matters are of sufficient urgency to be considered prior to the next regularly scheduled meeting of the Board on November 16-17, 2017.

1. **Call to Order**

2. **Identification of Participants**

3. **Action Item**

   **UNTHSC**  Approval to Add the UNT Health Science Center Doctoral Program in Medicine

4. **Adjournment**
Title: Approval to Add the UNT Health Science Center Doctoral Program in Medicine

Background:

In July of 2015, the UNTHSC and Texas Christian University (TCU) announced plans to collaboratively develop an allopathic medical school. The partnership builds on the strengths of the UNTHSC’s well-established osteopathic medical school and the strengths of TCU in liberal arts. The new medical school will address the growing statewide shortage of physicians and drive innovation in medical education, research and healthcare. Planning was initiated in the fall of 2015 with the creation of nine committees that included members from UNTHSC and TCU. In the spring of 2016, Dr. Stuart Flynn was hired as Founding Dean. Dr. Flynn recruited a leadership team to continue the development of the program.

At this time, the TCU and UNTHSC School of Medicine is a school within the organizational structure of TCU. The current structure is described in detail in the Amended and Restated Collaboration Agreement approved by the UNT System Board of Regents on September 30, 2017. In order to realize the vision of a joint TCU-UNTHSC Doctor of Medicine (MD) degree, TCU will seek approval from the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) and UNTHSC will work to gain approval by the Texas Higher Education Coordinating Board (THECB) and then SACSCOC. The Vision Statement and Agreement between TCU and the UNTHSC, approved September 30, 2017, describes the collaboration to offer a joint MD degree.

Allopathic medical schools are accredited by the Liaison Committee on Medical Education (LCME). Students must participate in accredited medical education programs to qualify to take the United States Medical Licensing Examination and to participate in an accredited residency program. The first step in achieving accreditation is to submit a Preliminary Data Collection Instrument (DCI) and a Preliminary Accreditation Self Study. These materials will be submitted in early November, 2017. Additional steps include seeking provisional accreditation after classes have begun, and full accreditation that focuses on the entire four-year curriculum.

The proposal describes the progress to date in the development of the School of Medicine, including the following:

- A strategic plan that aligns with the UNTHSC and TCU strategic plans
- Student recruitment and admissions processes, including strategies to recruit and retain a diverse student body
- Development of a curriculum with educational objectives, degree requirements, integrated clinical experiences, and a plan for program evaluation
- Recruitment of core and support faculty
- Development of academic resources to include library services, space and equipment
- Affiliation agreements with 12 hospitals
Financial Analysis/History:

The annual budget in FY 2018 is $28.4M increasing to $39.3M, in FY 2022, of which the UNTHSC will provide $5.4M per year in-kind contributions of $1M for staff salaries and $4.4M for equipment and facilities. Tuition and fees plus TCU endowment earnings will fund most of these expenses. TCU has agreed to provide funding for any remaining deficits.

Legal Review:

This item has been reviewed by General Counsel.

Schedule:

Accreditation dates in the following schedule are anticipated:

- October, 2018 – Receive preliminary accreditation and begin recruitment of students for initial class
- Summer, 2019 – First class matriculates
- October, 2020 – Receive provisional accreditation
- February, 2023 – Receive full accreditation
- May, 2023 – Graduation of first class

Recommendation:

The UNTHSC President recommends, with concurrence of the UNT System Chancellor and UNT System Vice Chancellor for Academic Affairs and Student Success, that the UNT System Board of Regents approve the request to submit the proposal for a new doctoral program in Medicine to the Texas Higher Education Coordinating Board.

Recommended By: Claire Peel
Attachments Filed Electronically:

- Proposal to the THECB for a New Doctoral Program in Medicine
Title: Approval to Add the UNT Health Science Center Doctoral Program in Medicine

At an official meeting of the Board of Regents of the University of North Texas System properly posted and held on November 16-17, 2017, pursuant to a motion made by Regent and seconded by Regent, the Board approved the motion presented below:

Whereas, pending THECB and SACSCOC approval, the UNTHSC plans to offer a joint degree program with Texas Christian University (TCU) leading to a Doctor of Medicine (MD) degree with students beginning in 2019 and the first class graduating in 2023, and

Whereas, the TCU-UNTHSC School of Medicine will drive innovation in medical education, increase research and advance the delivery of healthcare, and

Whereas, the new medical school will address the statewide shortage of physicians and will have significant economic impact on Fort Worth and the surrounding area, and

Whereas, the TCU-UNTHSC School of Medicine will be a valuable addition to professional programs currently offered at TCU and the UNTHSC, and will enhance students' interprofessional education experiences,

Now, Therefore, The Board of Regents authorizes and approves the following:

1. Request for approval to submit the proposal for a new doctoral program in Medicine to the Texas Higher Education Coordinating Board.

VOTE: _____ ayes _____ nays _____ abstentions

BOARD ACTION:

Attested By: Approved By:

_________________________ _______________________
Rosemary R. Haggett, Secretary Brint Ryan, Chairman
Board of Regents Board of Regents
Proposal to THECB for a New Doctoral Program in Medicine
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Proposal for a New Doctoral Program

Directions: Texas public universities and health-related institutions complete this form to propose a new doctoral degree program. This form requires signatures of (1) the Chief Executive Officer, certifying adequacy of funding for the new program; (2) the Chief Executive Officer, acknowledging agreement to reimburse consultants’ costs; (3) a member of the Board of Regents (or designee), certifying Board of Regents approval for Coordinating Board consideration; or, if applicable, (4) a member of the Board of Regents (or designee), certifying that criteria have been met for Commissioner consideration. Additional information and instructions are available in the Guidelines for Institutions Submitting Proposals for New Doctoral Programs found on the Coordinating Board web site, www.thecb.state.tx.us/newprograms. Institutions should also refer to Texas Administrative Code (TAC), Title 19, Chapter 5, Subchapter C, 5.46, Criteria for New Doctoral Programs.

Note: An institution must submit Planning Notification prior to submitting a proposal for a new doctoral program. An institution is considered by the Board to be planning for a new doctoral program if it takes any action that leads to the preparation of a proposal for a new program. This includes hiring personnel, including consultants and planning deans, leasing and/or purchasing real estate, building facilities, and/or developing curriculum. Planning Notification must be submitted at least one year prior to submission of a proposal to offer the degree, if the proposed program leads to the award of a professional degree, as defined by Texas Education Code 61.306. Institutions submit Planning Notification through the online submission portal, as a letter to the Assistant Commissioner of the Academic Division of Academic Quality and Workforce.

Information: Contact the Division of Academic Quality and Workforce at 512-427-6200.

Administrative Information

1. Institution Name and Coordinating Board Accountability Group:
   The University of North Texas Health Science Center (UNTHSC) in collaboration with Texas Christian University (TCU): TCU and UNTHSC School of Medicine.

2. Proposed Program:
   Show how the program would appear on the Coordinating Board’s Program inventory (e.g., Doctor of Philosophy in Electrical Engineering).

   Doctor of Medicine (M.D.)

3. Proposed CIP Code:
   List of CIP Codes may be accessed online at www.txhigherreddata.org. Include justification if the proposed program title is not already included in the Texas Classification of Instructional Programs.

   51.1201.0

4. Location and Delivery of the Proposed Program:
   Provide the location of instruction and how the proposed program will be delivered to students (e.g. face-to-face to students on the main campus in Lubbock).
Face-to-face to students on the University of North Texas Health Science Center campus in Fort Worth with some simulation, communication exercises and small group sessions taking place at Texas Christian University in Fort Worth. Clinical experiences and training throughout Fort Worth and surrounding areas in hospitals, clinics and other healthcare facilities.

5. Administrative Unit:
Identify where the program would fit within the organizational structure of the institution (e.g., The Department of Electrical Engineering within the College of Engineering).

At the time of this application, the TCU and UNTHSC School of Medicine is a school within the organizational and academic structure of Texas Christian University. The current structure is described in detail in the Amended and Restated Collaboration Agreement approved September 30, 2017 found in Appendix F of this submission. Upon approval for degree granting authority for the MD degree by the Texas Higher Education Coordinating Board, approval by the Liaison Committee on Medical Education (LCME), and approval from SACSCOC to award a joint degree, the TCU and UNTHSC School of Medicine will be governed by TCU and the UNTHSC. A description of the collaboration between TCU and the UNTHSC to offer a joint degree is described in the Vision Statement and Agreement between Texas Christian University and the University of North Texas Health Science Center, approved September 30, 2017 found in Appendix F of this submission.

6. Program Description:
Describe the program and the educational objectives.

In July 2015, the UNTHSC and TCU announced plans to develop collaboratively an allopathic medical school. The partnership builds on the strengths of UNTHSC’s well-recognized osteopathic medical school, and the strengths of TCU in liberal arts. Planning was initiated in the fall of 2015 by several committees with membership from faculty and staff from UNTHSC and TCU. In spring of 2016, Dr. Stuart Flynn was hired as the Founding Dean. Shortly thereafter, Dr. Flynn recruited a leadership team to continue the development of the program.

The initial educational objectives were drafted in March 2016 by the MD School Management Curriculum Subcommittee. In November 2016, the initial educational objectives were compared with the competencies outlined in the Association of American Medical Colleges (AAMC) Physician Competency Reference Set (PCRS), a list of common learner expectations utilized in the training of physicians and other health professionals, and the entrustable behaviors identified in the Curriculum Developer’s Guide within the AAMC Core Entrustable Professional Activities for Entering Residency (CEPAER), guidelines describing what all medical students should be able to perform upon entering residency, regardless of their future career specialty. This led to the identification of seven competency domains: Patient-Centered Care, Medical Knowledge, Communication and Collaboration, Professionalism, Critical Appraisal and Life-long Learning, Systems, Safety, Service and Society, and Personal and Professional Formation. Within the seven competency domains, forty Educational Program Objectives were identified and are listed below.

**Patient-Centered Care**
1. Elicit an accurate, comprehensive and problem-focused history and perform a thorough, problem-focused physical examination
2. Perform appropriate screening and diagnostic procedures for maintaining and improving patient health
3. Accurately interpret clinical, laboratory, and diagnostic data and take necessary next steps
4. Reason deductively to develop a comprehensive and practical differential diagnosis
5. Develop effective intervention and management plans using evidence-based principles that optimize patient safety
6. Participate in collaborative team-based care and shared decision making activities to provide patient-centered care within an integrated delivery model

**Medical Knowledge**
Apply established and emerging principles of:
1. Social-behavioral science to the provision of patient care, including assessment of the impact of psychosocial-cultural influences on health and disease
2. Biophysical science to the health care for patients and populations
3. Clinical science to diagnostic and therapeutic decision making, clinical problem solving, and other aspects of evidence-based health care
4. Epidemiological science to the identification of health problems, risk factors, treatment strategies, resources, and disease prevention/health promotion efforts for patients and populations

**Communication and Collaboration**
1. Communicate effectively and in a timely manner using empathetic verbal and non-verbal communication
2. Recognize emotional cues and address difficult situations with care and respect
3. Provide accurate and relevant documentation
4. Engage others by asking relevant questions, and overcome barriers in an effective manner
5. Collaborate with team members, patients, and community in a manner that fosters receptivity and inclusiveness
6. Recognize other team members' roles and maintain and promote mutual respect

**Professionalism**
1. Demonstrate compassion, respect, and sensitivity in all interactions
2. Demonstrate trustworthiness (honesty, integrity, and accountability) in all interactions
3. Use ethical judgment to maintain privacy, confidentiality, and support of legal requirements
4. Model the promotion of reassurance and empathy within the patient-centered team
5. Demonstrate responsiveness to the needs of patients and society that supersede self-interests
6. Acknowledge and avoid conflicts of interest within the health care environment that adversely affect patient care outcomes

**Critical Appraisal and Life-long Learning**
1. Identify strengths and limitations to constructively evaluate one’s own progress
2. Effectively utilize technology to optimize the practice of evidence-based medicine
3. Model and engage others about life-long learning opportunities
4. Provide and elicit feedback in a constructive manner to support quality improvement practices
5. Critically appraise and evaluate information to support innovations in patient-centered care (EBM)
6. Apply health care needs of diverse individuals to populations and communities

**Systems, Safety, Service, and Society**
1. Apply principles of patient safety and quality improvement to prevent adverse events and improve health care outcomes using an integrated approach
2. Examine structure, cost, and resources in the provision of care
3. Evaluate risk, benefits, and system changes to deliver optimal care
4. Identify safety precautions, follow proper protocols, and report errors in a timely manner
5. Advocate for quality of care for individuals and populations
6. Evaluate the effect of social and cultural determinants of health on the use of health care services and integrate this knowledge into the care of patients

**Personal and Professional Formation**

1. Use researched practices to promote and balance personal wellness and disease prevention
2. Manage conflict and acknowledge personal and professional boundaries
3. Practice reflection and self-awareness, and establish self-improvement goals
4. Recognize ambiguity and exercise situational judgment in stressful situations
5. Engage in leadership activities as an active member of the medical profession to improve health within the community
6. Take responsibility for all actions and seek help to develop a corrective action plan

7. Proposed Implementation Date:
   Include the first year and semester that students would enter the proposed program.

   Summer 2019

8. Institutional and Department Contacts:
   Provide contact information for the person(s) responsible for addressing any questions related to the proposal.

   1. Name: Claire Peel, PT, PhD, FAPTA
      Title: Interim Provost, UNTHSC
      E-mail: Claire.Peel@unthsc.edu
      Phone: 817.735.2752

   2. Name: Jacque Chadwick, MD
      Title: Vice Dean for Educational Affairs and Accreditation, TCU and UNTHSC School of Medicine
      E-mail: Jacqueline.Chadwick@fwmdschool.org
      Phone: 817-735-2395
I. Need

A. Job Market Need

Provide short- and long-term evidence of the need for graduates in the Texas and US job markets. Common sources for workforce need and workforce projections include the Bureau of Labor Statistics, the Texas Workforce Commission, and professional associations. If the program is designed to address particular regional or state needs in addition to workforce demands, provide a detailed description.

The need for physicians in Texas and nationally to oversee and provide health care services remains high and is expected to grow over the next several decades. In Texas generally, and in North Texas specifically, the increased need for physicians is a function of rapid population growth across age groups, as well as rising rates of health conditions such as obesity and associated diseases such as diabetes, hypertension, heart disease, and cancer. Nationally, health care reform, an overall physician shortage, and an aging population are principal drivers of this demand.

Merritt Hawkins, a national physician search and consulting firm and a company of AMN Healthcare was commissioned by the North Texas Regional Extension Center (NTREC) in 2015 to complete a physician demographic study entitled The Physician Workforce in Texas: An Examination of Physician Distribution, Access, Demographics, Affiliations, and Practice Patterns in Texas’ 254 Counties. Key findings from that study regarding the characteristics of the physician workforce in Texas include:

- Approximately 63,000 licensed physicians reside in Texas. Of these, 46,953 are in active patient care and this is considered the net physician workforce in the state. They serve a population of 26,448,193 Texas residents.
- It would require 12,819 additional physicians to bring Texas in line with the national average of physicians per 100,000 population.
- 35 Texas counties have no physicians of any kind.
- 80 Texas counties have five or fewer physicians.
- 147 Texas counties have no obstetrician/gynecologist.
- 185 Texas counties have no general psychiatrist.
- 158 Texas counties have no general surgeon.
- Smaller counties of 40,000 people or less are home to 2,264,257 Texans (8.6% of the state’s population), but only 1,170 physicians (2.5% of the total workforce) practice in these counties.
- Emerging practice patterns and practice choices among Texas physicians are likely to erode access to physician services in the state, as 45% of Texas physicians plan to accelerate their retirement plans, 19% plan to cut back on hours, 9% plan to switch to concierge practice, and 6.4% plan to work part-time.
- Texas physicians have little capacity to take on extra work or see more patients. Over 78% of Texas physicians indicate they now are at full capacity or are overworked and overextended.
- Nationally, there are 80.7 PCPs per 100,000 population. In Texas, there are 63.3 PCPs per 100,000 population.
- 39% of physicians in Texas are 55 years old and older, compared to 42% nationally, and 24% are 60 and older, compared to 28% nationally. Nevertheless, 39% of the total represents 18,311 physicians in Texas who are 55 or older, many of whom are likely to retire sometime in the next ten years.

With respect to projected physician growth, the Merritt Hawkins study concluded:
By 2019, the general population in Texas is projected to increase from 26,448,193 to 29,244,491, a growth rate of 11%. If the physician workforce in Texas continues to grow at the rate it has during the previous five years (17%), it will total approximately 54,935 physicians by 2019. At that point, the ratio of physicians in the state will increase from 183 per 100,000 population to 188 per 100,000 population, still trailing the current national average and the average in 40 states.

The growing and aging Texas population will have an effect on the demand for physicians, as Merritt Hawkins found:
Texas experienced a population growth of 8 million people from 1990 to 2010 and led the nation in population growth in both the 2000 and 2010 census. The population will grow by 5 million more people by 2020, according to the U.S. Census Bureau. In addition, there are over 2.9 million Texans who now are 65 years old or older and who are Medicare eligible, while 5.7 million baby boomers in the state started to become eligible for Medicare in 2011. Additionally, over 11% of the state’s population is composed of people 65 or older who are Medicare eligible.

The Merritt Hawkins report also stated that while the Affordable Care Act has increased insurance coverage in some areas of the state, it has increased the ranks of the uninsured in other parts of the state. Texas chose not to expand Medicaid through the ACA. If Texas had expanded Medicaid, an additional 1.2 million uninsured people would be able to gain coverage.

The Texas Department of State Health Services (DSHS), in its July 2016 report entitled, “The Graduate Medical Education System and Physician Supply in Texas,” noted several findings. For the country at-large, it is estimated that there are between 226 and 250 physicians per 100,000 people. By comparison, in 2015, DSHS estimated that Texas had 177 physicians per 100,000. By 2019, it is estimated that current interceptive actions will increase the ratio of physicians per 100,000 population by roughly 3 percent. Although current efforts are already helping alleviate the shortage of physicians in Texas, shortages are expected to persist. Texas currently trails the nation in physician supply and shortages can be particularly acute in rural areas. For example, the five most populated counties in Texas account for 43 percent of the population and 57 percent of the physician workforce. Moreover, the 175 counties with populations less than 40,000 people account for 8 percent of the population, but only 3 percent of the physician workforce.

The impact of federal health care reform on the need for physicians, while uncertain, strongly suggests that demand will exceed projected supply. The following paragraphs and table from, “The Impact of Health Care Reform on the Future Supply and Demand for Physicians Updated Projections Through 2025,” report published in June 2010 by the Association of American Medical Colleges illustrate the increased demand for physician supply.

Health care reform, the Patient Protection and Accountable Care Act, (PPACA) signed into law in March 2010 is expected to make health insurance coverage available to more than 30 million previously uninsured Americans. It will also improve coverage and access to care for many others. Questions have been raised as to whether there will be a sufficient supply of physicians and other health professionals to serve the nation, especially in light of concerns that the nation was facing potentially significant shortages even before health care reform.

The report concluded that the nation was likely to face a significant shortage of physicians in the future under a variety of scenarios. While the report included a scenario of universal coverage, that scenario does not adequately reflect the final
PPACA provisions. Therefore, in order to assess the potential impact of the PPACA on the expected shortage, the AAMC Center for Workforce Studies, working with the Lewin Group (who assisted AAMC on the development of the original projections) has updated the 2008 projections to reflect the actual PPACA provisions, and also incorporated more recent physician supply and utilization data and updated population projections. Based on these revisions, under our most plausible scenario, described below, we project an overall shortage of 91,500 and 130,600 active patient care physicians in 2020 and 2025 respectively, and a primary care shortage of 45,400 and 65,800 physicians in 2020 and 2025, as indicated in the table below.

### Projected Supply and Demand

<table>
<thead>
<tr>
<th>Year</th>
<th>Supply All Specialties</th>
<th>Demand All Specialties</th>
<th>Shortage All Specialties</th>
<th>Shortage Primary Care</th>
<th>Shortage Non-Primary Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>699,100</td>
<td>706,500</td>
<td>7,400</td>
<td>7,400</td>
<td>0</td>
</tr>
<tr>
<td>2010</td>
<td>709,700</td>
<td>723,400</td>
<td>13,700</td>
<td>9,000</td>
<td>4,700</td>
</tr>
<tr>
<td>2015</td>
<td>735,600</td>
<td>798,500</td>
<td>62,900</td>
<td>29,800</td>
<td>33,100</td>
</tr>
<tr>
<td>2020</td>
<td>759,800</td>
<td>851,300</td>
<td>91,500</td>
<td>45,400</td>
<td>46,100</td>
</tr>
<tr>
<td>2025</td>
<td>785,400</td>
<td>916,000</td>
<td>130,600</td>
<td>65,800</td>
<td>64,800</td>
</tr>
</tbody>
</table>

State-specific physician workforce data is updated annually by the Association of American Medical Colleges (AAMC) and the most current data reported by the AAMC in the 2015 State Physician Workforce Data Book shows Texas ranked among the highest in retention rates for trainees and among the lowest ranked states in physician workforce as summarized in the tables below. Texas ranks second nationally in physicians retained from undergraduate medical education (UME) (59.7% stay in Texas to practice) and fifth nationally in physicians retained from graduate medical education (GME) (58.2% stay in to practice). Moreover, when physicians completed both UME and GME training in Texas, over 80% stay in the state of Texas to practice. However, Texas continues to rank among the lowest nationally in ratios of patient care physicians and primary care physicians per capita. Increasing the physician workforce in Texas, therefore, requires filling the educational pipeline.

### Physician Retention

<table>
<thead>
<tr>
<th>From UME Programs</th>
<th>From GME Programs</th>
<th>Combined UME/GME</th>
</tr>
</thead>
<tbody>
<tr>
<td>California 62.7%</td>
<td>California 69.8%</td>
<td>Hawaii 86.3%</td>
</tr>
<tr>
<td>Texas 59.7%</td>
<td>Alaska 67.6%</td>
<td>Arkansas 81.1%</td>
</tr>
<tr>
<td>Arkansas 58.9%</td>
<td>Montana 61.9%</td>
<td>Texas 80.6%</td>
</tr>
<tr>
<td>Mississippi 54.2%</td>
<td>Florida 58.6%</td>
<td>California 80.4%</td>
</tr>
<tr>
<td>Hawaii 53.0%</td>
<td>Texas 58.2%</td>
<td>Florida 79.1%</td>
</tr>
<tr>
<td>National Median 38.7%</td>
<td>National Median 47.2%</td>
<td>National Median 66.8%</td>
</tr>
</tbody>
</table>

### Texas’ Physician Workforce

<table>
<thead>
<tr>
<th>(per 100,000 population)</th>
<th>Texas Average</th>
<th>National Average</th>
<th>National Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Patient Care Physicians</td>
<td>190.8</td>
<td>225.6</td>
<td>42</td>
</tr>
</tbody>
</table>
According to the Texas Office of the State Demographer, the Dallas-Fort Worth-Arlington MSA had a 2016 population of 7.1 million with a 11.3% population growth rate from 2010-2016 and expects to nearly double in population by 2050.

The population of Fort Worth and North Texas, like certain other regions of the state and nation, includes communities with unmet needs in health care. The 2017 Texas Medical Association's report entitled, “Quick Statistics on the Uninsured in Texas and the U.S,” states that roughly 22% of Texans age 19-64 are uninsured and that rate continues to rise. Physicians in training and teaching hospitals see a high proportion of the uninsured and underinsured populations. Engaging the uninsured population, and all underserved populations, is a critical scientific and social task for many medical schools in Texas. The TCU and UNTHSC School of Medicine, in particular, is well-positioned to contribute through a multi-pronged, sustainable commitment to community engagement, expanded local access to healthcare and health care providers, new models of service-learning involving inter-professional teams, community and university-based research, and scientific, managerial, public policy innovation in the Dallas-Fort Worth-Arlington metropolitan statistical area (MSA) and the North Texas community. UNTHSC brings to the establishment of an allopathic doctoral program in medicine nearly 50 years of innovative research, impassioned scholarship, and commitment to serve the people of Texas and the nation. This foundation presents a firm anchor in the partnership with TCU for interdisciplinary achievement that can help solve some of the most urgent, difficult problems in health care with a rare opportunity to bring fresh eyes to longstanding challenges.

### B. Existing Programs

Identify the existing programs and their locations in Texas. Provide enrollments and graduates of these programs for the last five years, and explain how the proposed program would not unnecessarily duplicate existing or similar programs in Texas. Provide evidence that existing Texas programs are at or near capacity and describe how the existing programs are not meeting current workforce needs. Provide the job placement of existing Texas programs. Provide information about the number of existing programs nationally.

Twelve medical schools in Texas offer doctoral programs in medicine, ten of which are allopathic medical school. There are limited growth opportunities at existing programs in the state and even with projected increases in enrollment rates, the state of Texas will still fall short in its ability to supply an adequate number of physicians to its population. The most current data reported in the AAMC publication entitled The 2015 State Physician Workforce Data Book shows the ratio of physicians per 100,000 in Texas is 190.8 with the national average at 225.6, ranking Texas 42 of 50 states. The most recent enrollment and graduation data for Texas medical schools is included in the table below.
The TCU and UNTHSC School of Medicine is uniquely positioned to serve the Dallas-Fort Worth-Arlington MSA and North Texas community with its resources and clinical partnerships. The School’s doctoral program in medicine would not unnecessarily duplicate similar programs in Texas as none of the ten allopathic medical schools are based in Fort Worth and only one allopathic school, UT Southwestern, has a presence in the Metroplex Higher Education Region (Region 3).

As of September 2017, nationally, there are 138 fully accredited allopathic medical schools and 34 fully accredited osteopathic medical schools. This new program presents a unique opportunity to achieve prominence by educating the next generation of expert clinicians, medical leaders, and innovators to meet the changing needs of the profession and the public. Doctoral programs in medicine that successfully bridge the large gap between an individualistic, cost-insensitive training model and the pressing demands of communities, states, and the nation and affordable, high-performance, team-based medical care and improved population health will attain distinction.

C. Student Demand

Provide short- and long-term evidence of student demand for the proposed program. Types of data commonly used to demonstrate this include increased enrollment in related and feeder programs at the institution, high enrollment in similar programs at other institutions, qualified applicants rejected at similar programs in the state, and student surveys. Provide documentation that qualified applicants are leaving Texas for similar programs in other states.

Admission into allopathic medical school programs in the United States continues to be a highly competitive process with more than 53,000 aspiring allopathic medical students applying for fewer than 23,000 entering seats in 2016. According to the Association of American Medical Colleges, 4,531 aspiring allopathic medical students whose legal state of
In 2016, 1,697 students from Texas applied to allopathic medical schools, a 6.5% increase from the previous year. Of those applying, 1,697 were accepted, yielding a 37% acceptance rate. It is reasonable to expect that student demand for admission into medical school programs in Texas will remain high and that the applicant pool will remain strong in the future. The 2019 charter class will have 60 student positions; the new program will allow for additional placement opportunities for many qualified applicants.

**D. Student Recruitment**

Describe recruitment efforts specific to the proposed program, including plans to recruit and retain students from underrepresented groups.

The TCU and UNTHSC School of Medicine recruitment efforts would begin when appropriate accreditation approvals are in place.

The dissemination of printed material will be made available to potential applicants, career advisors, and/or the public during open houses, regional and national recruitment fairs, local college and university presentations/campus visits, and by request. The TCU and UNTHSC SOM website will include substantial electronic-based information and recruitment materials including pamphlets, newsletters, and video stories about the medical education program. The TCU and UNTHSC public websites will include a link to the SOM’s public website. Lastly, the TCU and UNTHSC SOM Office of Admissions and Outreach will create and maintain quarterly electronic communication with local, regional, and national pre-health advisors to share relevant information regarding admissions process, application deadlines, and recruitment activities.

Initial applications will be accepted through the Association of American Medical College’s national application service, American Medical College Application Services (AMCAS). The TCU and UNTHSC SOM Office of Admissions and Outreach will utilize an application management program software (AMP) to administer each step of the admissions process. Upon receipt of the AMCAS application, the Office of Admissions and Outreach will send each applicant an email message that will include their unique login and password for AMP, application deadlines, and the contact information for the TCU and UNTHSC SOM Office of Admissions and Outreach.

The TCU and UNTHSC School of Medicine (SOM) Medical Student Selection Policy outlines the holistic admission procedures that give equal and balanced consideration to the academic, experiences, and attributes of applicants as a means by which selections support the educational and diversity missions of recruiting a talented and diverse student body.

1. **Preliminary screening for applicants to receive the secondary/supplementary application**

The TCU and UNTHSC SOM Office of Admissions and Outreach staff will conduct daily application reports to process and review AMCAS applications beginning in October and through the deadline of November 15. The application cycle for the charter class will deviate from the usual admissions schedule due to the timing of accreditation, which will be stated in the Medical Student Admission Requirement (MSAR), on the AMCAS website, and on the public school of medicine (SOM) website. A member of the staff will review the AMCAS data, limited to the academic record, Medical College Admissions Test (MCAT), residence, and citizenship. Applicants with US citizenship or permanent resident status, a minimum
science foundation as determined by a Medical College Admissions Test (MCAT) score at the 40th percentile, and a baseline critical thinking and reasoning as determined by a composite grade point average of 3.0 will receive the secondary/supplementary application. Applicants who meet these thresholds will be notified through AMP and invited to complete a secondary/supplemental application. Applicants who do not meet these thresholds will be notified through AMP and released from further consideration. A staff member can request a special review of an applicant file by the associate dean for admissions and student diversity (ADASD) if there is compelling evidence of life experience or personal attributes that the medical school values and would advance the aims of recruiting a diverse student body. The review may result in an invitation to complete the secondary/supplemental application.

The secondary/supplemental application will ask applicants to respond to several questions through: 1) three-minute audio-based responses (ABRs) aimed at identifying personal attributes; 2) a writing sample to address written communication and cultural competence; 3) the Jefferson Scale of Physician Empathy (JSPE) to measure empathy; 4) a Self-Directed Learning Readiness Scale (SDLRS) to measure self-awareness; and 5) a prerequisite coursework inventory. The ABRs will focus on core personal attributes sought in an entering medical student, as well as the applicant’s preparation and fitness to thrive as a self-directed learner. The writing sample will seek to garner the unique qualities that will advance the medical school’s aims of recruiting a diverse student body. The secondary/supplemental application will also require a passport-size photograph and a $100 fee. Applicants approved for the AAMC Fee-Assistance Program (FAP) will have the $100 fee waived.

2. Selection for the interview

The TCU and UNTHSC SOM Office of Admissions and Outreach staff will conduct daily application reports to process and review secondary/supplemental applications beginning in mid-July through the deadline of December 1. The application cycle for the charter class will deviate from this schedule due to the timing of accreditation, which will be stated in the electronic message that accompanies the secondary/supplemental application invitation, the Medical Student Admission Requirement (MSAR), AMCAS, and on the SOM public website. A staff member in the TCU and UNTHSC SOM Office of Admissions and Outreach will begin the interview selection based on a three-tiered process to review and assess personal attributes, and communication and writing skills, among other attributes and skills. The three-tiered process will include a single review by a staff member in the Office of Admissions and Outreach, a single review by a faculty member in the Office of Educational Affairs and Accreditation, and the final review by the associate dean for admissions and student diversity. The purpose of the three-tiered holistic review of an applicant is to assess and identify applicants who meet the educational and diversity missions that support the school’s aim of recruiting a talented and diverse student body. The three-tiered review will seek to identify the diversity of an applicant based on evidence of disadvantage such as socio-economic status (SES) as might be indicated by low income, lack of access to education and health care, low parental education attainment, etc. The school interviews only those applicants who are the best match for the program and exemplify the high standards of the school of medicine.

The first tier review will be conducted by a staff member and will be based on the holistic review of an applicant’s academic and non-academic experiences and contribution to the aims of recruiting a diverse student body. The review includes, but is not limited to service orientation, quantitative reasoning, living systems and human behavior as identified in the AMCAS experiences, and academic record. The staff will also review and evaluate the writing sample collected in the secondary/supplemental application. A checklist will guide
the review of academic and non-academic activities, achievements, and academic foundation. A criteria-based rubric will guide the review and score calculation of the writing sample.

A minimal checklist and score threshold will determine advancement to the second tier review. Applicants that progress will be notified through AMP. Applicants who do not meet the threshold will be notified through AMP and released from further consideration and a refund of the $100 fee will be provided. A staff member can request a special review by the ADASD if there is compelling evidence of life experiences or personal attributes that the medical school values and seeks in its students. The review may result in an advance to the tier two review.

The second tier review will be conducted by a faculty member and based on the holistic review of an applicant’s personal attributes by observing and scoring the ABRs. A criteria-based rubric will guide the review and score calculation of the applicant’s self-reflection of personal attributes including, but not limited to, ethical responsibility to self and others, resiliency and adaptability, capacity for improvement, and oral communication.

The final review will be conducted by the ADASD and will be based on the results from the first and second tier reviews and the JSPE and SDLRS, as well as the consideration of the applicant’s contribution to a diverse student body. The ADASD will seek the input of the Admissions Committee chair to rank order and prioritize the interview invitations. Approximately 400 interview invitations will be offered. Applicants who do not meet the threshold will be notified through AMP and released from further consideration. The independent results of the first and second tier reviews will be added to the overall admission file and made available to the Admissions Committee for final acceptance decision-making.

3. The Interview

Applicants invited to interview will be notified through AMP and will be provided a calendar of the approximate 20 available interview days, known as the MD Visit Day (MDVD), conducted during the months of September through February. The application cycle for the charter class will deviate from this schedule due to the timing of accreditation. The applicant will choose the date that best fits his/her schedule. The MDVD is a structured day that will include an academic program presentation by the dean or designee, campus tours, the administration of the Multiple Mini-Interview (MMI), a simulated flipped-classroom session, and information sessions with student services staff (i.e. financial aid, academic and career advising, diversity and inclusion). The MDVD will conclude with a session from the ADASD that will provide the dates by which decisions will be communicated and other pertinent dates related to orientation and the first day of medical school.

The Multiple Mini-Interview (MMI) is a series of 10-short, structured interviews, also known as “stations.” Each station is nine minutes in duration and is comprised of a two-minute preparation for the station, followed by a seven-minute dialogue with a “rater” or interviewer. Each MMI case will be mapped to one or more of the desired interpersonal and personal attributes critical to the identification of an “empathetic scholar.” To assess these desired personal attributes, MMI stations will be presented to the student in scenarios, direct questions, or through active role-play. The MMI will involve at least six faculty, one standardized patient, and up to three staff, community members, or graduate students. Members of the admissions committee may participate in the MMI session, although it is not expected that every MMI session will have a member of the admissions committee.
Each applicant will be assessed in each station. The same stations will be utilized throughout the admission season. At the conclusion of the 10-station MMI, an individual report of each applicant will be generated. The MMI report will represent individual performance from three views: station-by-station, 10-station overall and a comparison to peers. The report will include statistical data (i.e. averages, standard deviation, Z-scores and percentiles, in rank-order) for each view. The result of the MMI will be added to the overall admission file and made available to the Admissions Committee for final acceptance decision-making.

As another opportunity to identify and document the personal attributes of a self-directed learner, applicants will engage in a faculty-led simulated flipped-classroom session. Applicants will receive material to review in advance of their scheduled MDVD simulated classroom session. This session not only demonstrates the interactive and self-directed learning methodology employed by the SOM for the applicant’s understanding, but also provides an assessment of the institutional fit as provided by the faculty.

Informal feedback will be sought from the staff with whom the applicants interact during the MDVD. The roster of applicants (names, photographs) will be provided to the information session presenters, MMI staff proctors, and eventually, medical students who host breakfast and lunch conversations. Any concerning behavior demonstrated by an applicant will be reported, including but not limited to unprofessional comments, poor communication, and inability to allow others’ input as observed during their respective sessions. These observations will be added to the overall admission file and made available to the Admissions Committee for final acceptance decision-making.

4. The acceptance decision

The TCU and UNTHSC SOM Office of Admissions and Outreach staff will collate interview reports and a member of the staff will assign each applicant file to the TCU and UNTHSC SOM Admissions Committee for a final review and admission decision that will occur periodically, approximately every two weeks following each interview day. Offers of admission will be released on and after October 15th on a rolling basis until the last meeting in early-spring. The application cycle for the charter class will deviate from this schedule due to the timing of accreditation. Rejections will be released on the same time frame, while alternates will not be chosen until the final committee meeting in early-spring. All final admission decisions, including alternates, will be rendered by vote of the full Admissions Committee and will be considered final and not subject to appeal.

The TCU and UNTHSC SOM Admissions Committee will select applicants for admission through a three-step holistic review process: 1) individual application review, 2) subcommittee deliberation, and 3) full committee final review and vote.

Step 1 - Individual application review
The individual application review is conducted during a 10-day window immediately following each interview day, which occurs from September through the mid-spring. Seven TCU and UNTHSC SOM Admissions Committee members, for the purpose of Step 2, will be considered a subcommittee. Each subcommittee will consist of five faculty, one at-large, non-faculty member, and eventually one student. Each of the seven members will have access to the scored rubrics for the writing sample, AVRs, and simulated flipped-classroom activity. Each member will also have access to the applicant's personal statement, letters of recommendation, and MMI report. Using these data, each member will complete a Likert-scale response focused on the overall fit for an “empathetic scholar.” The individual application reviews will be collated by the TCU and UNTHSC SOM Office of Admissions and
Outreach and a comprehensive rank-ordered report will be generated for the full Admissions Committee’s utilization.

Step 2 - Subcommittee deliberation and admission recommendation
Using the collated, comprehensive, rank-ordered report from Step 1, each subcommittee will convene approximately three days after the individual review window has ended and will review, deliberate, and prepare an admission recommendation to be reviewed and voted on by the full TCU and UNTHSC SOM Admissions Committee. The subcommittees will have access to all application data collected on the AMCAS application, including experiences, academic record, personal statement and letters of recommendation, the writing sample, JSPE, SDLRS, and MMI report. The deliberations and admission recommendation will focus on the applicants who best fulfill the mission and diversity interests of the SOM. A quorum of faculty members will be required during the subcommittee deliberation and admission recommendation step. Subcommittee quorum is defined as four members present, of which three must be faculty. A simple majority is required.

Step 3 - Committee final review and vote
A meeting of the full TCU and UNTHSC SOM Admissions Committee will be held on the same day as the Step 2 subcommittee meetings, which will occur from September through the mid-spring. Immediately following the Step 2 subcommittee meetings, the full TCU and UNTHSC SOM Admissions Committee will convene and the leader of each subcommittee will present each application being considered for admission on a rotating basis. Selection of applicants will be made on a competitive basis, without regard to race, color, religion, national origin, age, disability, marital status, gender, sexual orientation, or veteran status. Qualified handicapped applicants will be considered in relation to the technical standards. Applicants being considered for admission will be first on the agenda and a vote taken at the conclusion of each rotation. The applicants being considered for rejection or a neutral hold for subsequent consideration will be voted on as a whole by consent agenda.

A quorum of faculty members will be required during the final review and vote of the full TCU and UNTHSC SOM Admissions Committee. A quorum of the full TCU and UNTHSC SOM Admissions Committee is defined as eight members present, of which six must be faculty. A simple majority vote is required for decision.

Decisions by the full TCU and UNTHSC SOM Admissions Committee are based on a holistic admission process that gives balanced and equal consideration of the academic and non-academic factors required to be successful as a self-directed adult learner in the unique curriculum aimed to train “empathetic scholars.” The TCU and UNTHSC SOM Admissions Committee is committed to selecting students who will contribute to the aims of recruiting a diverse student body. All decisions are final and not subject to appeal.

5. The offer of admission

The TCU and UNTHSC SOM associate dean for admissions and student diversity will deliver admission offers by phone call, followed by a letter delivered electronically to the email address of record. The letter will outline the conditions of matriculation including, but not limited to:

- completion of remaining prerequisite coursework (if applicable);
- the ability to perform, with or without reasonable accommodations, the technical standards for matriculation, promotion and graduation, and;
- the ability to successfully pass a school-specific criminal background check and drug screening.
Offers of admission will be extended on a rolling basis. All candidates holding a seat will be asked to render a final decision with regard to their intent to matriculate no later than April 30. No financial deposit is required at any point.

Waitlist/Alternate Decisions

The TCU and UNTHSC SOM Admissions Committee will select and approve an unranked alternate list at the conclusion of the admission cycle and will create the Alternate List Subcommittee to fill vacancies, as needed, until the entering class is considered full as determined by the start of new student orientation.

The Alternate List Subcommittee consists of the TCU and UNTHSC SOM Admissions Committee Chair and the faculty leader from each of the Deliberation and Recommendation Subcommittees. The TCU and UNTHSC SOM Admissions Committee will delegate authority to move individuals off the alternate list based on Medical Student Selection Policy criteria with priority to applicants who demonstrate evidence of factors that will contribute to a talented and diverse student body. The overall balance in the class (i.e. male/female, science/non-science major’s ratios) will also be a second priority when considering to fill a vacancy.

The TCU and UNTHSC SOM Admissions Committee chair will prepare and disseminate a report of the Alternate List Subcommittee selection and deliberations regarding alternate movement, if any, to the Admissions Committee once the class is considered full as determined by the start of new student orientation.

The TCU and UNTHSC SOM associate dean for admissions and student diversity will deliver alternate admission offers by phone call, followed by a letter delivered electronically to the email address of record. A decision will be due within two-weeks, or sooner depending on the start date of orientation.

The SOM will consider the matriculated class as complete and final upon the first day of orientation. All remaining alternates will be released from consideration and notified electronically.

The TCU and UNTHSC SOM Admissions Committee of the whole will review a final admission report at the conclusion of the admission cycle. One section of the report will be to inform the members of the alternates chosen and the basis by which each was chosen for admission. Additionally, the report includes data from the application process, compositional diversity of class, student evaluations of processes, etc.

Efforts to Recruit Students from Underrepresented Groups

Preparation: Specific to the preparation of students, the following programs/activities will be developed to support the aims to enhance diversity in the student body.

K-12 Initiatives
The TCU and UNTHSC SOM Office of Admissions and Outreach has created an academic and personal enrichment program called Junior Medical School. The program is designed to promote an interest in and access to medicine and health careers. Programming includes age-appropriate hands-on activities and didactic sessions taught by faculty and eventually, medical students. Junior Medical School is held during the summer months and monthly one-day sessions throughout the academic year. The first summer session was held in June 2017 with 28 students identified from three junior high schools in the Fort Worth area.
Independent School District (FWISD). Youth from diversity-defined backgrounds are given registration priority and a financial waiver from any associated program fee.

College-level Initiatives
The TCU and UNTHSC SOM Office of Admissions and Outreach is developing an intensive summer application preparation program called #FutureMD. This program will be designed to provide skill-building techniques (i.e. writing effectively, interview techniques, study and test preparation) and accurate admission information to aspiring applicants. Aspiring applicants from diversity-defined backgrounds will be identified through pre-health advisors and given priority for registration and a financial waiver from any associated program fee.

An advising development program for local, regional, and national pre-health advisors from colleges and universities also is being created. Advisors will be invited to visit campus, meet faculty, staff, and eventually students, and experience a mock admission selection meeting. Advisors from Historically Black Colleges or University (HBCUs) and other identified minority-serving local institutions will be specifically recruited to attend, including financial support.

Short educational videos are being developed and once accredited, live webinars will be hosted about the admission process, selection criteria, and skill-building techniques (i.e. writing effectively, interview techniques, study and test preparation). These sessions will be hosted on the SOM public website as a resource for aspiring applicants who may not have the financial resources for preparation courses and application counseling. The public website will also contain links to premedical student resources including, but not limited to, Association of American Medical Colleges’ AspiringDocs, Khan Academy, and other reputable student resources.

In addition, individual counseling sessions will be available by telephone and/or virtual meeting software with aspiring applicants who lack access to premedical advising either because they are not currently enrolled at an undergraduate institution or resources do not exist.

A database is being created for local and regional premedical student clubs and organizations (i.e. American Medical Student Association, Alpha Epsilon Delta), college and university premedical advising offices, and faculty advisors to promote and recruit participants for the above mentioned diversity programs/activities to enhance the preparation of future applicants.

Recruitment: Policies, programs and activities to support the recruitment of a diverse student body.

The TCU and UNTHSC SOM Office of Admissions and Outreach will conduct a holistic review of applications. Prior to each admission cycle, a mandatory Implicit Bias training for all admissions committee members will be conducted, and to reinforce concepts learned, a mock selection session will occur before the start of each admission season.

In collaboration with the Office of Diversity and Inclusion, the TCU and UNTHSC SOM Office of Admissions and Outreach will host sessions during the MD Applicant Visit Day to increase awareness of diversity and inclusion programs/activities offered as part of the educational and co-curricular programs. Additional programming will occur during recruitment events held later in the admission season (i.e. Second Look Weekend, Revisit Days) and eventually, medical students representing diversity student organizations will plan and host these sessions.
The TCU and UNTHSC SOM Office of Admissions and Outreach will utilize the AAMC’s Medical Minority Applicant Registry (Med-MAR) to encourage an application from students identified on the report.

The SOM Diversity, Equity and Inclusion Policy statement will be embedded in all application materials. Philanthropic support will be sought to support scholarship funding. Admissions will work closely with development officers to create donor relationships with area minority-serving health professional organizations.

**Retention: The following programs/activities will be developed to support retention of students.**

The TCU and UNTHSC SOM Office of Faculty Affairs and Development will allow faculty to opt-in to a Diversity and Inclusion Mentoring Excellence network to build informal and formal mentoring relationships between diverse faculty and students. The Chief Diversity and Inclusion Officer will establish networks with minority-serving health professional organizations (i.e. North Texas Latin-American Physician Association, Artemis Medical Society) and the TCU and UNTHSC SOM Office of Faculty Affairs and Development to build a network of physicians interested in serving in an informal mentor relationship to medical students based on diversity-defined backgrounds. Informal meetings will be encouraged during the academic year as time permits.

A benchmarking diversity engagement survey will be created by the TCU and UNTHSC SOM Office of Diversity and Inclusion and disseminated to all students, faculty, and staff on the following schedule: students will be surveyed after the end of Phase I and Phase II in the curriculum, while staff and faculty will be surveyed every three years.

The TCU and UNTHSC SOM Office of Diversity and Inclusion will provide several programs to meet its goals, including delivery of a mandatory session on Implicit Bias during the first course in medical school. Monthly, in-person, skill-building workshops (i.e. Confronting Difficult Conversations, Respectful Discourse, MedSafeZone) will be hosted to enhance the understanding and importance of an inclusive community. To reach a broader audience, tailored short educational videos and live webinars will also be provided. Week-long programs will be hosted each fall semester to raise awareness to the health care disparities that exist within the local community. Topics will be identified and speakers will be invited from various backgrounds (i.e. refugee health, underrepresented populations) to share stories, challenges and aspirations for future health care. A Spring symposium focused on a diversity topic in medicine will be held in conjunction with the TCU and UNTHSC SOM Office of Admissions and Outreach recruitment event.

Diversity, Equity, and Inclusive Excellence Stipend awards will be provided to encourage and support student involvement in research, leadership, conference presentations, or student activities that focus on a broad range of topics such as workforce diversity, health disparities, and the promotion of a diverse and inclusive learning environment. An optional medical Spanish course for students, faculty, and staff will be offered. The TCU and UNTHSC SOM Office of Diversity and Inclusion will also support affinity-based organizations (i.e. Latino Medical Student Association, Muslim Student Association, LGBTQ) as they are created by the students.

The TCU and UNTHSC SOM Office of Student Affairs will support the TCU and UNTHSC SOM Student Government and will identify at least two diversity and inclusion representatives from each medical school class to serve in a leadership position within Student Government and on the SOM-wide Diversity and Inclusion Advisory Council. Additional support from...
learning specialists and physician development coaches will aid in the retention of diverse students.

The TCU and UNTHSC SOM Department of Medical Education will deliver a curriculum that embeds the importance of key societal problems facing physicians. These offerings include, but are not limited to:

- **Preparation for Practice** -- a four-year longitudinal course of topic-driven thematic material in social determinants of health, community and public health, ethics, aging, health care delivery, policy and advocacy, among others.
- **Patient Communication and Narrative Medicine** -- woven throughout the four-year curriculum, this program focuses the importance of effective communication and self-reflection when caring for a diverse patient population.
- **Scholarly Pursuit and Thesis** -- a four-year independent research project with opportunities to engage in research projects important to the discovery and advancement of diversity-related issues (i.e. health disparities, socioeconomic access to quality care.)
- **Service Learning and Community Involvement** -- activities provide students with opportunities to engage with the diverse patient population of the greater Fort Worth community. This elective course is for senior medical students interested in diversity and leadership and will cover the importance of diversity in medicine, institutional bias, advocacy, and organizational change.

**E. Enrollment Projections**

Complete Table 1 to show the estimated cumulative headcount and full-time student equivalent (FTSE) enrollment for the first five years of the program, including the ethnic breakdown of the projected enrollment (White, African American, Hispanic, International, Other). Include summer enrollments, if relevant, in the same year as fall enrollments. Subtract students as necessary for projected graduations or attrition. Provide explanations of how headcounts, FTSE numbers, projections for underrepresented students, and attrition were determined. Define full-time and part-time status.

<table>
<thead>
<tr>
<th>Table 1. Enrollment Projections</th>
<th>Year 1</th>
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<td>Cumulative Headcount</td>
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The TCU and UNTHSC School of Medicine anticipates enrolling 60 full-time medical students each year. Pending preliminary accreditation from the LCME, the charter class of 60 students will matriculate in July 2019 and will graduate in May 2023 at the completion of the four-year
program. The anticipated number of students in the program at any given time will be 240 full-time medical students. Although projections for diversity of the student enrollment and attrition cannot be precisely projected, it is anticipated that these numbers will be comparable to those of other medical schools in the United States.

II. Academics

A. Accreditation

If the discipline has a national accrediting body, describe plans and timeline to obtain accreditation. For disciplines where licensure of graduates is necessary for employment, such as clinical psychology, plans for accreditation are required. If the program will not seek accreditation, provide a detailed rationale explaining why.

The accreditation body for allopathic medical education programs is the Liaison Committee on Medical Education (LCME), a more than 70-year old organization formed to oversee medical education in the United States and Canada through a partnership of the American Medical Association (AMA) and the Association of American Medical Colleges (AAMC). The nine members of the LCME Council include practicing physicians, medical educators, public members, and students. The formal responsibilities for managing LCME are shared between two Secretariats, one appointed by the AAMC and one by the AMA. Medical education programs must be accredited by the LCME to be eligible for many federal grants and programs, and students must participate in accredited medical education programs to qualify to take the United States Medical Licensing Examination and to be placed in an accredited residency program.

The accreditation process begins when a school seeking to develop a new medical education program submits an application fee and an attestation that it meets basic eligibility requirements. If the LCME Secretariat makes an affirmative judgment, the school is granted “Applicant School” status. The TCU and UNTHSC Medical School is listed on the LCME website as an applicant program at the following link: http://lcme.org/directory/candidate-applicant-programs/.

The applicant program composes an education database, Preliminary Data Collection Instrument, and a Preliminary Accreditation Self-Study, which defines the institution’s vision and goals, describes the proposed educational program, and establishes plans and timetables for institutional development in multiple areas. The applicant school must develop an admission and selection process; resources for academic counseling, financial aid, health services, and personal counseling; standard procedures for promotion, evaluation, advancement, and graduation as well as for disciplinary actions; and standards for the teacher-learner relationship and for preventing student mistreatment. With respect to faculty, the applicant must establish policies for appointment and for promotion and tenure, must hire sufficient faculty to teach first-year medical students, and must have a timeline for hiring faculty to teach second-year students. The applicant must also identify classroom space. The applicant school submits all materials and plans for review. If the materials are favorably reviewed by the LCME, then the LCME approves the program be granted a survey visit for preliminary accreditation. Once the site visit is scheduled, the applicant school is granted “Candidate School” status.

An LCME survey team completes a survey visit and prepares a report of its findings for consideration by the LCME at its next regularly scheduled meeting. If the LCME determines that the program meets the standards outlined in the LCME document, Guidelines for New and Developing Medical Schools, the LCME votes to grant “Preliminary Accreditation” to the program for an entering class in an upcoming academic year. A grant of preliminary
accreditation by the LCME allows the applicant school to begin to recruit and enroll its charter class.

Once classes have begun, the applicant school submits an application for provisional accreditation. This application requires a completed education database and self-study retrospectively examining the first-year curriculum, and analysis of the progress of the second-year curriculum, and a plan for student clinical training and clerkships in the third and fourth years. The program’s students must also conduct an independent survey of the enrolled student body to gather input on the school’s medical education program, the quality and availability of student services, their learning environment, and the adequacy of the educational resources. A student committee then composes an independent report based on the survey’s findings. That report is subsequently reviewed by LCME surveyors when they visit the campus to assess the school for provisional accreditation. During the site visit, the survey team meets one-on-one with administrators, faculty, and groups of students to assess the program. If successful, the applicant is granted “Provisional Accreditation” status.

After provisional accreditation, the applicant school completes a third and final education database focusing on the entire four-year curriculum, including the clinical education, and the enrolled student body submits a second independent report of student survey findings. The LCME makes a third survey visit during the charter class’s fourth year for a final in-person evaluation. The LCME then votes on whether to grant the school “Full Accreditation” status, which roughly coincides with the graduation of its charter class. Once a school has achieved full accreditation, the ongoing programs are continuously reviewed on an 8-year cycle.

Notably, the LCME requires that to apply for accreditation, the sponsoring institution must have applied for authority to grant the M.D. degree from the appropriate local and regional entities. Through the submission of this document, the TCU and UNT School of Medicine is formally pursuing approval from the Texas Higher Education Coordinating Board. Additionally, a Substantive Change Proposal will be submitted to the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to offer a joint degree.

### Accreditation Timeline

<table>
<thead>
<tr>
<th>Action</th>
<th>Proposed Date</th>
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<tr>
<td>Submit THECB Proposal for New Doctoral Degree Program</td>
<td>November 2017</td>
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<tr>
<td>Submit LCME Preliminary Accreditation Materials (TCU)</td>
<td>November 2017</td>
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<tr>
<td>Submit SACS COC Substantive Change Prospectus</td>
<td>December 2017</td>
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<tr>
<td>LCME Preliminary Accreditation Site Visit</td>
<td>Spring-Summer 2018</td>
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<td>LCME Decision for Preliminary Accreditation</td>
<td>October 2018</td>
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<td>Submit SACSCOC Substantive Change to Offer Joint Degree</td>
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<td>Submit LCME Provisional Accreditation Materials</td>
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<td>LCME Decision for Provisional Accreditation</td>
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<tr>
<td>LCME Full Accreditation Site Visit</td>
<td>Fall 2022</td>
</tr>
</tbody>
</table>
B. Admissions Standards

Describe the institution’s general graduate admissions standards and the program-specific admissions standards for applicants of the program. The description addresses how the proposed program will seek to become nationally competitive. Explain how students will be assessed for readiness to enroll in program coursework. Include any policies for accepting students transferring from other graduate programs. Explain whether the program will accept full-time and part-time students.

The doctoral program offered by the TCU and UNTHSC School of Medicine will adhere to general university guidelines, but will have unique standards and a unique admission process from other graduate and professional programs on the two campuses. Specific admission standards for the TCU and UNTHSC School of Medicine are outlined below.

Students will be required to take the Medical College Admissions Test (MCAT), submit evidence of coursework completion, complete an application through the Association of American Medical College's national application service, American Medical College Application Services Application, and to complete any custom school-specific application requirements. The TCU and UNTHSC School of Medicine Admissions Committee will identify students who exhibit academic, personal, and professional readiness as assessed through coursework, experiences, and results from the Multiple Mini-Interview and other data collected in the application process. Students will be expected to complete any pre-requisite academic requirements and meet any established technical standards to perform essential functions. The process for reviewing applications, interviewing candidates, and selecting the class will be carefully constructed to utilize a holistic approach to admissions. These standards and processes are consistent with the practice of other medical schools in the United States. Transfer students will not be considered for acceptance.

C. Program Degree Requirements

Describe the similarities and differences between the proposed program and peer programs in Texas and nationally. Indicate the different credit hour and curricular requirements, if any, for students entering with a bachelor’s degree and students entering with a master’s degree. Complete Table 2 to show the degree requirements of the proposed program. If requirements vary for students entering with a master’s degree or comparable qualifications, provide an explanation. Modify the table as needed. If necessary, replicate the table to show more than one option.

The development of curriculum elements and the sequencing of their delivery for the inaugural class are ongoing. Work groups have been examining core content areas, innovative curriculum integration opportunities, and delivery methods that utilize state-of-the-art technology in order to maximize the student learning experience. The curriculum features early clinical experiences and inter-professional education while affording students the opportunity for training in biomedical sciences, public health, and other areas.

Research and scholarly activity will be required of all students. A unique aspect of the program is the completion of a thesis by all students. This four-year independent research project provides opportunities to engage in research projects important to the discovery and advancement of diversity-related issues (i.e. health disparities, socioeconomic and access to quality care). The overarching goals of the Scholarly Pursuit and Thesis (SPT) course are to foster a culture of inquiry within the student body and faculty, as well as an appreciation of life-long learning, critical thinking, the team approach to problem solving,
and effective communication skills. The four-year pursuit will be divided into semesters with benchmarks, objectives, and deliverables expected at the end of each semester, resulting in a grade for each semester course. This approach clarifies the objectives and goals in a longitudinal and developmental fashion, guiding the student in understanding and completing the goals of his/her research project resulting in a thesis. A course director will be responsible for oversight of the entire four-year long pursuit, aided by two assistant directors, a coordinator, and an administrative assistant. Additionally, biostatisticians will be available for student consultation.

The semester/clock hours will be assigned in the future and will conform to any applicable laws and THECB rules.

Requirements will not vary for students entering with a master’s degree vs a bachelor’s degree.

<table>
<thead>
<tr>
<th>Table 2: Program Degree Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Category</strong></td>
</tr>
<tr>
<td>Required Courses</td>
</tr>
<tr>
<td>Prescribed Electives</td>
</tr>
<tr>
<td>Electives</td>
</tr>
<tr>
<td>Dissertation</td>
</tr>
<tr>
<td>Other (Specify, e.g., internships, clinical work, residencies)*</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
</tr>
</tbody>
</table>

*Clinical work is included in the required courses, prescribed electives and electives.

Complete Table 3 to provide a comparison of the proposed program to existing and/or similar programs in Texas in terms of total required semester credit hours (SCH). Modify the table as needed.

<table>
<thead>
<tr>
<th>Table 3. Semester Credit Hour Requirements of Similar Programs in Texas</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Institution</strong></td>
</tr>
<tr>
<td>Baylor</td>
</tr>
</tbody>
</table>

*Please note that Education Code 61.059 (l) limits funding for doctoral programs to 99 SCH, unless exempted by the THECB.*
### D. Curriculum

Describe the educational objectives of the proposed program. If the program has a unique focus or niche, describe it in relationship to peer programs. Describe how the program would achieve national prominence. Provide an explanation of required, prescribed, and elective courses and how they fulfill program requirements.

Describe policies for transfer of credit, course credit by examination, credit for professional experience, placing out of courses, and any accelerated advancement to candidacy.

Identify any alternative learning strategies, such as competency-based education, that may increase efficiency in student progress in the curriculum. If no such policies are in place to improve student progression through a program, provide an explanation.

**Educational Objectives**

The program includes the following competency domains: Patient-Centered Care, Medical Knowledge, Communication and Collaboration, Professionalism, Critical Appraisal and Life-long Learning, Systems, Safety, Service and Society, and Personal and Professional Formation. Within the seven competency domains, forty Educational Program Objectives were identified and are listed below.

**Patient-Centered Care**

1. Elicit an accurate, comprehensive and problem-focused history and perform a thorough, problem-focused physical examination
2. Perform appropriate screening and diagnostic procedures for maintaining and improving patient health
3. Accurately interpret clinical, laboratory, and diagnostic data and take necessary next steps
4. Reason deductively to develop a comprehensive and practical differential diagnosis
5. Develop effective intervention and management plans using evidence-based principles that optimize patient safety
6. Participate in collaborative team-based care and shared decision making activities to provide patient-centered care within an integrated delivery model

**Medical Knowledge**
Apply established and emerging principles of:
1. Social-behavioral science to the provision of patient care, including assessment of the impact of psychosocial-cultural influences on health and disease
2. Biophysical science to the health care for patients and populations
3. Clinical science to diagnostic and therapeutic decision making, clinical problem solving, and other aspects of evidence-based health care
4. Epidemiological science to the identification of health problems, risk factors, treatment strategies, resources, and disease prevention/health promotion efforts for patients and populations

**Communication and Collaboration**
1. Communicate effectively and in a timely manner using empathetic verbal and non-verbal communication
2. Recognize emotional cues and address difficult situations with care and respect
3. Provide accurate and relevant documentation
4. Engage others by asking relevant questions, and overcome barriers in an effective manner
5. Collaborate with team members, patients, and community in a manner that fosters receptivity and inclusiveness
6. Recognize other team members' roles and maintain and promote mutual respect

**Professionalism**
1. Demonstrate compassion, respect and sensitivity in all interactions
2. Demonstrate trustworthiness (honesty, integrity, and accountability) in all interactions
3. Use ethical judgment to maintain privacy, confidentiality, and support of legal requirements
4. Model the promotion of reassurance and empathy within the patient-centered team
5. Demonstrate responsiveness to the needs of patients and society that supersede self-interests
6. Acknowledge and avoid conflicts of interest within the health care environment that adversely affect patient care outcomes

**Critical Appraisal and Life-long Learning**
1. Identify strengths and limitations to constructively evaluate one’s own progress
2. Effectively utilize technology to optimize the practice of evidence-based medicine
3. Model and engage others about life-long learning opportunities
4. Provide and elicit feedback in a constructive manner to support quality improvement practices
5. Critically appraise and evaluate information to support innovations in patient-centered care (EBM)
6. Apply health care needs of diverse individuals to populations and communities

**Systems, Safety, Service, and Society**
1. Apply principles of patient safety and quality improvement to prevent adverse events and improve health care outcomes using an integrated approach
2. Examine structure, cost, and resources in the provision of care
3. Evaluate risk, benefits, and system changes to deliver optimal care
4. Identify safety precautions, follow proper protocols, and report errors in a timely manner
5. Advocate for quality of care for individuals and populations
6. Evaluate the effect of social and cultural determinants of health on the use of health care services and integrate this knowledge into the care of patients

**Personal and Professional Formation**
1. Use researched practices to promote and balance personal wellness and disease prevention
2. Manage conflict and acknowledge personal and professional boundaries
3. Practice reflection and self-awareness, and establish self-improvement goals
4. Recognize ambiguity and exercise situational judgment in stressful situations
5. Engage in leadership activities as an active member of the medical profession to improve health within the community
6. Take responsibility for all actions and seek help to develop a corrective action plan

The curriculum differs from the standard medical school format of two years of basic/clinical science coursework followed by two years of clinical clerkships. In general, the structure of the planned curriculum will be delivered in three phases that span four years.

- Phase 1: July of Year 1 - July of Year 2
- Phase 2: August of Year 2 - August of Year 3
- Phase 3: September of Year 3 - May of Year 4

**Phase 1**
Phase 1 will be a 13-month, integrated, curriculum that will provide a firm foundation: preparing students for their clinical practice with a blend of basic science content and clinical application. Students will begin Phase 1 with an initial immersion course to introduce them to the philosophy of the medical school, the importance of being a lifelong scholar, and the specific curricular structure of the SOM curriculum. There will also be a Foundations course to solidify core basic science principles. They will then transition into four primary Phase 1 courses. These courses will be integrated with both basic and clinical science to build a foundation of knowledge, with immediate application using multiple modalities each week including patient panels, small group discussions, problem-based learning, etc.

Within the four primary Phase 1 courses, there will be an organized weekly schedule that allows the learner to obtain new knowledge and then immediately have a chance for application. This weekly schedule occurs in three phases. On the first day of each week, there will be an interactive session to “frame” the materials to be covered. This may include patient panels, videos, guest speakers, and case presentations. The students will then have time during the next 2-3 days for asynchronous knowledge acquisition using self-directed learning techniques. This will be accomplished with pre-set modules that will include written content from textbooks, journal articles, etc. as well as review questions to self-assess understanding of the materials. The students will then have one to two days at the end of
the week to work together with course leaders, other facilitators, and their fellow classmates in Clinical Application Sessions (CAS) that will use small group sessions, problem based learning, simulation, etc. to clarify and then apply the knowledge gained during the week. The students will also spend time in these sessions teaching each other under the supervision of the faculty and will analyze and report on the quality and content of the material that they reviewed during self-study.

The students will also have early patient exposure in the Introduction to Longitudinal Patient Care Course. This course has a focus on communication, patient-centered care, and understanding the broad concepts of health care delivery. The students will have an immediate assignment of a few selected patients that they will continue to follow throughout the four years of their curriculum. This will allow each learner the opportunity to demonstrate their emerging clinical skills and medical knowledge throughout medical school and to develop rich physician-patient relationships.

In addition to the four primary courses and the clinical experience, students will be participating in the Clinical Skills course weekly during Phase 1. Students will learn and practice obtaining a history and physical, performing the clinical exam, basic procedures, and communication skills. This course will be continuous throughout the twelve months and will be based on an integrated model aligned with the weekly content that is being presented in a given core Phase 1 course. Various instructional methods and adjuncts will be used including standardized patients, procedural task trainers, high-fidelity mannequins, and other modes of simulated patient care.

Phase 2
Phase 2 will begin in the second year and will continue for twelve months. This phase is based on a longitudinal integrated clerkship framework. Students will have a schedule that promotes continuity of care and exposure to the health system in the community, while including experience with multiple specialties. The longitudinal aspect will be accomplished by each student following a panel of patients and attending various clinics in which they practice on a regular basis. This will provide continuity both with patients and with preceptors, while providing exposure to the fundamental aspects of clinical practice and experience with transitions of care. Students will also complete inpatient immersion experiences at various intervals, work a weekly emergency medicine shift, as well as a weekend of inpatient call per month to expose them to inpatient medicine and the acute conditions that their patients will face.

During Phase 2, students will continue to have weekly structured sessions called LeAPs (LEarning Application and Pondering sessions) to provide standardized instruction and allow time to ask questions of faculty facilitators. The content will be a blend of both clinical information pertaining to various patient presentations across specialties, as well as the basic science and pathophysiologic concepts pertinent to each discussion. Learners will be encouraged to use an evidence-based approach to clinical cases. There will be time for the learners to participate in peer-to-peer education as they share the experiences that they have had in their various clinical settings with the group. The format of these sessions will include problem-based learning, small group discussion, simulation, etc., to meet predetermined objectives.

Students will continue to learn and expand their clinical history and physical exam, procedural, and communication skills in a structured and deliberate fashion in the Clinical Skills Course during Phase 2.

Phase 3
Phase 3 begins in the third year of medical school and continues until graduation. This phase will function to both continue the professional development of the student, as well as prepare them for residency. The first portion of this phase will include time to study for and take USMLE Step 1. After completion of this exam, students will begin the “Explore and Develop” portion of Phase 3. During this five-month period, there will be an intense focus on the professional development of the students, with the goal of producing a thoughtful, well-rounded physician. The LeAPs will continue, with a thematic focus on the 10 content areas of the Preparation for Practice Course. These themes will be covered using multiple modalities including case-based learning, simulation, discussions led by content experts, etc. Students will work with their Physician Development Coach (PDC) to identify a specific area of interest chosen from content covered in the Preparation for Practice Course. Students will then be placed in a track to enhance their knowledge on this area of interest. Each track group will complete a project in line with their interest.

During “Explore and Develop,” students will complete a course entitled Longitudinal Patient Care in which they can continue to attend one longitudinal clinic per week and follow a small sub-set of their patient panel. This will allow for a continued connection to their patients and their preceptor. It also keeps them involved in clinical practice while they are exploring and developing the non-clinical aspects of their profession.

The next portion of phase 3 will be the “Focus” section that will include a required Sub-Iternship rotation, a critical care selective and elective time to allow students to gain valuable clinical experience and prepare for the Match process. Students will also be given time to prepare for and take USMLE Step 2 CK and CS.

Finally, the students will enter the “Prepare” portion of Phase 3. Students will participate in a five-week course entitled Residency Boot Camp that begins just prior to the Match and is designed to prepare students for the next stage of their career-internship year. The curriculum will include focused attention on advanced clinical procedures, communication skills, leadership, team management and other skills that will give the students a smooth start to residency. Just prior to graduation, learners will complete a course entitled “Final Reflections-Art in Medicine”. The objective will be to allow a time of team reflection for the students and a final emphasis on communication, empathy, and the value of compassionate patient care. During the “Prepare” phase, the students will also have the opportunity to present their Scholarly Pursuit and Thesis project.

Longitudinal Courses
Unifying the entire curriculum will be two longitudinal courses-Scholarly Pursuit and Thesis and Preparation for Practice. These courses are continuous throughout the entire four years of medical school.

The Scholarly Pursuit and Thesis course has a structured curriculum that will focus on academic inquiry and will incorporate the skills necessary to become a lifelong learner, practice evidence-based medicine, critically appraise the literature, and approach scientific inquiry with an ethical approach. In addition, each student will have their own scholarly project to actively apply and demonstrate the skills learned throughout this course.

The Preparation for Practice course will cover a variety of topics to instill in the learners the concepts essential to being a professional well-rounded provider in the modern health care system. The curriculum will include a focus on such topics as the health of the community, health care policy, vulnerable populations, bioinformatics, ethics, aging, and health care disparities. The specific schedule will be planned in a coordinated way to integrate with the specific phase of the curriculum to allow for reinforcement and application, with the most extensive focus being in Phase 3.
Complete Tables 4, 5, and 6 to list the required/core courses, prescribed elective courses, and elective courses of the program and semester credit hours (SCH). Note with an asterisk (*) courses that would be added if the proposed program is approved. Modify the tables as needed. If applicable, replicate the tables for different tracks/options.

**Table 4. Required/Core Courses**

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Required/Core Course Title</th>
<th>Number of Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDS 8XXX3</td>
<td>Medical School and Clinical Immersion</td>
<td>3</td>
</tr>
<tr>
<td>MEDS 8XXX7</td>
<td>Foundations</td>
<td>7</td>
</tr>
<tr>
<td>MEDS 8XXX7</td>
<td>Behavior, Hematology, Immunology and Skin</td>
<td>7</td>
</tr>
<tr>
<td>MEDS 8XXX6</td>
<td>Homeostasis</td>
<td>11</td>
</tr>
<tr>
<td>MEDS 8XXX9</td>
<td>Neuromusculoskeletal</td>
<td>9</td>
</tr>
<tr>
<td>MEDS 8XX11</td>
<td>Metabolism and Life Cycle</td>
<td>11</td>
</tr>
<tr>
<td>MEDS 8XX23</td>
<td>Intro to Longitudinal Patient Care</td>
<td>23-25</td>
</tr>
<tr>
<td>MEDS 8XX23</td>
<td>Clinical Skills</td>
<td>23-25</td>
</tr>
<tr>
<td>MEDS 8XX23</td>
<td>Scholarly Pursuit and Thesis</td>
<td>23-25</td>
</tr>
<tr>
<td>MEDS 8XX23</td>
<td>Preparation for Practice</td>
<td>23-25</td>
</tr>
<tr>
<td>MEDS 8XXX4</td>
<td>Explore and Discover</td>
<td>4</td>
</tr>
<tr>
<td>MEDS 8XXX2</td>
<td>Transition to Longitudinal Integrated Clerkship</td>
<td>2</td>
</tr>
<tr>
<td>SURG 8XX43</td>
<td>Surgery Immersion</td>
<td>3</td>
</tr>
<tr>
<td>MED 8XX43</td>
<td>Internal Medicine Immersion</td>
<td>3</td>
</tr>
<tr>
<td>OBGN 8XX42</td>
<td>Obstetrics/Gynecology Immersion</td>
<td>2</td>
</tr>
<tr>
<td>PEDS 8XX41</td>
<td>Pediatric Immersion</td>
<td>1</td>
</tr>
<tr>
<td>EMER</td>
<td>Emergency Medicine</td>
<td>40</td>
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<tr>
<td>SURG</td>
<td>Surgery</td>
<td>43</td>
</tr>
<tr>
<td>PSYC</td>
<td>Psychiatry</td>
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<tr>
<td>PEDS</td>
<td>Pediatrics</td>
<td>41</td>
</tr>
<tr>
<td>OBGN</td>
<td>Obstetrics/Gynecology</td>
<td>43</td>
</tr>
<tr>
<td>IMED</td>
<td>Internal Medicine</td>
<td>40</td>
</tr>
<tr>
<td>NEUR</td>
<td>Neurology</td>
<td>40</td>
</tr>
<tr>
<td>FMLY</td>
<td>Family Medicine</td>
<td>40</td>
</tr>
<tr>
<td>MEDS 8XXX5</td>
<td>Residency Boot Camp</td>
<td>5</td>
</tr>
</tbody>
</table>
### Table 5. Prescribed Elective Courses

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Prescribed Elective Course Title</th>
<th>Number of Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBD</td>
<td>Critical Care</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Sub-Internship</td>
<td>4</td>
</tr>
</tbody>
</table>

### Table 6. Elective Courses

<table>
<thead>
<tr>
<th>Prefix and Number</th>
<th>Elective Course Title</th>
<th>Number of Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBD</td>
<td>Allergy and Immunology</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Anesthesiology</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Business and Medicine</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Dermatology</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Emergency Medicine</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Endocrinology</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Family Medicine</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Gastroenterology</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Geriatric Medicine</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Gynecology Oncology</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Internal Medicine – Ambulatory</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Internal Medicine – Inpatient</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Internal Medicine – Subspecialty</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Law and Medicine</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Neurology</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Neurosurgery</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Obstetrics and Gynecology</td>
<td>4</td>
</tr>
<tr>
<td>TBD</td>
<td>Oncology</td>
<td>4</td>
</tr>
</tbody>
</table>
E. Candidacy/Dissertation
If the proposed program requires a dissertation, describe the process leading to candidacy and completion of the dissertation. Describe policies related to dissertation hours, such as a requirement to enroll in a certain number of dissertation hours each semester. Indicate if a master’s degree or other certification is awarded to students who leave the program after completing the coursework, but before the dissertation defense.

A dissertation is not required by the program. However, students will participate in a Scholarly Pursuit and Thesis course which has a structured curriculum that will focus on academic inquiry and will incorporate the skills necessary to become a lifelong learner, practice evidence-based medicine, critically appraise the literature, and approach scientific inquiry with an ethical approach. Each student will have their own scholarly project to actively apply and demonstrate the skills learned throughout this course and will result in a thesis.

F. Use of Distance Technologies
If applicable, describe the use of any distance technologies in the program, including a description of interactions between students and faculty, opportunities for students to access educational resources related to the program, exchanges with the academic community, and in-depth mentoring and evaluation of students. If more than 50 percent of the program content will be delivered off-campus, the institution must also submit a
completed "Distance Education Doctoral Degree Proposal" form: [Distance Education Degree Doctoral Form](https://example.com).

Distance technology is not applicable in the program.

### G. Program Evaluation

Describe how the program will be evaluated. Describe any reviews that would be required by an accreditor, and show how the program would be evaluated under [Board Rule 5.52](https://example.com).

In accordance with the requirements of the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), the TCU and UNTHSC School of Medicine will have a process to review the quality and effectiveness of the medical degree program and for continuous improvement. Furthermore, the accreditation body for medical schools, Liaison Committee on Medical Education (LCME), requires an extensive evaluation process.

The new doctoral program in medicine will be evaluated by assessing the achievement of program objectives, monitoring the quality of experiences and implementing plans for program improvement.

Achievement of program objectives by students at the TCU and UNTHSC School of Medicine will be monitored in several ways. Students’ knowledge of fundamentals will be assessed during the pre-clinical years via internal written examinations, supplemented in some courses by laboratory examinations and faculty evaluations of small group performance, and by administering Objective Structured Clinical Exams (OSCEs) in both the basic science and clinical years. Standardized end-of-rotation comprehensive National Board of Medical Examiners (NBME) subject shelf examinations will also be administered during the clinical years to assess students’ knowledge of fundamentals, supplemented by internal written and oral examinations, and faculty and resident evaluations. Mastery of curriculum content will also be addressed by the requirement that all graduates of the TCU and UNTHSC School of Medicine pass Steps 1 and 2 of the United States Medical Licensing Exam (USMLE).

Students’ opinions about the quality of their educational experience in the pre-clinical years, including their assessment of the clarity of learning objectives, the relationship between published learning objectives and course/examination content, and the value of their pre-clinical courses in preparing them for their clinical rotations are obtained via the AAMC Medical Student Graduation Questionnaire given to each graduate. The quality of their clinical experiences is also addressed in the same survey via an extensive list of very detailed, specific questions.

Student performances on internal and standardized NBME shelf examinations are monitored on an ongoing basis by course directors and various subcommittees of a curriculum oversight committee. Student feedback following tests and student feedback from course evaluations is carefully reviewed by course directors and, where indicated, modifications will be made to the examination and/or course structure and content.

The data reflecting the 18 Characteristics for each of the University of North Texas Health Science Center doctoral programs may be found at the following link:

**Biomedical Sciences** - [https://www.unthsc.edu/graduate-school-of-biomedical-sciences/characteristics-of-texas-public-doctoral-programs/](https://www.unthsc.edu/graduate-school-of-biomedical-sciences/characteristics-of-texas-public-doctoral-programs/)

H. Strategic Plan

Describe how the proposed doctoral program fits into the institution’s overall strategic plan, and provide the web link to the institution’s strategic plan.

Describe how the proposed program will align with the state’s 60x30TX plan, specifically identify the marketable skills the students will attain through the proposed program. Explain how students will be informed of the marketable skills included in the proposed program.

Explain how the proposed program builds on and expands the institution’s existing recognized strengths.

The strategic plan for the TCU and UNTHSC School of Medicine aligns with that of the HSC and of TCU. The TCU and UNTHSC Medical School’s mission is to transform health care by inspiring empathetic scholars. The vision is to be a leader in medical education, delivery of care and scholarship by focusing intentionally on the constellation of:

- Character: integrity, empathy, humanism, professionalism;
- Content: medical knowledge, technology, innovation, integration;
- Context: patient-centered models, cultural sensitivity, health care systems, finance, ambulatory settings, patient safety, chronic disease prevention and management;
- Creativity: innovation, inquisitive scholars;
- Collaboration: team-based care, patient and family partnerships, shared decision-making;
- Community: servant leadership, public education, partnership, leadership, diversity and inclusion.

UNT Health Science Center is one of the nation’s premier graduate academic medical centers, with five schools/colleges that specialize in preparing graduates for careers in health care, research, and public health. The schools/colleges are the Texas College of Osteopathic Medicine, the Graduate School of Biomedical Sciences, the School of Public Health, the School of Health Professions, and the UNT System College of Pharmacy. The UNTHSC purpose is to transform lives in order to improve the lives of others. The UNTHSC vision is “one university, built on values, defining and producing providers of the future”. The UNTHSC mission is to create solutions for a healthier community. The UNTHSC strategic plan is found at: https://www.unthsc.edu/about-us/vision/. The UNTHSC 2020 Strategic Plan includes becoming nationally recognized in interprofessional education and team-based patient-centered training. UNTHSC believes that team care is the future of health care in the United States, optimizing patient outcomes, controlling costs, and reducing medical errors. UNTHSC interprofessional programs address cooperation across the care spectrum, from wellness and nutrition programs to chronic-disease treatment and management. On-site ambulatory care clinics are currently developing interprofessional practice models for patient care and student and resident education. An example of an interprofessional practice model is our Pediatric Mobile Clinic which delivers care to children in underserved Fort Worth neighborhoods. The new medical education program will have an emphasis on interprofessional education across the four-year curriculum.

The UNTHSC strategic plan includes providing an exceptional educational experience for our students. Areas of focus include using employer feedback to assist in defining and preparing graduates for an unknown future, preparing graduates in leadership, communication and teamwork, and providing diverse and high quality clinical/experiential
experiences. An example is The SAGE (Seniors Assisting in Geriatric Education) program where older adults serve as mentors to interprofessional groups of students. The new medical education program will gather student feedback across all four years of the program and incorporate student feedback in the continuous quality improvement process in order to ensure student satisfaction.

The TCU Strategic Plan includes the following four pillars: 1) Strengthen Academic Profile and Reputation, 2) Strengthen Endowment, 3) Strengthen TCU Experience and Campus Culture and 4. Strengthen Workforce. The TCU and UNTHSC School of Medicine particularly aligns with the academic profile of TCU. The TCU Strategic Plan may be found at: https://strategicplan.tcu.edu/strategic-plan/.

The 2017 Managing the Expansion of Graduate Education in Texas report completed by the RAND Corporation and commissioned by the THECB notes for the State of Texas to meet its goals of the 60x30TX plan, graduate education expansion needs to be directed toward the fields that need advanced skills the most. The creation of the new MD school aligns with this directive.

The faculty of a medical school will ensure that the medical curriculum provides content of sufficient breadth and depth to prepare medical students for entry into any residency program and for the subsequent contemporary practice of medicine. The marketable skills (i.e., interpersonal, cognitive, and applied skill areas) as outlined in the 60x30TX plan aligns with the medical curriculum as follows:

- Biomedical, Behavioral, Social Sciences - Content from the biomedical, behavioral, and socioeconomic sciences to support medical students' mastery of contemporary scientific knowledge and concepts and the methods fundamental to applying them to the health of individuals and populations.
- Organ Systems/Life Cycle/Primary Care/Prevention/Wellness/Symptoms/Signs/ Differential Diagnosis/Treatment Planning/Impact of Behavioral and Social Factors - Content and clinical experiences related to each organ system; each phase of the human life cycle; continuity of care; and preventive, acute, chronic, rehabilitative, end-of-life, and primary care in order to prepare students to:
  - Recognize wellness, determinants of health, and opportunities for health promotion and disease prevention
  - Recognize and interpret symptoms and signs of disease
  - Develop differential diagnoses and treatment plans
  - Recognize the potential health-related impact on patients of behavioral and socioeconomic factors
  - Assist patients in addressing health-related issues involving all organ systems
- Scientific Method/Clinical/Translational Research - Instruction in the scientific method (including hands-on or simulated exercises in which medical students collect or use data to test and/or verify hypotheses or address questions about biomedical phenomena) and in the basic scientific and ethical principles of clinical and translational research (including the ways in which such research is conducted, evaluated, explained to patients, and applied to patient care).
- Critical Judgment/Problem-Solving Skills - Critical judgment based on evidence and experience, and develops medical students' ability to use those principles and skills effectively in solving problems of health and disease.
- Societal Problems - Instruction in the diagnosis, prevention, appropriate reporting, and treatment of the medical consequences of common societal problems.
- Cultural Competence and Health Care Disparities - Opportunities for medical students to learn to recognize and appropriately address gender and cultural biases.
in themselves, in others, and in the health care delivery process. The medical curriculum includes instruction regarding the following:

- The manner in which people of diverse cultures and belief systems perceive health and illness and respond to various symptoms, diseases, and treatments
- The basic principles of culturally competent health care
- The recognition and development of solutions for health care disparities
- The importance of meeting the health care needs of medically underserved populations
- The development of core professional attributes (e.g., altruism, accountability) needed to provide effective care in a multidimensional and diverse society

- Medical Ethics - Instructs medical students in medical ethics and human values both prior to and during their participation in patient care activities and requires its medical students to behave ethically in caring for patients and in relating to patients' families and others involved in patient care.
- Communication Skills - Specific instruction in communication skills as they relate to communication with patients and their families, colleagues, and other health professionals.
- Interprofessional Collaborative Skills - Medical education program prepares medical students to function collaboratively on health care teams that include health professionals from other disciplines as they provide coordinated services to patients. These curricular experiences include practitioners and/or students from the other health professions.

I. Related and Supporting Programs

Complete Table 7 with a list of all existing programs that would support the proposed program. This includes all programs in the same two-digit CIP code, and any other programs (graduate and undergraduate) that may be relevant. Include data for the applications, admissions, enrollments, and number of graduates for each of the last five years. Modify the table as needed. The example provided in Table 7 shows degree programs that would relate to or support an additional Ph.D. in another area of chemistry, for example a proposal for a PhD in Forensic Chemistry (40.0510).

Related programs of the UNTHSC include the Texas College of Osteopathic Medicine and the Department of Physician Assistant Studies. Both programs train health care providers in medicine with an emphasis in primary care and serving in rural and underserved areas. Additional programs in this CIP code include public health, biomedical sciences, physical therapy, and pharmacy as noted in the table below.

| Table 7. Related and Supporting Programs |
|-----------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| DO – Doctor of Osteopathic Medicine (51.1901) |                 |                 |                 |                 |                 |
| Applications                            | 2647            | 2730            | 3006            | 3276            | 3718            |
| (offers) Admissions                      | 520             | 465             | 454             | 444             | 476             |
| New Enrollments                         | 230             | 230             | 228             | 230             | 232             |
| 6 Year Graduation Rates                 | 92%             | 93%             | 97%             | 95%             | 98%             |

MPA – Master of Physician Assistant Studies (51.0912)
<table>
<thead>
<tr>
<th>Program</th>
<th>Applications</th>
<th>1094</th>
<th>1255</th>
<th>1552</th>
<th>1898</th>
<th>2047</th>
</tr>
</thead>
<tbody>
<tr>
<td>(offers) Admissions</td>
<td>120</td>
<td>127</td>
<td>104</td>
<td>129</td>
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<td></td>
</tr>
<tr>
<td>New Enrollments</td>
<td>75</td>
<td>75</td>
<td>75</td>
<td>74</td>
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<td>97%</td>
<td>93%</td>
<td>98%</td>
<td>96%</td>
<td>93%</td>
<td></td>
</tr>
</tbody>
</table>

**MPH – Master of Public Health (51.2201)**

<table>
<thead>
<tr>
<th>Program</th>
<th>Applications</th>
<th>421</th>
<th>454</th>
<th>485</th>
<th>474</th>
<th>450</th>
</tr>
</thead>
<tbody>
<tr>
<td>(offers) Admissions</td>
<td>367</td>
<td>388</td>
<td>391</td>
<td>328</td>
<td>264</td>
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</tr>
<tr>
<td>New Enrollments</td>
<td>138</td>
<td>150</td>
<td>157</td>
<td>125</td>
<td>85</td>
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<tr>
<td>6 Year Graduation Rate</td>
<td>68%</td>
<td>78%</td>
<td>78%</td>
<td>73%</td>
<td>76%</td>
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**DrPH – Doctor of Public Health (51.2201)**

<table>
<thead>
<tr>
<th>Program</th>
<th>Applications</th>
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<th>16</th>
<th>14</th>
<th>18</th>
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</tr>
</thead>
<tbody>
<tr>
<td>(offers) Admissions</td>
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<td>8</td>
<td>6</td>
<td>0</td>
<td>N/A</td>
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<tr>
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<td>5</td>
<td>3</td>
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<tr>
<td>7 Year Graduation Rate</td>
<td>59%</td>
<td>50%</td>
<td>42%</td>
<td>57%</td>
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**PhD – Doctor of Philosophy in Public Health (51.2201)**

<table>
<thead>
<tr>
<th>Program</th>
<th>Applications</th>
<th>56</th>
<th>58</th>
<th>78</th>
<th>90</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>(offers) Admissions</td>
<td>5</td>
<td>12</td>
<td>14</td>
<td>20</td>
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</tr>
<tr>
<td>New Enrollments</td>
<td>3</td>
<td>6</td>
<td>6</td>
<td>9</td>
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<tr>
<td>6 Year Graduation Rate</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</tr>
</tbody>
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**MHA – Master of Health Administration (51.0701)**

<table>
<thead>
<tr>
<th>Program</th>
<th>Applications</th>
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<th>46</th>
<th>81</th>
<th>97</th>
<th>83</th>
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</thead>
<tbody>
<tr>
<td>(offers) Admissions</td>
<td>48</td>
<td>32</td>
<td>54</td>
<td>46</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>New Enrollments</td>
<td>17</td>
<td>14</td>
<td>27</td>
<td>23</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>6 Year Graduation Rate</td>
<td>N/A</td>
<td>100%</td>
<td>91%</td>
<td>78%</td>
<td>67%</td>
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**DPT – Doctor of Physical Therapy (51.2308)**

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<tr>
<th>Program</th>
<th>Applications</th>
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<th>599</th>
<th>852</th>
<th>907</th>
<th>1794</th>
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</thead>
<tbody>
<tr>
<td>(offers) Admissions</td>
<td>61</td>
<td>58</td>
<td>63</td>
<td>54</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>New Enrollments</td>
<td>42</td>
<td>42</td>
<td>42</td>
<td>46</td>
<td>46</td>
<td></td>
</tr>
<tr>
<td>6 Year Graduation Rate</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>100%</td>
<td>95%</td>
<td></td>
</tr>
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</table>

**MS – Master of Science in Biomedical Sciences (26.0102)**

<table>
<thead>
<tr>
<th>Program</th>
<th>Applications</th>
<th>593</th>
<th>676</th>
<th>686</th>
<th>780</th>
<th>760</th>
</tr>
</thead>
<tbody>
<tr>
<td>(offers) Admissions</td>
<td>296</td>
<td>318</td>
<td>290</td>
<td>333</td>
<td>289</td>
<td></td>
</tr>
</tbody>
</table>
New Enrollments | 239 | 213 | 232 | 223 | 220
6 Year Graduation Rate | 83% | 79% | 94% | 84% | 87%

**PhD – Doctor of Philosophy in Biomedical Sciences (26.0102)**

| Applications | 88 | 94 | 58 | 62 | 65 |
| (offers) Admissions | 31 | 32 | 26 | 27 | 21 |
| New Enrollments | 20 | 34 | 20 | 17 | 18 |
| 6 Year Graduation Rate | 62% | 67% | 70% | 63% | 84%

**PharmD – Doctor of Pharmacy (51.2001)**

| Applications | N/A | 342 | 868 | 759 | 582 |
| (offers) Admissions | N/A | 126 | 304 | 382 | 278 |
| New Enrollments | N/A | 82 | 80 | 110 | 100 |
| 6 Year Graduation Rate | N/A | N/A | N/A | N/A | N/A |

### J. Existing Doctoral Programs

Provide the web link(s) for the *Characteristics of Doctoral Programs* for each of the institution’s existing doctoral programs. Describe how existing closely related doctoral programs would enhance and complement the proposed program.

The data reflecting the 18 Characteristics for each of the University of North Texas Health Science Center doctoral programs may be found at the following link:

Biomedical Sciences - [https://www.unthsc.edu/graduate-school-of-biomedical-sciences/characteristics-of-texas-public-doctoral-programs/](https://www.unthsc.edu/graduate-school-of-biomedical-sciences/characteristics-of-texas-public-doctoral-programs/)


Osteopathic Medicine, Pharmacy, and Physical Therapy – Professional programs were added to the Characteristics reporting in 2017, with reporting to begin in September 2018.

The existing doctoral programs will complement and enhance the proposed doctoral program in medicine. The institution has already achieved excellence in other health professions training areas such as osteopathic medicine (recognized for preparing graduates in primary care), biomedical sciences, public health, physician assistant studies, physical therapy, and pharmacy. These existing health professions programs will enable a medical school to access team-based, inter-professional environments in which physician education can take place, and which can contribute to the delivery of superior health care. Faculty from these programs will significantly enrich the educational experience of doctoral students in medicine, and medical faculty in turn can contribute to teaching of other health professions. For example, a doctoral program in medicine will expand access by health professions students to new clinical training sites, different patient populations, and a larger range of patient care problems. Moreover, synergies among the research skills and intellectual traditions of these health professional fields can open opportunities to access external funding for innovative, large-scale research into health services delivery and community health.
**K. Recent Graduates Employment**

For existing graduate programs (master’s and doctoral) within the same two-digit CIP code in the most recent year, show the number and percentage of graduates employed within one year of graduation, and list graduates’ field of employment, location, and the employer.

Of the 221 graduates in the Doctor of Osteopathic Medicine program at UNTHSC, one hundred percent (100%) were employed in their field within one year of graduation. Of the 69 graduates in the Physician Assistant Studies program at UNTHSC, one hundred percent (100%) were employed within their field within one year of graduation. List of employer, location, and field of employment for each program is provided below.

<table>
<thead>
<tr>
<th>State/Employer/Specialty</th>
<th># of Primary Care</th>
<th># Non-Primary Care</th>
<th>Sum</th>
</tr>
</thead>
<tbody>
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<td>AL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U South Alabama Hospitals</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Internal Medicine</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AL Total</td>
<td>2</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>AR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U Arkansas-Little Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pediatrics</td>
<td>3</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>University of Arkansas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>AR Total</td>
<td>3</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>AZ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phoenix Children’s Hospital-AZ</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Pediatrics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U Arizona COM at Tucson</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Medicine</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Surgery-Preliminary</td>
<td>1</td>
<td>1</td>
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</tr>
<tr>
<td>AZ Total</td>
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<td>2</td>
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</tr>
<tr>
<td>CA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Grant Medical Center / Travis AFB CA</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Family Medicine</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Surgery - General</td>
<td>1</td>
<td>1</td>
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</tr>
<tr>
<td>Loma Linda University-CA</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Neurology</td>
<td>1</td>
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</tr>
<tr>
<td>Obstetrics-Gynecology</td>
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<td></td>
</tr>
<tr>
<td>Naval Hospital Camp Pendleton</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Family Medicine</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>UC San Francisco-Fresno-CA</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Pediatrics</td>
<td>1</td>
<td>1</td>
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<tr>
<td>West/West Anaheim Medical Center</td>
<td>1</td>
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</tr>
<tr>
<td>Internal Medicine</td>
<td>1</td>
<td>1</td>
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<tr>
<td>CO</td>
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</table>
### DO – Doctor of Osteopathic Medicine (51.1901)
#### 2016 Graduates Employment by State, Employer, and Specialty

<table>
<thead>
<tr>
<th>Employer/State</th>
<th>Specialty</th>
<th>NJ Graduates</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Vista Community Health Centers</td>
<td>Family Medicine</td>
<td>1</td>
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</tr>
<tr>
<td>St Joseph Hospital SCL Health-CO</td>
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<td>1</td>
<td>1</td>
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<tr>
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<td>2</td>
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</tr>
<tr>
<td>FL</td>
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<tr>
<td>CEME/Ocala Regional Medical Center</td>
<td>Family Medicine and OMT</td>
<td>1</td>
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<tr>
<td>Jackson Memorial Hosp-FL</td>
<td>Internal Medicine</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Larkin Community Hospital</td>
<td>Family Medicine</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>LECOMT/St Petersburg General Hospital</td>
<td>Physical Medicine &amp; Rehabilitation</td>
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Division of Academic Quality and Workforce
Updated 6.29.2017
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### DO – Doctor of Osteopathic Medicine (51.1901)
#### 2016 Graduates Employment by State, Employer, and Specialty

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### MPA – Master of Physician Assistant Studies (51.0912)
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### MPA – Master of Physician Assistant Studies (51.0912)
#### 2016 Physician Assistant Graduates by State/Employer

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III. Faculty

A. Faculty Availability

Complete Table 8 to provide information about core. Core Faculty are full-time tenured and tenure-track faculty who would teach 50 percent or more in the proposed program or other individuals integral to the proposed program and who could direct dissertation research. There should be at least four full-time equivalent (FTE) faculty for a new doctoral program. Add an asterisk (*) before the names of the individuals who would have direct administrative responsibilities for the proposed program. Add a pound symbol (#) before the name of any individuals who have directed doctoral dissertations or master’s theses. Modify the table as needed.

NOTE: The TCU and UNTHSC School of Medicine does not have tenure or tenure-track faculty. Core faculty are defined as faculty who contribute 50% or more effort to the TCU and UNTHSC School of Medicine. Support faculty are those faculty who contribute less than 50% effort to the TCU and UNTHSC School of Medicine. Faculty will have primary appointments at either TCU or UNTHSC with secondary appointments at the other university.

All core and support faculty have not been identified or hired at the time of proposal submission. The plan for faculty availability in the first five years of the program is attached as Appendix B. The medical school core and support faculty members will reflect a range of clinical, scientific, and interdisciplinary backgrounds. A large pool of talented individuals already exists in North Texas from academic programs, non-academic teaching hospitals, and private practices. The institution anticipates that additional faculty members will be drawn from a pool of individuals outside of Tarrant County and outside Texas who are attracted by the scientific and intellectual resources of the institution, the clinical opportunities, and the overall quality of life in North Texas.

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<td>50%</td>
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<tr>
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Projected New Core Faculty in Year 2018: 24
Complete Table 9 to provide information about Support Faculty. Support Faculty are other full-or part-time faculty who would be affiliated with the proposed program. Modify the table as needed.

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<tr>
<th>Name and Rank of Support Faculty</th>
<th>Highest Degree and Awarding Institution</th>
<th>Courses Assigned in Program or Other Support Activity</th>
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<td>e.g.: Robertson, David Assoc. Prof</td>
<td>PhD. in Molecular Genetics Univ. of Wisconsin-Madison</td>
<td>MG200, MG285, MG824 (Lab Only)</td>
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<td>#Badamosi, Razaq Assist. Professor</td>
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<td>Behavior, Hematology, Immunology, Skin</td>
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<td>Sanchez, Hugo</td>
<td>Assoc. Professor</td>
<td>M.D., Ph.D. in Biomedical Sciences</td>
<td>Univ. of California San Diego</td>
</tr>
<tr>
<td>Schmanke, Troy</td>
<td>Professor</td>
<td>Ph.D. in Experimental Psychology</td>
<td>Texas Christian Univ.</td>
</tr>
<tr>
<td>Shafi, Shahid</td>
<td>Professor</td>
<td>M.D.</td>
<td>Aga Khan Univ. - Pakistan</td>
</tr>
<tr>
<td>Shah, Dar</td>
<td>Assist. Professor</td>
<td>M.D.</td>
<td>Univ. of Oklahoma College of Medicine</td>
</tr>
<tr>
<td>Shah, Mudita</td>
<td>Assist. Professor</td>
<td>M.D.</td>
<td>Univ. of Oklahoma College of Medicine</td>
</tr>
<tr>
<td>Smith, Spencer</td>
<td>Assist. Professor</td>
<td>M.D.</td>
<td>Duke Univ. School of Medicine</td>
</tr>
<tr>
<td>Spear, David</td>
<td>Professor</td>
<td>M.D.</td>
<td>Wayne State University – Detroit, Michigan</td>
</tr>
<tr>
<td>#Tayag, Tristan</td>
<td>Professor</td>
<td>Ph.D. in Electrical Engineering</td>
<td>Univ. of Virginia</td>
</tr>
<tr>
<td>Testa, Giuliano</td>
<td>Assoc. Professor</td>
<td>M.D.</td>
<td>Univ. of Padova - Italy</td>
</tr>
<tr>
<td>Thambidorai, Senthil</td>
<td>Assist. Professor</td>
<td>M.D.</td>
<td>Government Kilpauk Medical College - India</td>
</tr>
<tr>
<td>Verma, Rashmi</td>
<td>Assist. Professor</td>
<td>M.D.</td>
<td>Univ. of Delhi - India</td>
</tr>
<tr>
<td>Washington, Kimberly</td>
<td>Assist. Professor</td>
<td>M.D.</td>
<td>Univ. of Tennessee Health Science Center</td>
</tr>
<tr>
<td>Webb, Brian</td>
<td>Professor</td>
<td>M.D.</td>
<td>Indiana Univ. School of Medicine</td>
</tr>
<tr>
<td>Wilson, Donnie</td>
<td>Professor</td>
<td>M.D.</td>
<td>Univ. of Mississippi</td>
</tr>
<tr>
<td>#Yorio, Thomas</td>
<td>Professor</td>
<td>Ph.D. in Biomedical Sciences-Pharmacology</td>
<td>CUNY Graduate School, Mt. Sinai School of Medicine</td>
</tr>
<tr>
<td>Young, Richard</td>
<td>Assist. Professor</td>
<td>M.D.</td>
<td>Univ. of Texas Health Science Center San Antonio</td>
</tr>
<tr>
<td>Zepeda, Anthony</td>
<td>Assist. Professor</td>
<td>M.D.</td>
<td>Tufts School of Medicine</td>
</tr>
<tr>
<td>Projected New Support</td>
<td>Faculty in Year 2018</td>
<td>81</td>
<td></td>
</tr>
</tbody>
</table>

Division of Academic Quality and Workforce
Updated 6.29.2017
B. Teaching Load
Indicate the targeted teaching load for core faculty supporting the proposed program. Teaching load is the total number of semester credit hours in organized teaching courses taught per academic year by core faculty, divided by the number of core faculty at the institution the previous year. Provide an assessment of the impact the proposed program will have, if approved, on faculty workload for existing related programs at the institution.

School of Medicine faculty members are informed of their responsibilities in teaching, research, and service responsibilities in the initial letter of offer that includes a workload distribution breakdown by activity. The workload distribution for teaching, research, service, and clinical responsibilities is reviewed annually with faculty members by their department chair as part of their annual performance review process.

The School of Medicine will develop targeted teaching load requirements for core faculty that are consistent with the guidelines that are comparable to those at other medical schools as found in Appendix C.

C. Core Faculty Productivity
Complete Tables 10 and 11 to provide information about faculty productivity, including the number of publications and scholarly activities and grant awards. Table 10 shows the most recent five years of data by core faculty, including the number of discipline-related refereed papers/publications, books/book chapters, juried creative/performance accomplishments, and notices of discoveries filed/patents issued. Table 11 shows the number and amount of external grants by core faculty.

Where relevant to performing arts degrees, major performances or creative endeavors by core faculty should be included. Examples are provided below. Do not include conference papers, reviews, posters, and similar scholarship. The format of the tables and information may vary, as long as the information is conveyed clearly. Include a list of the key journals in the field.

All core faculty have not been identified or hired at the time of proposal submission. However, the School of Medicine will expect a level of effort and scholarship from its faculty that is consistent with the expectations set forward by TCU and UNTHSC. The institution anticipates the ability to recruit faculty who are currently maintaining high levels of professional productivity and that have an interest in cultivating the unique culture and mission of the new medical school.

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Refereed Papers</th>
<th>Book Chapters</th>
<th>Books</th>
<th>Juried Creative/Performance</th>
<th>Patents</th>
</tr>
</thead>
<tbody>
<tr>
<td>e.g., Mencimer, Jennifer</td>
<td>12</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>e.g., Walker, Guy</td>
<td>22</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Allie, Jennifer</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bergestuen, Deidi</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Faculty Name</td>
<td>Grant Source</td>
<td>Grant Subject</td>
<td>Dates</td>
<td>Total Grant Amount</td>
<td>Institutional Amount</td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------------</td>
<td>--------------------------------</td>
<td>-------------</td>
<td>-------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>e.g., Mencimer, Jennifer</td>
<td>National Science Foundation</td>
<td>Extragalactic Astronomy</td>
<td>2006-10</td>
<td>$5,000,000</td>
<td>$2,500,000</td>
</tr>
<tr>
<td>e.g., Walker, Guy</td>
<td>Fund for Astrophysical Research</td>
<td>Develop Astronomical Equipment</td>
<td>2007-08</td>
<td>$400,000</td>
<td>$400,000</td>
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<tr>
<td>Bernas, Mike</td>
<td>Department of Defense Idea Grant</td>
<td>Lymphatic Vascular-based Therapy for IBD</td>
<td>2011-2014</td>
<td>33,600</td>
<td>17,304</td>
</tr>
<tr>
<td>Bernas, Mike</td>
<td>Department of Defense</td>
<td>Progression of Inflammatory Bowel Disease to Cancer: Is the Patient “Better Off” without Lymphatic</td>
<td>2011-2013</td>
<td>299,826</td>
<td>154,410</td>
</tr>
<tr>
<td>Name</td>
<td>Institute</td>
<td>Project Description</td>
<td>Start Date</td>
<td>Total Funding</td>
<td>Indirect Cost</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------</td>
<td>---------------------------------------------------------------------------------------</td>
<td>------------</td>
<td>---------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Bernas, Mike</td>
<td>NIH NIAID</td>
<td>Infection and Immunity K-12 Science Program: Exploring Knowns/Unknowns via VCRC/Q</td>
<td>2013-2018</td>
<td>940,150</td>
<td>69,640</td>
</tr>
<tr>
<td>Bernas, Mike</td>
<td>NIH NICHD</td>
<td>Summers in Children’s Research for Diverse High School Students</td>
<td>2013-2018</td>
<td>421,765</td>
<td>31,240</td>
</tr>
<tr>
<td>Bernas, Mike</td>
<td>NIH NIMH</td>
<td>High resolution electrical brain mapping by real-time and portable 4d acoustoelectric imaging</td>
<td>2015-2018</td>
<td>258,344</td>
<td>131,352</td>
</tr>
<tr>
<td>Bernas, Mike</td>
<td>NIH NHLBI</td>
<td>Short-Term Training to Increase the Diversity Pipeline in Heart/Lung/Blood Research</td>
<td>2011-2017</td>
<td>1,096,700</td>
<td>87,735</td>
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<tr>
<td>Bernas, Mike</td>
<td>NIH NINDS</td>
<td>High School Student NeuroResearch Program (HSNRP)</td>
<td>2011-2016</td>
<td>283,490</td>
<td>21,000</td>
</tr>
<tr>
<td>Bernas, Mike</td>
<td>NIH NIMH</td>
<td>BBB Tight Junctions During HIV-1 Dementia: Anti-Inflammatory Effects of GSK-3b Suppression (UA Subcontract)</td>
<td>2008-2017</td>
<td>82,510</td>
<td>42,492</td>
</tr>
<tr>
<td>Bernas, Mike</td>
<td>NIH OD</td>
<td>Translating Translation and Scientific Questioning in the Global K-12 Community</td>
<td>2012-2017</td>
<td>1,338,635</td>
<td>99,160</td>
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<tr>
<td>Cross, Courtney</td>
<td>National Institutes of Health (NIH)</td>
<td>Post-doctoral Toxicology Training Grant</td>
<td>2012-2014</td>
<td>$120,000</td>
<td></td>
</tr>
<tr>
<td>Flynn, Stuart</td>
<td>The Josiah Macy, Jr. Foundation</td>
<td>Interprofessional Primary Care Curriculum: Implementation and Evaluation</td>
<td>2013-2016</td>
<td>$836,714</td>
<td></td>
</tr>
<tr>
<td>Flynn, Stuart</td>
<td>The Josiah Macy, Jr. Foundation</td>
<td>A New Integrated Interprofessional Curriculum Model</td>
<td>2010-2012</td>
<td>$145,487</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Grant Title</td>
<td>Description</td>
<td>Period</td>
<td>Amount</td>
<td>Amount</td>
</tr>
<tr>
<td>----------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>--------------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>Gonzales, Eric</td>
<td>IAADR Pilot Grant</td>
<td>Structure determination of a muscarinic acetylcholine receptor</td>
<td>2013-2015</td>
<td>$20,000</td>
<td>$20,000</td>
</tr>
<tr>
<td>Kaplan-Liss, Evonne</td>
<td>Stony Brook Presidential Mini-Grant for Departmental Diversity Initiatives</td>
<td>Communication Interprofessional Teamwork Initiative (CITI): New Health Professional Cultural Competency Interdisciplinary Curriculum Model</td>
<td>2011-2013</td>
<td>$1,500</td>
<td></td>
</tr>
<tr>
<td>Leuck, Joanna</td>
<td>Society for Academic Emergency Medicine Education Fellowship Grant</td>
<td>Career Development Research Grant</td>
<td>2012-2014</td>
<td>$150,000</td>
<td></td>
</tr>
<tr>
<td>Savi, Christine</td>
<td>Diversity, Equity and Inclusive Excellence &amp; Innovation Grant</td>
<td></td>
<td>2016</td>
<td>$1,500</td>
<td></td>
</tr>
</tbody>
</table>

IV. Resources

A. Student Financial Assistance

Complete Table 12 to provide the number of full- and part-time students who would be funded and the anticipated amounts for each of the first five years. Modify the table as needed to distinguish between Teaching Assistantships, Research Assistantships, and Scholarships/Grants. If student financial assistance is reliant upon grant funding, explain how funding will be consistently sustained if grant income falls short of projections. Additionally, show how the level of student support compares to the anticipated overall student cost of tuition and fees.

Through a generous donor, tuition for the first year of tuition for each of the 60 medical students in the charter class will be provided.

Efforts have begun to develop a scholarship program for medical students. The Texas Christian University Office of Advancement assigned a senior fundraiser to the school of medicine who has actively engaged the dean and campus leaders to build a culture of philanthropy within the city of Fort Worth, Tarrant County, and North Texas. The fundraising plan defines solicitation and fundamental development program strategies to generate private support for medical student scholarships. These efforts include a priority to plan, secure, and steward scholarship gifts, and in the spring of 2016, a scholarship fundraising campaign for the school of medicine was launched. The initial fundraising goal was set in spring 2016 at $3 million to be raised by 2019. In less than one year into the campaign, nearly $4 million has been raised and solely dedicated to student scholarships. Continued efforts to identify and develop relationships with the TCU alumni, individuals, corporations, and foundations who have demonstrated an interest in advancing health care...
and medical education in Fort Worth, and beyond will continue well after the charter class arrives in 2019. The immediate fundraising goal is to continue raising funds to offset at least 15 percent of tuition for all future medical students.

Table 12. Student Financial Assistance

<table>
<thead>
<tr>
<th></th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Teaching</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Assistantships</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td># of Full-time</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount per student</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td># of Part-time</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount per student</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Research</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assistantships</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td># of Full-time</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>students</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Amount per student</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td># of Part-time</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount per student</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Scholarships</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td># of Full-time</td>
<td>60</td>
<td>120</td>
<td>180</td>
<td>240</td>
<td>240</td>
</tr>
<tr>
<td>students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount per student</td>
<td>Full tuition ($57,500)</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
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<tr>
<td># of Part-time</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>students</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amount per student</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
<td>TBD</td>
</tr>
</tbody>
</table>
B. Library Resources

Provide the library director’s assessment of both paper and electronic library resources for the proposed program. Describe plans to build the library holdings to support the program. Include the amount allocated to the proposed program.

The (UNTHSC) Lewis Library currently serves the education, research, patient care, and community engagement needs of the students and faculty of all schools at UNTHSC, including the Texas College of Osteopathic Medicine, the Graduate School of Biomedical Sciences, the School of Health Professions, the School of Public Health, and the UNT System College of Pharmacy. Library access and librarian support will be available to SOM students.

The Mary Couts Burnett Library serves all academic units on the TCU campus including the school of medicine. TCU’s nursing and health sciences programs curriculum includes undergraduate programs and a Doctor of Nurse Practice (DNP) degree in Nursing and Nurse Anesthesia.

The Lewis Library holdings include 11,199 health science journal subscriptions, 23,609 books and 113 databases. The Mary Couts Burnett Library holdings include 11,077 health science journal subscriptions, almost 2 million book titles and 465 databases. A portion of the medical education program budget will be earmarked for the purchase of learning resources that support medical student knowledge acquisition, including any resources needed to expand current library collections.

Both libraries are working together to determine which new and unique resources will need to be procured to serve specific needs and interests of the SOM’s medical education program. The Lewis Library’s Collection Development Committee is conducting a review of other medical schools library holdings and a literature review, reviewing faculty requests, and performing a bibliographic analysis to determine the adequacy of existing resources in serving the needs of the new school. Both libraries are investigating licensing rights and medical student access to current collections. A portion of the medical education program budget will be earmarked for the purchase of learning resources that support medical student knowledge acquisition, including any resources needed to expand current library collections.

The Lewis Library maintains a Collection Development Team composed of six librarians who meet monthly to review the adequacy of the library’s bibliographic resources. The group conducts regular analyses on the need for and usage of scholarly and clinical resources using a variety of inputs such as those listed below. Each of these items helps the librarians in their constant work of analyzing the adequacy of the library’s resources in meeting its users’ needs.

- Systematic collection of input from faculty and students through in-person meetings, attendance at curriculum committee meetings, and submissions via email and the library web site.
- Electronic resource usage statistics from publishers – Publishers provide Lewis Library with detailed reports on how many times people using the UNTHSC network access databases and journal articles. The reports also include publisher items that UNTHSC users click on but are unable to access due to the lack of a subscription.
- Analysis of journal level metrics from sources such as Journal Citation Reports and SCOPUS – The Collection Development Committee routinely uses these sources of quality material to ensure that no important journals are missing from the library collection.
- **Interlibrary Loan Requests** – The library checks its ILL requests each month to determine if users are asking for large numbers of articles from a specific journal that is more than five articles from a journal in a year. This can be a good indicator that the library should subscribe to that journal title.

- **Regular campus visits from science publisher representatives** – Lewis Library is regularly visited by the publishers of the world’s best scientific literature and clinical tools and uses these visits as a way to maintain awareness of newly published resources.

- **Librarian attendance at professional meetings** – Librarians regularly attend professional meetings around the country to network with other librarians and gather knowledge that contributes to the ongoing analysis of the adequacy of its collections.

Combining the empirical evidence described above with their professional knowledge and awareness of campus needs, the librarians conduct routine analysis to ensure that the library is offering the scholarly and clinical resources needed by the students, staff, and faculty at UNTHSC.

Lewis Library’s scholarly collection contains approximately 11,000 electronic journals, 14,700 print and electronic books, and 119 searchable databases in the biomedical sciences, clinical medicine, public health, and affiliated fields. Of special note, the library offers an electronic version for nearly all of the required textbooks for the medical, physician assistant, physical therapy, and pharmacy programs. Electronic textbooks are reviewed with school and program curriculum committees and updated on a yearly basis to reflect curricular changes. Lewis Library’s electronic resources are available to all authorized users, including current students, on a 24x7 basis from anywhere in the world. The library will review and revise electronic resource license agreements as needed to ensure that proper changes are made to ensure equivalent access for students of the new school. The Lewis Library also maintains a robust system of delivering any needed print material to students, residents, and other authorized users at remote sites via FedEx.

Electronic library resources are accessible from the Mary Couts Burnett Library website that limits access to authorized TCU students/faculty/staff. New electronic resources for the medical school will be supported the same way. Sharing electronic resources with UNTHSC students will easily be accommodated by TCU technically, but will be subject to vendor restrictions given individual license arrangement. Print resources are shared with TCU students/faculty/staff by use of a TCU ID card that is used to circulate material. Medical school students will also be provided with a TCU ID card for the same purpose.

Both the Lewis Library and the Mary Couts Burnett Library and their TexShare memberships will allow SOM students, staff, and faculty physical access to and borrowing privileges from all public libraries as well as various public and private institutions of higher education in Texas.

All of the Lewis Library physical space, electronic resources, printer/copiers, and computing resources are available on a 24x7 basis and librarians are available Monday – Friday, 8am – 5pm. Lewis Library maintains on-site staffing for 109 hours per week. Library staff are available to respond to in-person questions until midnight Sunday through Thursday and 10 PM on Friday and Saturday. Further, librarians can respond to electronically submitted email requests on a 24/7 basis. The Mary Couts Burnett Library opens mid-day on Sunday and stays open continuously until Friday evenings during the long semesters. The Library is open all day on Saturdays. Holiday and summer hours include nights and weekends but not 24 hour access. Librarians are available to students during all library hours.
C. Facilities and Equipment
Describe the availability and adequacy of facilities and equipment to support the proposed program. Describe plans for new facilities, improvements, additions, and renovations.

The new school’s primary teaching space for the pre-clerkship phase of the curriculum will be located in UNTHSC’s new Interdisciplinary Research and Education Building (IREB) on Camp Bowie Boulevard in Fort Worth, Texas. Some of the key attributes of this new facility and other facilities that are included in the medical education program space requirements are described below.

UNTHSC has committed to the SOM priority scheduling classes for selected classrooms and teaching areas. All of the large format classroom requirements are met with existing UNTHSC facilities in the IREB and other buildings. The classrooms for the school of medicine will be team-based learning environments. All furniture systems, audio visual systems, infrastructure and software will support this type of learning environment. There are several sizes of classrooms, however they will all share an established doctrine. Classrooms will be flexible and promote the various shared teaching options required by the program. The below features are consistent aspects of these instructional spaces:

- Writable surfaces to be included throughout each room. These are either writable paint surfaces or marker boards or a combination of the two.
- AV software and hardware to support mobility and projection from screen to screen.
- Flat panel displays on stands with wheels, as well as fixed to some walls.
- Reconfigurable tables with 4-8 person seating capacity.
- Cable TV for large classrooms.
- In addition to the SOM priority space on the third and fourth floors of the IREB, the IREB will additionally include:
  - A 3,000 square foot Health Care Innovations Lab
  - Research and instructional laboratories,
  - Multimedia learning areas,
  - Telemedicine and tele-pharmacy capabilities, and
  - A café and student lounge.

SOM students will have the same access to these spaces as all other UNTHSC students.

The IREB and other partner spaces will provide resources such as laboratories and other instructional tools. The laboratories will aid in educating students by creating real-world situations in a teachable environment.

Clinical Skills (Suite)
The Clinical Skills suite consists of a cluster of 18 exam rooms, linked with an exam control room to provide students real-world medical applications. Patient-actors will use the standardized patient prep room to create live clinical situations and assessments. A classroom is also provided to prepare, brief and educate students relative to each clinical skills experience. Rooms will be set up with camera capture for live-feed.

Simulation (Suite)
The simulation suite requires space for a large simulation skills laboratory to practice skills on anthropomorphic mannequins. This laboratory will work in conjunction with a control room and storage room to create a variety of medical conditions and scenarios.
This space will be highly flexible to adjust to a variety of space and powered conditions, and have the ability to adapt to future needs.

In addition to the Simulation suite within the IREB, additional high fidelity simulation access has been granted by TCU’s Harris College of Nursing Simulation Laboratory, which includes an Ambulatory Suite (Patient Care) consisting of 4 exam rooms and 1 in-home care simulation room, an acute care suite consisting of 9 double patient rooms and 1 single patient ICU room, a mock medical dispensing area, and 4 debriefing rooms. All simulation laboratory spaces are video and voice captured through KbPort and a central control room with flat panel displays allows for remote instructions and monitoring of each space. The simulation laboratory uses both Laerdal and Gaumard simulators and each patient room is setup to record audio and video through either a 36 or pan-tiltzoom cameras.

In addition to TCU, the Harris Methodist Simulation Laboratory high-fidelity simulation center has also granted access to SOM students and faculty. This center was initially developed to support the training of first responders throughout the Fort Worth area. Since opening in 2014, this simulation laboratory has expanded availability as a community training center to include other medical practitioners, including current use by the University of North Texas Health Science Center. The simulation laboratory includes a front lobby that includes an ambulance bay (a mock “back of ambulance” scene), a resuscitation room, an operating room (currently used as task training), and a transitional ICU patient care room. High fidelity mannequins range from infants and low fidelity units to very complex high fidelity units that simulate operational procedures. Each simulation space is supported by an adjacent control room and there are three varied sized debriefing rooms located nearby for use. Each simulation room and the lobby are setup for video and voice capture through EMS (an additional software support package was installed, but not used). Since this simulation laboratory is located in a hospital, all gases are active and true to their labeling in order to act as usable overflow space for the hospital.

The UNTHSC Center for Biohealth will provide large size lecture rooms for testing purposes. These rooms are large enough to provide adequate spacing based on testing requirements, as well as data and power outlets for each seat located in the space.

The UNTHSC Center for Anatomical Sciences maintains a state-of-the-art human anatomy laboratory as well as a bio-skills research facility for education and training of local residents and clinicians in new ultrasound, orthopedic, and surgical techniques.

UNTHSC and TCU provide state of the art recording studios that will be used for developing interview skills for students in news room situations. Other interview scenarios will take place on the fourth floor of the UNTHSC Library. The existing space will be reconfigured to accommodate a small group interview simulation.

D. Support Staff
Describe plans, if any, to increase or reallocate support staff in order to provide sufficient services for the projected increases in students and faculty.

The TCU and UNTHSC School of Medicine will have the full benefit of existing administrative offices and administrative staff from both TCU and UNTHSC to support the modest class size of 60 students. Established administrative offices and staff from Admissions and Registration, Student Affairs and Student Health, Diversity, Library Services, Information Technology, Accounting, Human Resources, Facilities and Operations among others will continue to support the development of the TCU and UNTHSC School of Medicine.
Additionally, adequate funding is available to recruit top-talent faculty and staff who will be fully dedicated to the development and support of the new program and its faculty and students. The first key hire was that of the school’s inaugural dean in 2016. The strategic hiring of subsequent key staff and faculty to support the medical school has ensued as the ramp-up activities accelerate.

E. External Learning
If applicable, describe the plans for providing Internships, Clerkships, Clinical Experiences, or other required external learning opportunities. Explain the impact this new program would have, if approved, on the available number of external learning opportunities in Texas for this type of program.

The School of Medicine will utilize the Longitudinal Integrated Clerkship (LIC) model for clerkship training. The inpatient portion of the model, including initial inpatient immersion experiences in medicine, surgery, pediatrics, and labor and delivery will be accommodated at local hospitals. Additionally, inpatient “bursts” (3-7 day periods of inpatient psychiatry, gynecology, pediatrics, neurology) will occur throughout the year in those hospital settings. The outpatient portion of the LIC, encompassing the majority of clerkship training, will occur in physician practices throughout Fort Worth and surrounding areas (not remote or geographically distant sites).

Affiliation agreements will be implemented with all hospital and physician groups where student rotations will occur. A revised version of the AAMC Uniform Clinical Training Affiliation Agreement has been utilized in establishing relationships with local hospitals and physician groups for the training of the SOM medical students. Discussions have occurred with the CEOs of all local hospitals and hospital systems, and the dean has received a number of signed commitments and additional verbal commitments from other affiliates.

Signed agreements include the following hospitals:

- Baylor Regional Medical Center at Grapevine
- Baylor Scott & White All Saints Medical Center-Fort Worth
- Baylor Surgical Hospital at Fort Worth
- Cook Children’s Health Care System
- John Peter Smith Hospital System
- Methodist Health System
- Previa Medical Group North Texas
- Texas Health Arlington Memorial
- Texas Health Harris Methodist Hospital Alliance
- Texas Health Harris Methodist Hospital Fort Worth
- Texas Health Harris Methodist Hospital Southwest Fort Worth
- Texas Health Physicians Group
F. List of Potential Expert Reviewers

Provide the names and contact information for six potential expert reviewers to review the proposed program. Expert Reviewers must come from top-ranked programs in the nation, hold the rank of full professor or senior administrator, and have no conflicts of interest relating to the proposed program. Describe concisely the qualifications of each expert reviewer.

Institution’s Proposed Expert Reviewers:

1. Name: Carol Terragino, MD
   Institution: Rutgers Robert Wood Johnson Medical School
   Phone #: 732-235-4576
   Email: terregca@rwjms.rutgers.edu
   Qualifications/Expertise: Medical education and medical education accreditation expertise

2. Name: Samara Ginzburg, MD
   Institution: Hofstra Northwell School of Medicine
   Phone #: 516-463-7501
   Email: samara.ginzburg@hofstra.edu
   Qualifications/Expertise: Medical education and medical education accreditation, including in new school environment

3. Name: Frederic W. Hafferty, PhD
   Institution: Mayo Clinic
   Phone #: 507-538-6502
   Email: hafferty.frederic@mayo.edu
   Qualifications/Expertise: Medical education and medical education accreditation expertise

4. Name: Barbara Atkinson, MD
   Institution: UNLV School of Medicine
   Phone #: 702-895-0343
   Email: barbara.atkinson@unlv.edu
   Qualifications/Expertise: Medical education and medical education accreditation expertise
5. Name: Cynda Johnson, MD  
Title and Rank: Founding Dean  
Institution: Virginia Tech Carilion School of Medicine  
Phone #: 540-526-2559  
Email: cajohnson1@carilionclinic.org  
Qualifications/Expertise:  
Medical education and medical education accreditation expertise, including in new medical school environment

6. Name: Deborah German  
Title and Rank: Founding Dean, Vice President for Medical Affairs  
Institution: University of Central Florida College of Medicine  
Phone #: 407-266-1000  
Email: deborah.german@ucf.edu  
Qualifications/Expertise:  
Medical education and medical education accreditation expertise, including in new medical school environment
G. **Five-Year Costs and Funding Sources Summary**
   On the attached forms, provide estimates of new and reallocated costs to the institution related to the proposed program and provide information regarding sources of the funding that would defray those costs.

   Use the Program Funding Estimation Tool found on the Coordinating Board website ([www.thecb.state.tx.us/newprogramscertificates](http://www.thecb.state.tx.us/newprogramscertificates)) and attach a saved copy of the completed Excel spreadsheet to your application.

H. **Signature Page**
   Select and obtain required signatures for either the signature page entitled, “Institutional and Board of Regents Consideration by the Board” or the signature page “Board of Regents Consideration by the Commissioner.”

V. **Required Appendices**
   A. Course Descriptions and Prescribed Sequence of Courses
   B. Five-Year Faculty Recruitment Plan/Hiring Schedule
   C. Institution’s Policy on Faculty Teaching Load
   D. Itemized List of Capital Equipment Purchases During the Past Five Years
   E. Librarian’s Statement of Adequate Resources
   F. Articulation Agreements with Partner Institutions
   G. Curricula Vitae for Core Faculty
   H. Curricula Vitae for Support Faculty
   I. Letters of Support from Peer Institutions and/or Area Employers

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2 “Equipment” has the meaning established in the Texas Administrative Code §252.7(3) as items and components whose cost are over $5,000 and have a useful life of at least one year.
## Costs to the Institution of the Proposed Doctoral Program

Complete the table to show the dollar costs to the institution that are anticipated from the proposed program.

<table>
<thead>
<tr>
<th>Cost Category</th>
<th>Cost Sub-Category</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
<th>5th Year</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Salaries</td>
<td>(New)</td>
<td>$11,115,492</td>
<td>$17,952,346</td>
<td>$18,524,972</td>
<td>$18,883,535</td>
<td>$19,253,432</td>
<td>$85,729,777</td>
</tr>
<tr>
<td>(Reallocated)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program Administration</td>
<td>(New)</td>
<td>$602,940</td>
<td>$619,140</td>
<td>$650,890</td>
<td>$708,440</td>
<td>$737,240</td>
<td>$3,318,650</td>
</tr>
<tr>
<td>(Reassignments)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Assistants</td>
<td>(New)</td>
<td>$9,920,032</td>
<td>$11,105,306</td>
<td>$11,728,715</td>
<td>$12,080,576</td>
<td>$12,442,994</td>
<td>$57,277,623</td>
</tr>
<tr>
<td>(Reallocated)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clerical/Staff</td>
<td>(New)</td>
<td>$169,396</td>
<td>$178,546</td>
<td>$184,152</td>
<td>$185,482</td>
<td>$186,932</td>
<td>$904,508</td>
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<tr>
<td>(Reallocated)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplies &amp; Materials</td>
<td></td>
<td>$32,243</td>
<td>$56,743</td>
<td>$84,343</td>
<td>$66,543</td>
<td>$30,743</td>
<td>$270,615</td>
</tr>
<tr>
<td>Library &amp; Instructional Technology Resources*</td>
<td></td>
<td>$4,941,400</td>
<td>$4,779,200</td>
<td>$4,817,200</td>
<td>$4,922,900</td>
<td>$4,965,590</td>
<td>$24,426,290</td>
</tr>
<tr>
<td>Facilities and Equipment*</td>
<td></td>
<td>$481,700</td>
<td>$490,200</td>
<td>$504,100</td>
<td>$499,200</td>
<td>$502,700</td>
<td>$2,477,900</td>
</tr>
<tr>
<td>Travel</td>
<td></td>
<td>$863,400</td>
<td>$871,900</td>
<td>$879,400</td>
<td>$880,400</td>
<td>$880,400</td>
<td>$4,375,500</td>
</tr>
<tr>
<td>Org Development and Committee Support</td>
<td></td>
<td>$283,500</td>
<td>$1,290,500</td>
<td>$300,000</td>
<td>$1,318,000</td>
<td>$325,000</td>
<td>$3,517,000</td>
</tr>
<tr>
<td>Professional Services</td>
<td></td>
<td>$26,027</td>
<td>$26,377</td>
<td>$26,377</td>
<td>$26,377</td>
<td>$26,677</td>
<td>$131,835</td>
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<tr>
<td>Dues and Memberships</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
*Equipment has the meaning established in the Texas Administrative Code §252.7(3) as items and components whose cost are over $5,000 and have a useful life of at least one year.

### Anticipated Sources of Funding

Complete the table to show the dollar amounts anticipated from various sources to cover any and all new costs to the institution as a result of the proposed doctoral program. Use the Non-Formula Sources of Funding form to specify as completely as possible each non-general revenue source.

<table>
<thead>
<tr>
<th>Funding Category</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
<th>5th Year</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Formula Funding*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$22,000,000</td>
</tr>
<tr>
<td>II. Other State Funding</td>
<td>$4,400,000</td>
<td>$4,400,000</td>
<td>$4,400,000</td>
<td>$4,400,000</td>
<td>$4,400,000</td>
<td>$22,000,000</td>
</tr>
<tr>
<td>III. Reallocation of Existing Resources</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$1,000,000</td>
<td>$5,000,000</td>
</tr>
<tr>
<td>IV. Federal Funding (In-hand only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V. Other Funding</td>
<td>$15,245,496</td>
<td>$17,768,302</td>
<td>$22,793,393</td>
<td>$27,115,934</td>
<td>$27,739,383</td>
<td>$110,662,508</td>
</tr>
<tr>
<td>TOTALS</td>
<td>$20,645,496</td>
<td>$23,168,302</td>
<td>$28,193,393</td>
<td>$32,515,934</td>
<td>$33,139,383</td>
<td>$137,662,508</td>
</tr>
</tbody>
</table>

*Use the Formula Funding Calculation Tool on the Coordinating Board web site to estimate income from the State. See also the Guidelines for Institutions
### Non-Formula Sources of Funding

Complete the table to specify, as completely as possible, each of the non-formula funding sources for the dollar amounts listed on the Anticipated Sources of Funding form.

<table>
<thead>
<tr>
<th>Funding Category</th>
<th>Non-Formula Funding Sources</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>II. Other State Funding</strong></td>
<td></td>
</tr>
<tr>
<td>#1 HEF funds from UNTHSC will be used to cover the annual facilities and equipment costs for the School of Medicine.</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td></td>
</tr>
<tr>
<td><strong>III. Reallocation of Existing Resources</strong></td>
<td></td>
</tr>
<tr>
<td>#1 Local funds will be reallocated by UNTHSC to cover the salaries and benefits of three key School of Medicine administrators.</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td></td>
</tr>
<tr>
<td><strong>IV. Federal Funding</strong></td>
<td></td>
</tr>
<tr>
<td>#1</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td></td>
</tr>
<tr>
<td><strong>V. Other Funding</strong></td>
<td></td>
</tr>
<tr>
<td>#1 Endowment earnings contributed by TCU and other donors; and operating gifts and contributions from Other donors and area health systems.</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td>Student tuition paid via registration at TCU.</td>
</tr>
<tr>
<td>-----</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>#3</td>
<td>TCU has agreed to underwrite any deficits for the School of Medicine, should they be necessary.</td>
</tr>
</tbody>
</table>
H. Institutional and Board of Regents Signature Page for Board Consideration

1. **Adequacy of Funding** – The Chief Executive Officer shall sign the following statement:

   *I certify that the institution has adequate funds to cover the costs of the new program. Furthermore, the new program will not reduce the effectiveness or quality of existing programs at the institution.*

   
   _______________________________                      _______________________________
   
   Chief Executive Officer                     Date

2. **Reimbursement of Consultant Costs** – The Chief Executive Officer shall sign the following statement:

   *I understand that the doctoral proposal process includes the use of external reviewers. In the event that one or more external reviewer are contracted to review a doctoral proposal put forward by my institution, I understand that my institution will be required to reimburse the Texas Higher Education Coordinating Board for costs associated with the use of such expert reviewers. By signing, I agree on behalf of my institution to provide reimbursement for reviewer costs.*

   
   _______________________________                      _______________________________
   
   Provost/Chief Executive Officer                     Date

3. **Board of Regents Certification of Criteria for Board Consideration** -- The Board of Regents or designee must certify that the new program has been approved by the Board of Regents and meets the fourteen criteria under Texas Administrative Code (TAC) Section 5.46.

   *On behalf of the Board of Regents, I certify that the new program meets the fourteen criteria specified under TAC Section 5.46 and has been approved by the Board of Regents.*

   
   _______________________________                      _______________________________
   
   Board of Regents (Designee)                     Date
H. Board of Regents
Signature Page for Commissioner Consideration

4. **Board of Regents Certification of Criteria for Commissioner or Assistant Commissioner Consideration** – Typically proposals for doctoral programs are approved by the Board, supported with a recommendation for approval by the Commissioner. Under very limited circumstance a program may be approved by the Commissioner. In this case only, the Board of Regents or designee must certify that the new program meets the criteria under Texas Administrative Code (TAC) Section 5.50 (b) and (c).

TAC §5.50(b) The program:

(1) has a curriculum, faculty, resources, support services, and other components of a degree program that are comparable to those of high quality programs in the same or similar disciplines at other institutions;
(2) has sufficient clinical or in-service sites, if applicable, to support the program;
(3) is consistent with the standards of the Commission of Colleges of the Southern Association of Colleges and Schools Commission on Colleges and, if applicable, with the standards or discipline-specific accrediting agencies and licensing agencies;
(4) attracts students on a long-term basis and produce graduates who would have opportunities for employment; or the program is appropriate for the development of a well-rounded array of basic baccalaureate degree programs at the institution;
(5) does not unnecessarily duplicate existing programs at other institutions;
(6) does not be dependent on future Special Item funding;
(7) has new five-year costs that would not exceed $2 million.

TAC §5.50 (c) The program:

(1-2) is in a closely related discipline to an already existing doctoral program(s) which is productive and of high quality;
(3) has core faculty that are already active and productive in an existing doctoral program;
(4) has a strong link with workforce needs or the economic development of the state; and
(5) the institution has notified Texas public institutions that offer the proposed program or a related program and resolved any objections.

On behalf of the Board of Regents, I certify that the new program meets the criteria specified under TAC Section 5.50 (b and c) and has been approved by the Board of Regents.

_____________________________                      __________________
Board of Regents (Designee)                      Date
Appendix A: Course Descriptions and Prescribed Sequence of Courses
Required Course and Clerkship Descriptions

PHASE 1

MEDICAL SCHOOL AND CLINICAL IMMERSION
Description The Medical School and Clinical Immersion course introduces students to the culture of medical school and medicine and the importance of medicine as a calling rather than a job. The course prepares students to engage in the academic workload and pedagogy of medical school as well as to understand the role and impact of health and disease on patients, families and society. During this course, the students receive their initial instruction in basic science, course and theme areas and become acquainted with each other through social events and team-building exercises. They begin student learning development activities that orient students to the technology tools, resources, and learning and assessment methods. They are experientially introduced to both academic and personal support systems. The Medical School and Clinical Immersion culminates with the White Coat Ceremony and reading of the student generated class oath.

Course Weeks 3
Course Director Virginia Watson, MD, MS

FOUNDATIONS
Description The Foundations course covers introductory or basic material sufficient to prepare the students for subsequent more detailed courses to follow. Topics will include anatomy, biochemistry, physiology, pathology, immunology, microbiology, genetics/genomics, histology, pharmacology, etc.

Course Weeks 7
Course Director Imran Siddiqui, PhD (Interim)

BEHAVIOR, HEMATOLOGY, IMMUNOLOGY AND SKIN
Description The Behavior, Skin, Immunology, Hematology course will provide 1) foundational information on the structure, function and abnormalities of the components of human blood, 2) elements responsible for the immune system and inflammatory processes, 3) information on the structure, function and abnormalities of the skin, and 4) principles on normal and abnormal behavior, and will prepare the students to integrate this knowledge into the subsequent organ system courses.

Course Weeks 7
Course Director Virginia Watson, MD, MS (Interim)
Module Directors Brandy Roane, PhD (Behavioral); Catherine Harrell, MD (Skin); Rance Berg, PhD (Immunology); Virginia Watson, MD, MS (Immunology); Veronica Tatum, MD (Hematology)
HOMEOSTASIS

Description The Homeostasis course is designed to provide instruction in the basic and clinical sciences required for examination and treatment of disorders of the cardiovascular, pulmonary and renal systems. This course will provide a comprehensive and in-depth study of these sciences, including cardiac and vascular anatomy and histology, cardiac electrophysiology and arrhythmias, cardiac function, peripheral vascular disease, cardiovascular risk factors (including lipid physiology and pathophysiology), valvular disease, coronary artery heart disease and blood pressure control, normal and abnormal pulmonary and renal physiology, histology, embryology and acid-base balance. Clinical aspects of obstructive, restrictive and interstitial pulmonary diseases will be covered. Various clinical abnormalities of the renal and genitourinary systems will be discussed. The course will include pathophysiology, pharmacology, histology, clinical anatomy, embryology, genetics, genomics, as well as clinical presentation, prevention and treatment of diseases of the cardiovascular, pulmonary and renal systems. In addition to the above topics, aspects of pharmacology, microbiology, imaging, and diagnostics will be presented.

Course Weeks 11
Course Director Imran Siddiqui, PhD
Module Directors Senthil Thambidorai, MD (Cardiovascular); Saravanan Balamuthsuamy, MD (Renal); Steven Davis, MD (Pulmonary)

NEUROMUSCULOSKELETAL

Description The Neuromusculoskeletal course will provide a comprehensive overview of the musculoskeletal and nervous systems. Specific topics will include neuroanatomy, neurophysiology, neuropharmacology, neurochemistry, neuro-immunology and infection, neuropathology, neurobiology and neurology, axial and appendicular skeleton, muscles, ligaments and tendons. Emphasis will be on neuroanatomy, the mechanisms of disease, differential diagnoses, interpretation of tests and procedures, evaluation of results involving brain pathology along with application of specific treatment interventions in the management of patients with central nervous system disease. Neuroimaging will also be introduced and the student will be expected to correlate CT and MRI images with gross and microscopic specimens. Clinical topics focused on in this course include movement disorders, head trauma, stroke, altered mental states (memory loss, dementia, delirium, coma), seizures, headache, and sleep problems. Additional topics include normal and abnormal mechanism of the development of tissues and the pathophysiological mechanism of various disease processes including trauma in both pediatric and adult patients. The rehabilitative aspects of care will also be discussed.

Course Weeks 9
Course Director Mary Quiceno, MD
Module Directors Hugo Sanchez, MD, PhD (Musculoskeletal); Eric B. Gonzales, PhD (Neuro)
METABOLISM AND LIFE CYCLE
Description The Metabolism and Life Cycle course is designed to facilitate foundational understanding of the metabolism, reproduction and life cycle development. Topics include the gastrointestinal system, including the processes of digestion, absorption and metabolism of key nutrients and how these processes are modulated by the liver and endocrine and exocrine systems; how these homeostatic mechanisms are perturbed to produce obesity, diabetes and other selected ailments; and the basis of how these perturbations can be treated and/or prevented by lifestyle and pharmacologic means. Additionally the importance of nutrition and its role in health and disease will be explored, including areas such as fad diets, nutrition as a component of disease treatment and appropriate use of artificial feeding and nutrition. Reproduction, sexuality, and endocrinology related to the gonadal, growth hormone, prolactin, adrenocortical and thyroid axes will be covered, as well as alterations that occur across the life span Additional facets of normal physiological, selected pathophysiological and pharmacological aspects pertinent to unique stages of the human life span such as, pregnancy, lactation, infancy, childhood, adolescence and aging will be included.

Course Weeks 11
Course Director Veronica Tatum, MD
Module Directors Deidi Bergestuen, MD (GI); Lyn Dart, PhD (Nutrition); Chris Bajaj, MD (Endocrinology); Shanna Combs, MD (Interim-Reproduction); Jeanine Ratliff, MD (Life-Cycle)

EXPLORE AND DISCOVER
Description The Explore and Discover course is designed for each student to develop and complete a self-directed course of activity personalized to meet individual needs or desires to further one’s medical education. The course provides students with curricular time to pursue flexible individualized independent learning activities to further their medical education. Students will select one or more activities to complete during the course.

Course Weeks 4
Course Director Brandy Roane, PhD

CLINICAL SKILLS
Description The Clinical Skills is a longitudinal course graded each semester that will prepare the student to be a functional member of the medical care team by instilling the necessary skills as outlined. Working within the medical school’s integrated organ systems-based curriculum, this course covers communication, history taking, physical examination, and critical thinking skills defined as core competencies. Each session is divided into modules which typically include an orientation, live demonstration, physical exam practice, standardized patient (SP) encounter, focused SOAP note documentation exercise, oral presentation exercise and/or SOAP note dissection, vocabulary exercise, listening tutorial, a pathophysiology integration exercise and/or case summary.

Course Weeks Varies; 23 weeks, 25 weeks
Course Director  Deidi Bergestuen, MD; Karim Jamal, MD (Assistant Director)

SCHOLARLY PURSUIT AND THESIS
Description  The Scholarly Pursuit and Thesis (SPT) course is a longitudinal course graded each semester that is designed to teach critical inquiry through evidence-based approaches in research. The SPT course is integrated longitudinally throughout the School of Medicine curriculum to empower students to learn about medical information literacy within a culture dedicated to lifelong learning, teamwork, ethical practice and effective communication. Students work closely with mentors, the Course Director, and program staff to develop a scholarly research prospectus and culminating thesis. At the end of the four-year longitudinal course, students present their projects to the community at a research symposium showcasing their findings and innovative ideas for the future of medical research.

Course Weeks  Varies; 23 weeks and 25 weeks
Course Director  Michael Bernas; Tristan Tayag, PhD (Assistant Director)

PREPARATION FOR PRACTICE
Description  The Preparation for Practice course is a longitudinal course graded each semester with content integrated within the curriculum designed to prepare the student for the practical aspects of medicine. This will be accomplished in a developmental manner with foundational concepts and principles in the first one to two years and building to more complex and difficult topics and applications in the last two years. Experiential and application driven techniques will be utilized throughout this course. The course also provides opportunities for the students to come together for collaborative and reflective time in their process of becoming a physician. Curricular formats and learning strategies will vary to accommodate the variety of content and learning.

Course Weeks  Varies; 23 weeks and 25 weeks
Course Director  Erin Nelson, PsyD
Theme Leads  Virginia Watson, MD, MS (IPE); TBN (Aging); Stuart Pickell, MD (Ethics); Paul Bhella, MD (Healthcare Delivery, Policy, and Advocacy); Chase Crossno, MPH (Community and Public Health); Tim Niacaris, MD (Biomedical Informatics); Zygmunt Gryczynski, PhD (Technology and Advances in Medicine); Erin Nelson, PsyD (Mental and Behavioral Health); Jose Gonzalez, MD (Social Determinants of Health); TBN (Evidence Based Medicine)

INTRODUCTION TO LONGITUDINAL PATIENT CARE
Description  The Introduction to Longitudinal Patient Care is a longitudinal course graded each semester that will give students early exposure to the patient care and the health care system during bi-monthly clinical experiences with a preceptor. The student will be responsible for identifying 1-2 patients throughout the year to continue during Phase 2 and a taper off in Phase 3. The goals of this course will be an exposure to the foundations of clinical practice and health care delivery with an emphasis on the patient experience, interacting with the health care team and best practices for communication.
PHASE 2

TRANSITION TO LONGITUDINAL INTEGRATED CLERKSHIP

Description The Transition to Longitudinal Integrated Clerkship course will prepare students for the phase 2 LIC expectations across the multiple clerkship domains.

Course Weeks 2
Course Number MEDS 8XXX2
Course Director TBN

FAMILY MEDICINE

Description The Longitudinal Integrated Clerkship in Family Medicine is centered on lasting, caring relationships with patients and their families. It will focus on the integration of the biological, clinical and behavioral sciences to provide continuing and comprehensive health care for patients of all ages and both genders. The student will understand the role of serving as the patient’s or family’s advocate in all health-related matters, including the appropriate use of consultants and community resources. The experience will allow for ample opportunity for each student to acquire knowledge about community resources and their appropriate uses. A solid understanding of the Social Determinants of Health is a main goal of the clerkship as students work with health care teams to eliminate barriers to access and care.

Course Weeks 40
Course Director Whitney LeFevre, MD

INTERNAL MEDICINE

Description The Longitudinal Integrated Clerkship in Internal Medicine is designed to expose students to in-patient and ambulatory experiences that will serve as a foundation throughout their professional lives as physicians.

The focus of this experience will be on developing an understanding of the integration of basic and clinical science. Students will be exposed to patients with common chronic medical conditions, including diabetes mellitus, obstructive and restrictive pulmonary disease, common cardiac conditions, thyroid disease, common chronic gastrointestinal, liver and biliary tract diseases, among others.
The Internal Medicine Clerkship will encompass activities in several subspecialty areas. While students may not master all of Internal Medicine by the end of the year, students are expected to achieve a level of responsibility in the in-patient and ambulatory setting appropriate for a third year medical student including independent data gathering, critical assessment of the data, development of differential diagnoses and management plans, and communication of data to other health professionals and to patients.

**Course Weeks 43**  
**Course Director** Saji Pillai, MD

**PSYCHIATRY**  
**Description** The goal of the Psychiatry Longitudinal Integrated Clerkship is to introduce students to the core principles of the medical specialty of Psychiatry. The experience will focus on common psychiatric and behavioral patient problems encountered by all physicians. The clerkship will prepare the student to understand the role of mental illness on all aspects of patient care and will prepare the student to appropriately assess, manage and/or refer patients. The students will understand the roles of various healthcare providers addressing mental health and learn to function as a team in the best interest of the patients served.

**Course Weeks 40**  
**Course Director** Brian Dixon, MD

**SURGERY**  
**Description** The goal of the Surgery Longitudinal Integrated Clerkship is to introduce the student to the principles of caring for the surgical patient. The student is expected to participate in the care of patients in the various stages of evaluation and treatment by surgeons, including the preoperative office or clinic visit, inpatient admission, operative procedure and inpatient/outpatient recovery. Through this exposure, the student will begin to understand the general process of the application of surgical therapy to patients in a wide variety of settings. Furthermore, by participating as a member of the surgical team, the student will observe the role of the surgeon as a member of the multidisciplinary team that provides care for the patient.

**Course Weeks 43**  
**Course Director** TBN

**OBSTETRICS AND GYNECOLOGY**  
**Description** The Obstetrics and Gynecology Longitudinal Integrated Clerkship provides an introductory experience in the provision of comprehensive medical care and counseling services to female patients across all ages. Normal and complicated obstetrical care and common
gynecological issues will be addressed as the primary focus for this clerkship experience allowing the students to follow patients over time. In addition the student will be exposed to more serious or less common conditions as well. The primary goal for the clerkship is to introduce the clinical information fundamental in the education of all physicians.

**Course Weeks 43**  
**Course Director** Shanna Combs, MD

**PEDIATRICS**
**Description** The goal of the Pediatrics Longitudinal Integrated Clerkship is to provide medical students with an appreciation and understanding of the pediatric patient and family members. The student will learn about wellness and prevention, common acute illnesses, common chronic conditions, behavior and development and applied genetics in the context of the pediatric population. Attention will be paid to caring for both patient and family. Societal issues facing children as well as interpersonal challenges will also be addressed.

**Course Weeks 41**  
**Course Director** TBN

**NEURGOLOGY**
**Description** The Neurology Longitudinal Integrated Clerkship is designed to teach medical students the principles and skills needed to recognize and manage the neurological diseases that a general medical practitioner is most likely to encounter in practice. Implicit in this is the ability to recognize the problems of the nervous system that require neurological consultation. Students will learn to perform a thorough neurologic history and examination by the completion of this rotation. The role of the faculty is to provide guidance, stimulation, support and example.

**Course Weeks 40**  
**Course Director** TBN

**EMERGENCY MEDICINE**
**Description** The purpose of this Longitudinal Integrated Clerkship rotation is to give students an exposure to emergency medicine. Students will be assigned Emergency Department shifts throughout Phase 2, including night and weekend shifts. The primary goal of this clerkship is to provide the student with the experiences and training so the student develops the skills needed to evaluate the undifferentiated patient. However the student will also follow a patient assigned in other LIC clerkships whenever the patient goes into the Emergency Department. The student will function as a sub-intern in the emergency department with responsibility for the initial evaluation of patients. Students will learn to obtain a history, perform a physical examination, and develop a differential diagnosis, treatment plan, and disposition. The student will learn how
to assess patients quickly and begin treatment without necessarily having a definitive diagnosis. Students will also be exposed to the social aspects of medicine – quickly forming relationships with patients and families; exposure to social ills such as homelessness and violence; and dealing with the limitations of medicine – uninsured patients and patients with chronic diseases who are noncompliant.

**Course Weeks** 40  
**Course Director** Adam Jennings, MD

**CLINICAL SKILLS**  
**Description** The Clinical Skills course will prepare the student to be a functional member of the medical care team by instilling the necessary skills as outlined. Working within the medical school’s integrated organ systems-based curriculum, this course covers communication, history taking, physical examination, and critical thinking skills defined as core competencies. Each session is divided into modules which typically include an orientation, live demonstration, physical exam practice, standardized patient (SP) encounter, focused SOAP note documentation exercise, oral presentation exercise and/or SOAP note dissection, vocabulary exercise, listening tutorial, a pathophysiology integration exercise and/or case summary.

**Course Weeks** Varies; 23 weeks and 32 weeks  
**Course Number** Deidi Bergestuen, MD; Karim Jamal, MD (Assistant Director)

**SCHOLARLY PURSUIT AND THESIS**  
**Description** The Scholarly Pursuit and Thesis (SPT) course is a four-year longitudinal course designed to teach critical inquiry through evidence-based approaches in research. The SPT course is integrated longitudinally throughout the School of Medicine curriculum to empower students to learn about medical information literacy within a culture dedicated to lifelong learning, teamwork, ethical practice and effective communication. Students work closely with mentors, the Course Director, and program staff to develop a scholarly research prospectus and culminating thesis. At the end of the four-year longitudinal course, students present their projects to the community at a research symposium showcasing their findings and innovative ideas for the future of medical research.

**Course Weeks** Varies; 23 weeks and 32 weeks  
**Course Director** Michael Bernas; Tristan Tayag, PhD (Assistant Director)

**PREPARATION FOR PRACTICE**  
**Description** The Preparation for Practice course is a longitudinal course graded each semester with content integrated within the curriculum designed to prepare the student for the practical aspects of medicine. This will be accomplished in a developmental manner with foundational concepts and principles in the first one to two years and building to more complex and difficult topics and applications in the last two years. Experiential and application driven techniques will be utilized throughout this course. The course also provides opportunities for the students to
come together for collaborative and reflective time in their process of becoming a physician. Curricular formats and learning strategies will vary to accommodate the variety of content and learning.

**Course Weeks** Varies; 23 weeks and 32 weeks  
**Course Director** Erin Nelson, PsyD  
**Theme Leads** Virginia Watson, MD, MS (IPE); TBN (Aging); Stuart Pickell, MD (Ethics); Paul Bhella, MD (Healthcare Delivery, Policy, and Advocacy); Chase Crossno, MPH (Community and Public Health); Tim Niacaris, MD (Biomedical Informatics); Zygmunt Gryczynski, PhD (Technology and Advances in Medicine); Erin Nelson, PsyD (Mental and Behavioral Health); Jose Gonzalez, MD (Social Determinants of Health); TBN (Evidence Based Medicine)

### PHASE 3

**CRITICAL CARE SELECTION**  
**Description** The Critical Care Selective is a required four week rotation that has an emphasis on the management of the critically ill patient. Students will be exposed to the basics of resuscitation and management of the critically ill patient, as well as the associated diagnoses, physiology, pharmacology, team dynamics and procedures that are common in the intensive care unit.

**Course Weeks** 4  
**Course Director** TBN

**SUB-INTERNSHIP**  
**Description** The Sub-Internship is a required selective where students will perform in the role of the “acting intern”. The clinical care provided will occur primarily in the inpatient setting. There will be increased responsibilities of the students compared to their Phase 2 Clerkship experiences. The goal will be for the students to be the primary provider for the initial evaluation and continued care of the patient under the supervision of the attending physician.

**Course Weeks** 4  
**Course Director** TBN

**PREPARATION FOR RESIDENCY BOOT CAMP**  
**Description** Students will have an intensive five week course to cover an advanced approach to such topics as clinical skills, procedures, communication, advanced basic sciences and leadership skills to prepare the students to begin their residency programs.

**Course Weeks** 5  
**Course Director** TBN
FINAL REFLECTIONS: THE ART OF MEDICINE
Description This final three week course will serve as an opportunity for the student to reflect on their four years of experience during medical school and explore medicine as a calling and profession instead of simply a career. This course will include small group learning and a seminar format. There will also be interprofessional team learning with senior students from other programs.

Course Weeks 3
Course Director TBN

SCHOLARLY PURSUIT AND THESIS
Description Course continued as described earlier.

Course Weeks Varies; 41 weeks and 41 weeks
Course Director Michael Bernas; Tristan Tayag, PhD (Assistant Director)

PREPARATION FOR PRACTICE
Description Course continued as described earlier.

Course Weeks Varies; 41 weeks and 41 weeks
Course Director Erin Nelson, PsyD
Theme Leads Virginia Watson, MD, MS (IPE); TBN (Aging); Stuart Pickell, MD (Ethics); Paul Bhella, MD (Healthcare Delivery, Policy, and Advocacy); Chase Crossno, MPH (Community and Public Health); Tim Niacaris, MD (Biomedical Informatics); Zygmunt Gryczynski, PhD (Technology and Advances in Medicine); Erin Nelson, PsyD (Mental and Behavioral Health); Jose Gonzalez, MD (Social Determinants of Health); TBN (Evidence Based Medicine)
Appendix B: Five (5) Year Recruitment Plan
Appendix: Five (5) Year Recruitment Plan

**Inaugural Faculty Search (n=46)**
The school of medicine announced a call for faculty to submit formal interest in serving as curricular leaders for the curriculum development and implementation. The Search Committee distributed an announcement regarding the call for community physicians and current TCU and UNTHSC PhD faculty to express interest in serving as faculty for the following inaugural faculty positions:

- Phase 1 course and module directors (n=23)
- Theme faculty leads (n=9)
- Physician development coaches (n=5)
- Phase 2 clerkship directors (n=9)

This initial call for inaugural faculty was distributed to the local physician community and all PhD faculty at both TCU and UNTHSC via email March 2017. The initial call was also distributed via email to the 143 individuals who between July 2016 and March 2017 had met with the vice dean for educational affairs and accreditation and had expressed interest in being engaged as faculty with the school of medicine. This call was also distributed to chief medical officers at John Peter Smith (JPS) Health System, Baylor All Saints Hospital, Texas Health Harris Methodist Hospital, and to the chief medical officers for groups in the Dallas/Fort Worth (DFW) area that have expressed an interest in engaging with the school of medicine. Based on this initial announcement, the school received 83 responses from physicians and PhD faculty from the DFW metroplex who were interested in being engaged with the educational mission of the school of medicine. The faculty Search Committee invited and interviewed all 83 individuals from this inaugural faculty pool.

From the 83 inaugural search meetings and from discussions with the 143 local physicians and basic scientists, the school of medicine has appointed a total of 104 faculty, including faculty to serve as course directors, module directors, clerkship directors, theme lead faculty, physician development coaches, as well as thirty-seven (35) faculty to serve as members of the Curriculum Design Task Forces (groups of basic science and clinical faculty to provide input into the planning of each individual Phase 1 course).

**Phase 1 Basic Science Education Faculty Search (n=6)**
After reviewing the available faculty members from the Curriculum and Medical Student Committee and from the inaugural faculty pool, the school of medicine determined that additional basic science faculty were still needed to deliver and implement the basic science content across the curriculum. The school of medicine faculty Search Committee drafted a position description and a national advertisement to recruit up to six (6) full-time Phase 1 basic science education faculty to serve as course and module directors, content application faculty, and longitudinal content experts for the basic science curriculum throughout Phase 1, Phase 2, and Phase 3. The advertisements for the basic science education faculty were posted for 30 days in national journals and websites, including the online and print version of Diverse Issues in Higher Education; online at InsideHigherEd.com; AAMC Career Connect. In addition, both positions were circulated nationally through the DR-ED listserv.

The school of medicine received 79 applications for the full-time basic science education positions. The Faculty Search Committee has reviewed all the basic science educational faculty applicants and has appointed three of the initial six faculty. The school plans to finalize the appointment of this initial cohort of full-time basic science educators by the end of Spring 2018.

**Faculty and Course Director, Medical Student Research Project and Thesis Search (n=1)**
The school has posted a national advertisement to identify and recruit one (1) faculty member to serve as the course director for the Scholarly Pursuit and Thesis (SPT) course. The Search Committee has reviewed 17 applications for the SPT course director position. After reviewing the initial pool, it was determined to re-visit the position duties and re-post this position in August 2017, with an anticipated appointment date of this course leader before January 2018.

**Diversity Recruitment Strategies for National Searches:**

For the national searches, the Search Committee adhered to the TCU Faculty Recruitment Policy and worked closely with the chief inclusion officer to identify active recruitment strategies to attract diverse faculty candidates to these positions. The Search Committee and the TCU chief inclusion officer reviewed the applicant pool for the two national searches, and following review of the EEO report for each of the positions, the TCU chief inclusion officer approved the diversity of the applicant pool prior to inviting candidates to campus for interview.

For the local search, the Search Committee reviewed the diversity of the candidates ensuring representation across gender and race/ethnicity when extending invitations to serve in school of medicine curricular leadership roles.

**Academic Year 2017-18 Recruitment:**

<table>
<thead>
<tr>
<th>Faculty Role:</th>
<th>Number of Open Positions:</th>
<th>Search Status:</th>
<th>Anticipated Appointment Date:</th>
<th>FTE (per position)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phase 1 Faculty</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basic Science Education Faculty</td>
<td>6</td>
<td>National search selection in process by Search Committee. Posted April 2017. Positions closed June 1, 2017.</td>
<td>August 30, 2017</td>
<td>1.0 FTE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The school has appointed three (3) of the full-time basic science educators and plans to do a targeted search for up to two (2) physiologists Fall 2017.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 1 Course Directors</td>
<td>7</td>
<td>Posted March 2017. Positions closed May 15, 2017.</td>
<td>August 1, 2017</td>
<td>.20-.30 FTE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The school has appointed five (5) of the Phase 1 course directors. It is anticipated that the remaining two (2) will be identified in conjunction with the appointment of full-time basic science faculty.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 1 Module Directors</td>
<td>14</td>
<td>Posted March 2017. Positions closed May 15, 2017.</td>
<td>October 30, 2017</td>
<td>.05-.10 FTE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>The school has appointed 12 of the Phase 1 module faculty. The remaining two (2) module director positions are being recruited through active</td>
<td></td>
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</tr>
</tbody>
</table>
recruitment strategies with our local clinical partners. The school of medicine anticipates identifying and appointment the remaining three module directors by end of October 2017.

| Clinical Skills Faculty (Assistant Director) | 2 | Community physician recruitment. The school of medicine has appointed the first of two (2) assistant directors. The 2nd position will be posted October 2017 with an anticipated start date of January 1, 2018. | Fall 2017 | .50 FTE |

**Phase 2 Faculty**

| Phase 2 Clerkship directors | 9 | Community physician recruitment. Selection in process by Search Committee. Posted March 2017. The school of medicine has appointed five (5) of the clerkship directors. The remaining four (4) clerkship director positions are being recruited through active recruitment strategies with our local clinical partners. | August 30, 2017 | .30 - .40 FTE |

**Longitudinal Faculty/Courses**

| Theme Faculty Lead | 9 | Community physician and faculty - Posted March 2017. Positions closed May 15, 2017. The school has appointed nine (9) of the theme faculty lead faculty. The Preparation for Practice course director is working with associate dean for faculty affairs and development and the vice dean for educational affairs and accreditation to identify a theme lead for the health care delivery theme. | August 30, 2017 | .10 FTE |


| 2017 Total Faculty: | 52 role-specific faculty positions to be appointed before end of MAY 2017. |

**Academic Year 2018-19 Recruitment:**

The school of medicine plans to continue to identify clinical preceptor faculty, electives faculty, scholarly project mentors, and other faculty to contribute to the diversity of experiences and learning for our medical students.
<table>
<thead>
<tr>
<th>Faculty Role</th>
<th>Number of Positions</th>
<th>Search Status</th>
<th>Anticipated Appointment Date</th>
<th>FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase 2 Faculty</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 2 Longitudinal Integrated Clerkship (LIC) Preceptors</td>
<td>60</td>
<td>Community physician recruitment - To be announced and opened locally fall 2018</td>
<td>Spring 2019</td>
<td>Stipend for 10-month clerkship</td>
</tr>
<tr>
<td>Phase 3 Faculty</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electives Director</td>
<td>1</td>
<td>Community physician recruitment - To be announced and opened fall 2018</td>
<td>Spring 2019</td>
<td>.20 FTE</td>
</tr>
<tr>
<td>Longitudinal Faculty/Courses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physician Development Coaches</td>
<td>11</td>
<td>To be posted spring 2018</td>
<td>Fall 2018</td>
<td>.50 FTE</td>
</tr>
<tr>
<td>Scholarly Pursuit and Thesis Mentors</td>
<td>30</td>
<td>To be posted spring 2018</td>
<td>Fall 2018</td>
<td>In kind</td>
</tr>
<tr>
<td>2018 Total Faculty:</td>
<td>102 faculty positions anticipated to be appointed in academic year 2018-19.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Academic Year 2019-20 Recruitment:**

<table>
<thead>
<tr>
<th>Faculty Role</th>
<th>Number of Positions</th>
<th>Search Status</th>
<th>Anticipated Appointment Date</th>
<th>FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase 1 Faculty</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Skills Faculty</td>
<td>25</td>
<td>To be posted fall 2018</td>
<td>Spring 2019</td>
<td>.10 FTE</td>
</tr>
<tr>
<td>Content Application Session Faculty</td>
<td>24</td>
<td>To be posted fall 2018</td>
<td>Spring 2019</td>
<td>.10-.30 FTE</td>
</tr>
<tr>
<td>Phase 2 Faculty</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LIC Preceptors</td>
<td>360</td>
<td>To be recruited locally fall 2018</td>
<td>Spring 2019</td>
<td>Stipend for 10-month clerkship</td>
</tr>
<tr>
<td>Phase 3 Faculty</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 3 Critical Care Selective Faculty</td>
<td>3</td>
<td>To be posted fall 2018</td>
<td>Spring 2019</td>
<td>.10-.20</td>
</tr>
<tr>
<td>Phase 3 Electives Faculty</td>
<td>60</td>
<td>Community physician recruitment - To be announced and opened spring 2019</td>
<td>Fall 2019</td>
<td>In-kind</td>
</tr>
<tr>
<td>Longitudinal Faculty/Courses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scholarly Pursuit and Thesis Mentors</td>
<td>30</td>
<td>To be posted spring 2019</td>
<td>Summer 2019</td>
<td>In kind</td>
</tr>
</tbody>
</table>
Summary of Current and Anticipated Recruitments 2017-2020:

During the next three years, the school of medicine will recruit and appoint an additional 600 faculty to implement and deliver the four-year curriculum.

On-going Faculty Recruitment 2020 and Beyond:

The school of medicine anticipates the need for the on-going recruitment of Phase 1 faculty to participate in the content-application sessions, clinical skills, simulation activities and other small group sessions. In addition, the school of medicine will continue to recruit and identify Phase 2 LIC preceptors in each of the clerkships to ensure an appropriate number of clinical training sites for the medical students. The director for electives will continue to build a robust catalog of Phase 3 electives including the recruitment of elective course faculty. The director for the Scholarly Pursuit and Thesis course will continually recruit and develop mentors to oversee medical students’ research projects, expanding both the number of mentors as well as the breadth and diversity of research topics.
Appendix C: Institution’s Policy on Faculty Teaching Load
The TCU and UNTHSC School of Medicine will develop its own school-specific, comprehensive workload policy that will address teaching load limitations once the course schedule and credit hours have been finalized. It is anticipated that the workload policy will be bound by the FTE of the faculty member and reflective of the total efforts towards the faculty member’s primary and supporting academic areas of accomplishment (i.e., Teaching and Educational Leadership; Investigation; Clinical Innovations and Improvement; Service and Administration; and Community Engagement).
## Appendix D: Itemized List of Capital Equipment Purchases During the Past Five Years

<table>
<thead>
<tr>
<th>Item</th>
<th>Description of Capital Item</th>
<th>Amount</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LCMS+ (LMS/CMS Software)</td>
<td>$72,500</td>
<td>Just Completed</td>
</tr>
<tr>
<td></td>
<td>Resolution Applications</td>
<td>$23,000</td>
<td>Faculty Management Software (annual</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>subscription pricing model)</td>
</tr>
<tr>
<td></td>
<td>CAE (Simulation and Clinical Skills SW &amp; Servers)</td>
<td>$300,000</td>
<td>In process</td>
</tr>
</tbody>
</table>
Appendix E: Librarian’s Statement of Adequate Resources
Library Resources for the TCU/UNTHSC MD School

October 17, 2017

The new MD program will have available for use the existing scholarly and clinical resources from both the Gibson D. Lewis Health Science Library at UNTHSC and TCU’s Mary Couts Burnett Library. Lewis Library’s collection offers approximately 11,000 electronic journals, 14,700 print and electronic books, and 119 searchable databases in the biomedical sciences, clinical medicine, public health, and affiliated fields. Of special note, the library offers an electronic version for nearly all of the required textbooks for the medical, physician assistant, physical therapy, and pharmacy programs. The Mary Couts Burnett Library at TCU has over 11,000 journals, substantial book budget support and more than 50 databases in the medicine, nursing, biology, chemistry and health related disciplines.

Both libraries have been reviewing their collections to determine if the MD program will create a need for any new or unique resources that are not already held by the libraries. Lewis Library’s Collection Development Committee recently completed a review of other medical library holdings and performed a bibliographic analysis to determine the adequacy of existing resources in serving the needs of the new school. Based on the review, only one commonly held item, the clinical tool UpToDate, was noted as lacking from Lewis Library’s collection. A subscription to UpToDate has now been added. The libraries are investigating electronic licensing rights and will work to ensure the new MD students have 24x7, worldwide access to the pertinent electronic resources of both institutions.

Both the Lewis Library and the Mary Couts Burnett Library maintain TexShare memberships that allow School of Medicine students, staff, and faculty physical access to and borrowing privileges from the majority of public and private institutions of higher education in Texas. Lewis Library also has quick access (24-hour turnaround) to a robust print collection of medical books and journals held in the Joint Library Facility, a state-maintained print repository available for use by health science institutions in Texas.

Together, the two libraries allocate over $8,350,000 each year to obtain print and electronic scholarly and clinical resources. The TCU library spends approximately $6,700,000 on a broad range of resources that will support the new program while Lewis Library devotes about $1,650,000 to the purchase of biomedical resources alone. This commitment of financial resources along with the libraries’ large personnel and service commitments make us confident that there are sufficient resources already in place to support the needs of the proposed program.

Dr. June Koelker
Library Dean
Texas Christian University

Daniel Burgard
Executive Director of Library and Information Services
University of North Texas HSC
Appendix F: Articulation Agreements with Partner Institutions
VISION STATEMENT AND AGREEMENT
BETWEEN
TEXAS CHRISTIAN UNIVERSITY
AND
UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER

This Vision Statement and Agreement is made and entered into effective as of the 29th day of September 2017 (the “Effective Date”), by Texas Christian University (“TCU”) and by University of North Texas Health Science Center (“UNTHSC”) to set forth the Institutions’ vision for the future and further agreement regarding development of a joint allopathic medical school (“School of Medicine”).

WHEREAS, the Institutions’ vision of a jointly offered M.D. degree through a unique collaboration between TCU, a private co-educational liberal arts university, and UNTHSC, a public institution with a well-recognized osteopathic program, will leverage resources and address the high cost of education by combining resources and strengths to provide sustainability for the School of Medicine.

WHEREAS, the Institutions’ vision will improve access to care, address societal problems in the Fort Worth community, and prepare the next generation of physicians to provide care as delivery is informed by technologies, therapies, and approaches even yet to be imagined.

WHEREAS, UNTHSC brings a unique ability to educate medical students and provide faculty and resident development in a setting and atmosphere that promotes collaboration and cooperation between allopathic and osteopathic programs as graduate medical education transitions to a single accreditation system.

WHEREAS, the type of collaboration sought by TCU and UNTHSC is unique and the Institutions commit to work with the Accrediting Bodies and the Texas State Higher Education Coordinating Board to ultimately achieve their vision.

WHEREAS, the Institutions have entered into an Amended and Restated Collaboration Agreement of even date herewith, and pursuant to this Vision Statement and Agreement the Institutions desire to further define their vision for the future of the School of Medicine.

NOW, THEREFORE, for and in consideration of the mutual covenants set forth in this Vision Statement and Agreement and for other good and valuable consideration, the adequacy, receipt and sufficiency of which are hereby acknowledged, the Institutions hereby agree as follows:

1. TCU and UNTHSC will work together and with LCME and SACSCOC to determine and establish a process for accreditation of the School of Medicine as a joint M.D. program and for awarding a joint TCU/UNTHSC M.D. degree. In recognition of the strength and sustainability that this joint collaboration brings to the School of Medicine, the Institutions will establish a joint degree program as soon as possible. It is the vision of the parties that application for accreditation of a joint degree program will occur as soon as reasonably possible;
the parties recognize that the actual timeline is dependent upon the Accrediting Bodies’ policies and processes as well as the requirements of the Texas Higher Education Coordinating Board.

2. For and in consideration of UNTHSC’s collaborative support for TCU’s application for accreditation of the School of Medicine, TCU hereby commits to cooperate and assist UNTHSC in seeking: (a) approval from the Texas Higher Education Coordinating board for UNTHSC to offer and confer an M.D. degree; (b) approval from SACSCOC for UNTHSC to offer a joint M.D. degree program with TCU; and (c) accreditation by LCME for UNTHSC to confer a joint M.D. degree with TCU.

3. In conjunction with establishing a joint M.D. program and awarding a joint M.D. degree, TCU and UNTHSC will develop such agreements as they may mutually determine necessary to govern the operations of the School of Medicine and as necessary to be fully compliant with all legal and accreditation requirements.

4. For and in consideration of TCU’s commitment to establish the School of Medicine as a joint M.D. program, and to advance UNTHSC’s mission of providing medical education through this collaboration with TCU, UNTHSC hereby initially commits to providing in-kind contributions in an amount up to $5.4 million per Fiscal Year of: (a) classroom, laboratory, clinical training, research, and Student services space as necessary for the School of Medicine to achieve its educational, clinical, and research missions; (b) Student services, library services, information technology software, equipment, infrastructure, and support; (c) faculty and staff; and (d) clinical training opportunities. Space assigned to the School of Medicine at UNTHSC will be given priority use and scheduling as required by LCME and be more particularly described in a space utilization plan and facilities use agreement.

5. TCU and UNTHSC will work to secure clinical affiliation rotation sites and clinical training opportunities to support the Curriculum requirements of the School of Medicine.

6. TCU and UNTHSC will work to develop Graduate Medical Education opportunities to support graduates of the School of Medicine.

7. TCU and UNTHSC will develop and enter into any other agreements they may mutually determine to be necessary to support the operations of the School of Medicine, that are fully compliant with all provisions of current Texas law and will ensure that the status of students and the award of the Degree is consistent with current legal and accreditation requirements. The Institutions are committed to the joint development and operation of the School of Medicine in Fort Worth, consistent with legal and accreditation requirements. The Institutions acknowledge that TCU is making the initial application for accreditation as the M.D. degree conferring Institution. The Institutions intend, subject to accreditation processes and standards, for the M.D. degree to be conferred jointly at a later date, and will each use their best efforts to achieve accreditation of a joint School of Medicine program.

8. Capitalized terms not otherwise defined in this Vision Statement and Agreement shall have the meaning afforded to them in the Amended and Collaboration Agreement.
This Vision Statement and Agreement is entered into to be effective as of the Effective Date.

TEXAS CHRISTIAN UNIVERSITY

By: 
Mark L. Johnson
Chairman of the Board
Date: 10/9/2017

By: 
Victor J. Boschini, Jr., Ed.D.
Chancellor
Date: 10/9/2017

UNIVERSITY OF NORTH TEXAS
HEALTH SCIENCE CENTER

By: 
Brint Ryan
Chairman, Board of Regents
Date: 9/29/2017

By: 
Lee Jackson, M.P.A.
Chancellor
Date: 10/2/17

By: 
Michael R. Williams, D.O., M.D., M.B.A.
President
Date: 10/3/17
AMENDED AND RESTATED COLLABORATION AGREEMENT
BETWEEN
TEXAS CHRISTIAN UNIVERSITY
AND
UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER

DATED AS OF SEPTEMBER 29, 2017
AMENDED AND RESTATED COLLABORATION AGREEMENT

BETWEEN

TEXAS CHRISTIAN UNIVERSITY

AND

UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER

This Amended and Restated Collaboration Agreement is made and entered into effective as of the 29th day of September, 2017 (the “Effective Date”), by and between TEXAS CHRISTIAN UNIVERSITY (“TCU”) and UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER (“UNTHSC”), with reference to the following facts:

RECITALS

WHEREAS, TCU is a private, coeducational liberal arts university located in Fort Worth, Texas, whose mission is to educate individuals to think and act as ethical leaders and responsible citizens in the global community. TCU is composed of eight schools and colleges: (i) AddRan College of Liberal Arts; (ii) College of Science and Engineering; (iii) M. J. Neeley School of Business; (iv) College of Education; (v) Harris College of Nursing and Health Sciences; (vi) College of Fine Arts; (vii) Bob Schieffer College of Communication; and (viii) John V. Roach Honors College.

WHEREAS, UNTHSC is a graduate-level professional institution of the University of North Texas System (“UNTS”) located in Fort Worth, Texas, whose vision and mission is to be the team of choice for education, discovery, and healthcare, and to create solutions for a healthier community. UNTHSC is composed of five separate schools of study: (i) Texas College of Osteopathic Medicine; (ii) Graduate School of Biomedical Sciences; (iii) School of Public Health; (iv) School of Health Professions; and (v) University of North Texas System College of Pharmacy.

WHEREAS, each of TCU and UNTHSC (sometimes collectively referred to as the “Institutions,” and individually as an “Institution”) have independently considered developing a premier allopathic medical school in Fort Worth in addition to the schools of study they presently offer.

WHEREAS, the Institutions are each committed to enhancing their existing schools and colleges through faculty and student recruitment and development, academic and professional research, strategic partnerships, and increased financial and academic resources, and to this end, are interested in a unique collaboration of the two Institutions for the planning, implementation, ongoing management and degree programs of an allopathic medical school.

WHEREAS, the Institutions’ vision of a jointly offered Degree through a unique collaboration between TCU, a private co-educational liberal arts university, and UNTHSC, a public institution with a well-recognized osteopathic program, could leverage resources and address the high cost of education by creating a unique and collaborative education ecosystem.
WHEREAS, likewise, the vision will improve access to care, address societal problems in the Fort Worth community, and prepare the next generation of physicians to provide care as delivery is informed by technologies, therapies and approaches even yet to be imagined.

WHEREAS, the type of collaboration sought by TCU and UNTHSC is unique and the Institutions commit to work with the Accrediting Bodies and the Texas State Higher Education Coordinating Board to ultimately achieve their vision.

WHEREAS, the Institutions entered into a Collaboration Agreement dated effective February 25, 2016 ("Original Collaboration Agreement"), to set forth their initial understanding concerning their collaborative development and operation of the School of Medicine, and now pursuant to this Agreement, seek to amend the terms the Original Collaboration Agreement to provide for the initial development, management and operation of the School of Medicine under a structure currently accepted by the Accrediting Bodies and the Texas State Higher Education Coordinating Board to facilitate the initial accreditation and approval of the School of Medicine by the same. Under such structure, initially (a) TCU will develop and operate the School of Medicine with collaborative support from UNTHSC as contemplated in this Agreement, (b) the School of Medicine will be governed by the Board of Trustees of TCU and (c) the Degree will be conferred by TCU.

WHEREAS, this Agreement sets forth the strengths of the vision of the Institutions, and will guide and direct TCU and UNTHSC with respect to their collaboration, and working arrangements and subsequent agreements in furtherance thereof, to develop the School of Medicine to provide high quality learning experiences for Students through a unique and collaborative education ecosystem.

WHEREAS, the Institutions agree that this Agreement will supersede in all respects the Original Collaboration Agreement.

NOW, THEREFORE, for and in consideration of the mutual covenants set forth in this Agreement and for other good and valuable consideration, the adequacy, receipt and sufficiency of which are hereby acknowledged, the Institutions hereby agree as follows:

ARTICLE I
DEFINITIONS

1.01 DEFINITIONS. For purposes of this Agreement, capitalized words used in this Agreement will have the meanings set forth below unless otherwise specified or a different meaning or intent clearly appears from the context.

"Accrediting Body" means either, as applicable, LCME or SACSCOC.

"Accrediting Bodies" means LCME and SACSCOC, collectively.

"Agreement" means this Amended and Restated Collaboration Agreement as the same may be amended from time to time in accordance with its terms.
“Annual Gifts Fund” has the meaning contemplated at Section 3.04 of this Agreement.

“Chief Financial Officer” means the chief financial officer of TCU.

“Claim” has the meaning set forth at Section 5.01(a) of this Agreement.

“Confidential Information” has the meaning set forth at Section 7.02 of this Agreement.

“Curriculum” means the educational curriculum of the School of Medicine.

“Dean” means the Dean of the School of Medicine.

“Degree” means the School of Medicine M.D. degree.

“Dispute” means any and all unresolved issues or decisions, questions, claims, controversies or disputes arising out of or relating to this Agreement, and the validity, construction, meaning, performance, effect, breach or Material Breach of this Agreement.

“Distributable Amounts” has the meaning set forth at Section 3.05(d) of this Agreement.

“Effective Date” means September 29, 2017.

“Endowment and Cash Management Agreement” has the meaning contemplated at Section 3.02 of this Agreement.

“Endowment Payout Fund” has the meaning contemplated at Section 3.05(d) of this Agreement.

“Facilities” includes, but is not limited to, administration offices, research facilities, clinical facilities, classrooms, laboratories, libraries and Student space.

“Faculty” means faculty of the School of Medicine.

“First Institution” has the meaning set forth at Section 4.04 of this Agreement.

“Fiscal Year” means the twelve-month period beginning June 1 to May 31; provided, however, the final Fiscal Year is the period commencing on the last June 1 prior to the termination of this Agreement following the Wind Down Period and continuing through the termination of this Agreement following the Wind Down Period.

“Governmental Authority” means all agencies, authorities, bodies, boards, commissions, courts, instrumentalities, legislatures and offices of any nature of any federal, state, county, district, municipal, city, foreign or other government or quasi-
governmental unit or political subdivision, including, without limitation, the Accrediting Bodies.

“Initial Term” has the meaning set forth at Section 4.01 of this Agreement.

“Institution” and “Institutions” have the meaning set forth in the Recitals.

“Investment Assets” means the publicly traded common stocks and other equities, bonds and other debt instruments and cash and cash equivalents that are held and managed solely by TCU as part of the Medical School Endowment.

“Investment Returns” has the meaning set forth at Section 3.05 of this Agreement.

“LCME” means the Liaison Committee on Medical Education.

“Legal Requirements” means all statutes, ordinances, Bylaws, codes, rules, regulations, restrictions, orders, judgments, writs, injunctions, decrees, determinations or awards of any Governmental Authority having jurisdiction over it, its assets or operations.

“Master Agreement” has the meaning set forth at Section 8.04 of this Agreement.

“Material Breach” means a breach that (a) materially and substantially affects the ability of an Institution to perform its obligations under this Agreement, (b) materially and substantially interferes with the goals and underlying objectives of the School of Medicine and the Agreement or the collaboration between the Institutions or (c) constitutes a material and substantial failure to perform a material obligation under this Agreement.

“Medical School Endowment” has the meaning set forth at Section 3.05 of this Agreement.

“Medical School Funds” means any and all funds held for the sole benefit and operation of the School of Medicine. The term “Medical School Funds” will not include the TCU Endowment Contribution but will include the TCU Endowment Payout Support.

“Notice of Dispute Resolution Process” has the meaning set forth at Section 4.04(b) of this Agreement.

“Notice of Material Breach” has the meaning set forth at Section 4.04(a) of this Agreement.

“Other Institution” has the meaning set forth at Section 4.04 of this Agreement.

“Permanently Restricted” has the meaning contemplated at Section 3.02 of this Agreement.

“SACSCOC” means Southern Association of Colleges and Schools: Commission on Colleges.

“School of Medicine” means the allopathic medical school in Fort Worth to be developed by TCU with collaborative support from UNTHSC, as more particularly described herein.

“Student” or “Students” means a student or students of the School of Medicine.

“TCU” means Texas Christian University.

“TCU Endowment Contribution” has the meaning set forth at Section 3.05 of this Agreement.

“TCU Endowment Payout Support” has the meaning set forth at Section 3.05(a) of this Agreement.

“TCU Permanent Fund” has the meaning contemplated at Section 3.05 of this Agreement.

“Temporarily Restricted” has the meaning contemplated at Section 3.02 of this Agreement.

“Tuition and Fees Fund” has the meaning contemplated at Section 3.03 of this Agreement.

“Unrestricted” has the meaning contemplated at Section 3.02 of this Agreement.

“UNTHSC” means University of North Texas Health Science Center.

“UNTHSC Foundation” means the UNTHSC Foundation.

“UNTS” means University of North Texas System.

“Wind Down Period” means the five-year wind down period contemplated at Section 4.06 of this Agreement.

ARTICLE II
SCHOOL OF MEDICINE

2.01 DEVELOPMENT. TCU will develop and operate the School of Medicine with collaborative support from UNTHSC as contemplated in this Agreement.
2.02 **Governance.** The School of Medicine will be governed by the Board of Trustees of TCU. The Board of Trustees of TCU have delegated the management of the School of Medicine to the Chancellor of TCU who has in turn delegated authority to the Provost of TCU.

2.03 **Dean.** The Dean will exercise all power and authority as is required of a dean by the Accrediting Bodies. Consistent with the foregoing and subject to oversight by the Provost of TCU, the Dean is the Chief Academic Officer of the School of Medicine with authority over all elements of the School of Medicine education program. The Dean will perform those duties customarily performed by a dean of an allopathic medical school, including, but not limited to: (a) designing, implementing, managing, and evaluating the School of Medicine's educational program as a whole; (b) developing the Curriculum and facilitating change when modifications to the Curriculum are determined to be necessary; (c) recommending the hiring of School of Medicine faculty and staff; (d) supervising and assessing the adequacy of the performance of the School of Medicine faculty and staff; (e) facilitating the implementation of the Curriculum in collaboration with the School of Medicine faculty and staff; (f) making recommendations to the Provost for the appointment of such Associate and Assistant Deans, department chairs, leaders of other organizational units and staff as are necessary to accomplish the School of Medicine's vision, mission and short-term and long-term plans; (g) exercising managerial supervision over the implementation of the educational and School of Medicine faculty research programs; (h) evaluating and making recommendations regarding Facilities and equipment needs of the School of Medicine; (i) developing and expanding relationships in the community; (j) assisting with the development of philanthropy; (k) fostering the expansion of relationships with hospitals, healthcare delivery sites across the care continuum and physicians in the community; and (l) fostering collaboration and efficiency with all other health, science, and pre-med programs of the Institutions. Notwithstanding the responsibilities of other persons in the School of Medicine faculty and staff, the Dean will ultimately be responsible to assure educational program quality. Annually, the Dean, in conjunction with the Chief Financial Officer, will prepare a budget for the School of Medicine’s upcoming budget period operations ultimately to be approved by TCU. The Dean will have primary authority to operate the School of Medicine in accordance with the approved budget. The Dean will report to the Provost of TCU during his or her employment. The Dean will be an employee of TCU.

2.04 **Degree.** The Degree will be conferred by TCU.

2.05 **Accreditation.** TCU will initiate and take all steps necessary for licensure, accreditation and approval of the School of Medicine, including, without limitation, accreditation by the Accrediting Bodies.

2.06 **Name.** It is anticipated that a naming gift will be received from a donor, and that the name of the School of Medicine will include the name of both Institutions, and may be similar to "____ Medical School at TCU and UNTHSC." The name of the School of Medicine will not be thereafter changed for so long as this Agreement remains in effect without the express written consent of the Institutions.

2.07 **Responsibilities of the School of Medicine.** The Institutions acknowledge the following:
(a) The School of Medicine will provide Students, and Faculty where applicable, access to appropriate resources for medical school education.

(b) The School of Medicine will be responsible for the medical education program, Student affairs and the selection and assessment of Students.

(c) The Dean of the School of Medicine, as delegated by the TCU Provost, will be responsible for the appointment, development and assignment of Faculty with responsibility for teaching Students.

(d) TCU will be responsible for treatment and follow up when a Student is exposed to an infectious or environmental hazard or other occupational injury.

(e) The School of Medicine and its affiliates will bear shared responsibility for creating and maintaining an appropriate learning environment, with the School of Medicine responsible for ongoing monitoring.

(f) The School of Medicine will not discriminate against any employee, applicant or Student because of age, creed, gender identity, national origin, race, sex, sexual orientation or any other basis protected by law.

2.08 ACCESS TO RESOURCES FOR EDUCATION. To accomplish item (a) of Section 2.07 of this Agreement, TCU will provide the resources identified in this Section 2.08 for the School of Medicine at a minimum. TCU may collaborate with UNTHSC for UNTHSC to provide such resources. In such case, the manner in which UNTHSC will assist TCU may be the subject of one or more separate agreements between the Institutions that they may mutually determine to be necessary. Item (c) of this Section 2.08 is more particularly addressed at Section 2.15 of this Agreement. Item (e) of this Section 2.08 is more particularly addressed at Section 2.14 of this Agreement. Separate agreements are anticipated to be completed on or before February 1, 2018.

(a) Student services (e.g. Student health, wellness counseling and support services, tutoring and academic support services, etc.).

(b) Library resources (e.g., onsite/remote access to collections, evidence-based medicine/research support services, access support services, etc.).

(c) Facilities and equipment.

(d) Faculty with joint appointments in both TCU and UNTHSC.

(e) IT access (e.g., educational support technologies, email, Curriculum support platforms, general communications platforms, etc.).

(f) Staff support to Students and Faculty.

(g) Faculty development programs.
(h) Research opportunities.

(i) Inter-professional education opportunities (e.g., participation in opportunities for education experiences with inter-professional healthcare providers, and other professionals that contribute to the academic environment).

2.09 **Access to Additional Resources for Education.** The School of Medicine will maintain a positive, respectful and adequately resourced learning environment so that sound educational experiences can occur. To that end, TCU will provide Students and Faculty with access to appropriate resources for Student education including, but not limited to, the following:

(a) Access to Facilities in an appropriately supervised environment, in which the Students can complete the School of Medicine’s Curriculum.

(b) Student security badges or other means of secure access to required areas.

(c) Access and required training for Students in the proper use of all forms of electronic records, medical records or paper charts, as applicable.

(d) Computer access.

(e) Secure storage space for Students’ personal items.

(f) Access to lounge space and/or call rooms, if necessary.

TCU may collaborate with UNTHSC for UNTHSC to provide such resources. In such case, the manner in which UNTHSC will assist TCU may be the subject of one or more separate agreements between the Institutions that they may mutually determine to be necessary.

2.10 **Additional Responsibilities of the School of Medicine.** The Institutions also acknowledge the following:

(a) The Dean and Faculty will plan and determine the adequacy of the educational experience of the Students in theoretical background, basic skill, professional ethics, attitude and behavior.

(b) The Dean will retain ultimate authority for the education and assessment of its Students.

(c) The School of Medicine will ensure that Students are familiar with and in compliance with all applicable credentialing requirements (e.g., HIPAA, immunizations, criminal background, drug screening, etc.).

(d) The School of Medicine will advise Students that they are required to comply with the rules, regulations, policies and procedures of the School of Medicine and TCU.
(e) The School of Medicine will provide instruction to Faculty and School of Medicine staff with respect to the School of Medicine’s expectations regarding assessment of the Students.

2.11 Learning Environment. As indicated at Section 2.08 of this Agreement, the Dean and Faculty of the School of Medicine and academic and clinical affiliates are responsible for creating an appropriate learning environment that includes both formal learning activities and the attitudes, values and informal “lessons” conveyed by individuals who interact with the Students. The Dean, Faculty, academic and clinical affiliates and Students will cooperate to evaluate the learning environment to identify positive and negative influences on the maintenance of professional standards and to conduct and develop appropriate strategies to enhance the positive and mitigate the negative influences. Students will be required to adhere to the expectations set forth in Exhibit “A.”

2.12 Student Policies and Procedures. The Dean, in consultation with the Provost of TCU, and with Faculty involvement will establish and maintain policies and procedures distinct for School of Medicine Students, which may include, but not be limited to: (a) Student code of conduct; (b) Student orientation; (c) Student assessment, advancement and dismissal; (d) Student disciplinary action and appeal mechanisms; and (e) systems for addressing allegations of Student mistreatment.

2.13 Admissions. The Dean and a committee of the Faculty will develop (and revise from time to time as may be desired or needed) requirements and criteria for admission to the School of Medicine and an application procedure consistent with other national medical education programs. The School of Medicine’s admissions committee will have final authority for all admissions decisions. Students admitted to the School of Medicine will also be admitted to UNTHSC as non-degree seeking students.

2.14 Student Records. Student records will be maintained by the TCU Registrar. As indicated at Section 2.08 of this Agreement, TCU may seek UNTHSC’s assistance in providing information technology services, support and maintenance regarding student records connected to services provided on UNTHSC’s campus. In such case, TCU and UNTHSC will enter into a separate agreement regarding UNTHSC’s provision of such services.

2.15 Facilities. It is anticipated that components of the Curriculum will be offered at the campuses of both Institutions. UNTHSC commits to providing an in-kind contribution of classroom, laboratory, clinical training, research and Student services space as necessary for the School of Medicine to achieve its educational, clinical and research missions. TCU and UNTHSC will develop a space utilization plan for utilization of the Facilities at TCU and UNTHSC for the School of Medicine through the Fiscal Year ending 2028. TCU and UNTHSC will hereafter enter into a facilities use agreement with respect to TCU and UNTHSC Facilities to be utilized for the School of Medicine through the Fiscal Year ending 2028. Thereafter, each Fiscal Year, the Dean will consider the existing space utilization plan for utilization of the Facilities at the TCU and UNTHSC campuses for the School of Medicine and modify such space utilization plan as needed. Following the development and approval of any modified space utilization plan, the Institutions will revise their respective facilities use agreements, as needed.
ARTICLE III
FINANCIAL MATTERS

3.01 MEDICAL SCHOOL FUNDS. Except as otherwise provided in this Agreement, all funds held for the benefit of the School of Medicine will be held in private financial accounts managed and administered by TCU for the benefit of the School of Medicine. If funding from the State of Texas is subsequently received to support the School of Medicine, state funds will be held, managed, invested, and distributed for the sole benefit and operation of the School of Medicine in accordance with guidelines established by the State of Texas and in accordance with this Agreement and, if necessary, further agreement of the Institutions.

3.02 SOURCES AND CLASSIFICATION OF MEDICAL SCHOOL FUNDS. The anticipated sources of Medical School Funds, include, but are not limited to: (a) tuition and fees, (b) donor contributions, (c) research grants, contracts and indirect cost recovery, (d) endowment payout, and (e) other revenues as may be realized over time, including revenues from clinical affiliates. The sources of Medical School Funds will not include contributions from UNTHSC. For purposes of this Agreement, Medical School Funds will be classified as (a) “Unrestricted,” (b) “Temporarily Restricted” and (c) “Permanently Restricted,” as those terms are defined by the Federal Accounting Standards Board. Separate funds (and any sub-funds of such separate funds) will be maintained and managed by TCU under each classification of Medical School Funds subject to the Endowment and Cash Management Agreement entered into by the Institutions; provided, however, as described in the last two sentences of this Section 3.02. Medical School Funds may be maintained in separate funds and managed by UNTHSC as contemplated in those sentences. Amounts received each Fiscal Year will be added to the appropriate fund when received. At the conclusion of each Fiscal Year, the total net assets of each separate fund will be determined. Research funding awarded to either Institution for the School of Medicine will be maintained and managed by the Institution receiving the research funding.

3.03 TUITION AND FEES. Tuition and fees will be classified as Unrestricted and allocated to the Tuition and Fees Fund.

3.04 CONTRIBUTIONS TO THE SCHOOL OF MEDICINE. TCU and UNTHSC will instruct donors to make contributions for the School of Medicine directly to TCU or UNTHSC Foundation. As further described in this Section 3.04, such contributions will be held and the investment of such funds will be managed by TCU for the benefit of the School of Medicine. Contributions will be classified as Unrestricted, Temporarily Restricted or Permanently Restricted consistent with the terms of the donor’s contribution. Unrestricted annual gifts for the School of Medicine will be allocated to the Annual Gifts Fund. With respect to Temporarily Restricted and Permanently Restricted contributions, the documentation to be completed by the donor will provide an opportunity for the donor to designate how his, her or its contribution is to be utilized for the benefit of the School of Medicine and distributed to the extent any amount of the contribution remains in the event of a termination of this Agreement as contemplated at Section 4.07 of this Agreement.

(a) CONTRIBUTIONS FROM UNTHSC FOUNDATION. Upon UNTHSC Foundation’s receipt of any contribution to support the School of Medicine, UNTHSC Foundation will transfer the contribution to TCU for TCU to permanently include, invest
and hold among the Medical School Funds. With respect to any such contribution, UNTHSC Foundation will notify TCU of the classification and any restrictions imposed by the donor with respect to such contribution.

(b) **Contributions from TCU.** Upon TCU's receipt of any contribution to support the School of Medicine, TCU will transfer the contribution to permanently include, invest and hold among the Medical School Funds. With respect to any such contribution, TCU will notify UNTHSC of the classification and any restrictions imposed by the donor with respect to such contribution.

(c) **Source of Contributions.** Contributions for the School of Medicine will only be accepted from TCU, UNTHSC Foundation and private donors. Contributions from UNTHSC Foundation will have originated from private donors.

(d) **Termination.** As indicated in this Section 3.04, upon the termination of this Agreement, following the Applicable Wind Down Period, the contributions contemplated in this Section 3.04 that are held by TCU among the Medical School Funds will be divided as described at Section 4.07 of this Agreement.

(e) **Distributions.** Contributions to the School of Medicine will be utilized for the School of Medicine as contemplated at Sections 3.05 and 3.07 of this Agreement.

3.05 **Endowment.** TCU will hold and solely manage any and every endowment fund which will be utilized for ongoing support of the School of Medicine (the "Medical School Endowment"). TCU will designate Fifty Million Dollars ($50,000,000.00) of its funds to the Medical School Endowment (the "TCU Endowment Contribution") to be utilized for the benefit of the School of Medicine solely as TCU Endowment Payout Support subject to the provisions of this Section 3.05 below, and subject to Section 4.07(b)(i) of this Agreement. Subject to the provisions of this Section 3.05 below, the TCU Endowment Contribution will be allocated to a separate sub-fund of the Medical School Endowment to be referred to as the TCU Permanent Fund. It is contemplated that other endowment contributions to be made for the benefit of the School of Medicine will be made directly by the donors to TCU or UNTHSC Foundation; such endowment contributions will be held in one or more other sub-funds of the Medical School Endowment pursuant to investment management agreements to be entered into. Also, as may be determined from time to time, TCU may allocate certain other contributions, as may be provided for by donors, and other Medical School Funds to one or more sub-funds of the Medical School Endowment. The sub-funds of the Medical School Endowment may be invested with TCU's other endowment funds, and all investment income, including, without limitation, interest, dividends, royalties and rent, and all realized and unrealized gains and losses, net of all management fees and operational expenses permitted by the TCU Investment Policy, as may be amended from time to time, the investment management agreement(s) and the Endowment and Cash Management Agreement (the "Investment Returns"), attributable to the sub-funds of the Medical School Endowment will accrue to the respective sub-funds.

(a) **TCU Permanent Fund.** Each Fiscal Year, no more than five percent (5%) of the 12-quarter average market value of the Investment Assets as of December 31 of a particular fiscal year of the TCU Permanent Fund may be utilized for the School of
Medicine’s purposes ("TCU Endowment Payout Support"), unless the TCU Board of Trustees has authorized an endowment payout rate to exceed such limit. The TCU Permanent Fund may consist of the TCU Endowment Contribution and Investment Returns attributable to the TCU Permanent Fund. In addition, TCU in its sole discretion may add any other funds allocated by TCU from its respective funds to the TCU Permanent Fund.

(b) **OTHER RESTRICTED OR TEMPORARILY RESTRICTED SUB-FUNDS.** Except as the terms of a contribution may otherwise provide and subject to the provisions of Section 3.08 of this Agreement, each Fiscal Year no less than five percent (5%) of the 12-quarter average market value of the Investment Assets as of December 31 of a particular year of other Restricted or Temporarily Restricted sub-funds may be utilized for the School of Medicine’s purposes, provided that such payouts are consistent with the Texas Uniform Prudent Management of Institutional Funds Act, or successor statute.

(c) **UNRESTRICTED SUB-FUNDS.** Except as the terms of a contribution may otherwise provide and subject to the provisions of Section 3.08 of this Agreement, each Fiscal Year no less than five percent (5%) of the 12-quarter average market value of the Investment Assets as of December 31 of a particular year of Unrestricted sub-funds may be utilized for the School of Medicine’s purposes.

(d) **ENDOWMENT PAYOUT FUND.** At the beginning of each Fiscal Year, the amounts permitted or elected to be utilized for the School of Medicine’s purposes from the sub-funds of the Medical School Endowment (the “Distributable Amounts”) will be allocated to the Endowment Payout Fund and paid out during the year in support of the School of Medicine’s purposes. Although not required, at the end of each Fiscal Year, any unutilized amounts in the Endowment Payout Fund may be credited on a pro-rata basis to the various sub-funds in the Medical School Endowment based on the market value of each sub-fund on the last day of such Fiscal Year.

### 3.06 Priority of Spending

Each Fiscal Year, the priority of spending of the Medical School Funds for the benefit of the School of Medicine will be as follows:

(a) First – Tuition and Fees Fund;
(b) Next – Other Unrestricted Medical School Funds;
(c) Next – Annual Gifts Fund;
(d) Next – Other Unrestricted contributions;
(e) Next – Endowment Payout Fund.

At the conclusion of each Fiscal Year, the Chief Financial Officer will true-up the respective net assets in each of the funds contemplated above, and thus rebalance the funds contemplated above, to ensure that the above funding prioritizations are maintained.

### 3.07 Insufficient Medical School Funds to Satisfy Spending

In the event the assets in the funds contemplated in Section 3.06 above are insufficient to satisfy the spending required in a particular Fiscal Year, subject to the availability of funds as may be determined by the TCU Chief Investment Officer in conjunction with the Chief Financial Officer, amounts from
the Medical School Endowment sub-funds, exclusive of the TCU Permanent Fund, greater than the Distributable Amounts may be utilized to satisfy the deficiency. Such amounts utilized will be debited on a pro-rata basis from the various sub-funds of the Medical School Endowment, exclusive of the TCU Permanent Fund.

ARTICLE IV
TERM; TERMINATION; WIND DOWN PROCESS; REMEDIES

4.01 TERM. The initial term of this Agreement is fifty (50) years from the Effective Date ("Initial Term"), unless terminated earlier pursuant to the provisions of this Article.

4.02 SUBSEQUENT TERMS. Following the expiration of the Initial Term, this Agreement will automatically extend for additional successive twenty-five (25) year terms unless an Institution provides to the other Institution a written notice of termination no later than seven (7) years prior to the expiration of the then current term (including the Initial Term).

4.03 TERMINATION BY MUTUAL AGREEMENT. The Institutions may terminate this Agreement at any time by mutual written agreement on the terms and effective as of the date stipulated therein.

4.04 TERMINATION FOR MATERIAL BREACH. An Institution ("First Institution") may terminate this Agreement if (a) the other Institution ("Other Institution") commits a Material Breach of this Agreement and fails to cure such Material Breach as described at paragraph (a) below and (b) the First Institution complies with the terms of this Section 4.04 and the dispute resolution process set forth at Section 4.05 below.

(a) NOTICE. If the First Institution believes that the Other Institution has committed a Material Breach, the First Institution must provide to the Other Institution a written notice of the alleged Material Breach ("Notice of Material Breach"). If there is not a Dispute regarding the occurrence of a Material Breach, the Other Institution must immediately cure or initiate action that will cure the Material Breach within thirty (30) days after receipt of the Notice of Material Breach, or such longer period of time as may be reasonably necessary to cure any such Material Breach not reasonably susceptible to cure within such thirty (30) day period so long as the Other Institution diligently and continuously exercises reasonable efforts to cure and will in fact cure such Material Breach within a reasonable period of time.

(b) DISPUTE RESOLUTION. If there is a Dispute regarding the occurrence of a Material Breach or whether a Material Breach has been satisfactorily cured, the Other Institution must provide written notice stating such fact to the First Institution within ten (10) business days after the receipt of the Notice of Material Breach ("Notice of Dispute Resolution Process") or the allegation that the Material Breach has not been properly cured. Thereafter, the Institutions will immediately initiate and in good faith seek to complete the dispute resolution process set forth at Section 4.05 of this Agreement.

(c) RIGHT OF TERMINATION. Subject to Section 4.06 of this Agreement below, if the Institutions are unable to resolve the Dispute through the dispute resolution process
and if the Material Breach has not been cured as contemplated by Section 4.04(b) of this Agreement, at any time following completion of the dispute resolution process set forth at Section 4.05 of this Agreement, the First Institution may terminate this Agreement upon thirty (30) days’ notice to the Other Institution.

(d) **OTHER REMEDIES.** Notwithstanding anything to the contrary in this Agreement, the First Institution will maintain and be able to assert all other legal remedies against the Other Institution as a result of a Material Breach by the Other Institution or any other kind of default, breach or violation of this Agreement by the Other Institution, including the right to seek injunctive or other emergency relief.

4.05 **DISPUTE RESOLUTION PROCESS.**

(a) **NEGOTIATION.** If at any time there is an unresolved Dispute between the Institutions, within ten (10) business days following receipt of the Notice of Dispute Resolution Process, the Institutions will engage in good faith face-to-face negotiations in an attempt to resolve the Dispute with the appropriate officials from each Institution with the authority to resolve such dispute in attendance. If, after a four (4) week period during which the Institutions have engaged in such negotiations, the Institutions have not negotiated a resolution, the Institutions will choose a mutually agreeable neutral third party who will mediate the Dispute pursuant to Section 4.05(b) of this Agreement.

(b) **MEDIATION.** The Institutions will agree upon a mutually satisfactory mediator who will be qualified under the Texas Alternative Dispute Resolution Procedures Act (as it may be amended from time to time) or the rules and procedures of the American Health Lawyers Association Alternative Dispute Resolution Service (or any successor organization). If the Institutions are unable to agree upon a mutually satisfactory mediator, a mediator will be chosen pursuant to the rules and procedures of the American Health Lawyers Association Alternative Dispute Resolution Service (or any successor organization). The Institutions will participate in the mediation in good faith in accordance with the recommendations of the mediator and will follow the procedures for mediation as suggested by the mediator. Mediation will be non-binding and confidential to the extent permitted by law. The Institutions will share the expenses of mediation equally.

4.06 **WIND DOWN.**

(a) **WIND DOWN PERIOD.** Notwithstanding anything to the contrary in this Agreement, the final termination of this Agreement is subject to the wind down provisions set forth at this Section 4.06 of this Agreement. If an Institution provides a written notice of termination as contemplated at Section 4.02 of this Agreement, wind down operations must begin five (5) years prior to the scheduled termination date of the Agreement and the Agreement will end contemporaneously with the termination of this Agreement. Otherwise, this Agreement will continue for a minimum period of five (5) years beyond the date this Agreement would terminate (i.e., pursuant to Section 4.04 of this Agreement) to facilitate the orderly continuation of the School of Medicine programs.
and services (i.e., graduation, transfer, withdrawal, or teach-out of Students participating in or accepted for participation in the School of Medicine programs).

(b) **Continued Application of Terms of Agreement.** All terms and provisions of the Agreement will continue to apply during the Wind Down Period.

(c) **Continued Programs and Activities.** During the Wind Down Period, all of the programs and activities of the School of Medicine needed for the then existing Students to fulfill graduation requirements will continue. During the Wind Down Period, the Institutions will continue to support the School of Medicine and its programs and activities to the same extent as immediately prior to the Wind Down Period.

4.07 **Termination – Division of Medical School Funds.** Upon termination of this Agreement, following the applicable Wind Down Period, the Medical School Funds will be divided as hereinafter described following the satisfaction of all liabilities and obligations of the School of Medicine in accordance with the priority of spending as identified at Section 3.06 of this Agreement.

(a) **Unrestricted Assets.** To the extent Unrestricted assets remain. Unrestricted assets will be divided equally between TCU and UNTHSC Foundation. Unrestricted assets will not include the TCU Permanent Fund.

(b) **Temporarily Restricted Assets and Restricted Assets.** To the extent Temporarily Restricted assets and Restricted assets remain, such will be distributed consistent with donors’ restrictions and directives made at the time the contribution was received regarding how donors’ contributions are to be distributed in the event of a termination of the Agreement. To the extent Temporarily Restricted assets and Restricted assets remain following such distribution, the Temporarily Restricted assets and Restricted assets will be divided equally between TCU and UNTHSC Foundation unless the restrictions or temporary restrictions require otherwise.

(i) **TCU Permanent Fund.** Notwithstanding anything to the contrary in this Agreement, the TCU Permanent Fund will not be divided and will belong solely to TCU.

4.08 **Remedies in the Event of Material Breach.** Each Institution recognizes that the performance of its obligations under this Agreement are special, unique and extraordinary in character. Both Institutions stipulate and agree that the unique nature of this Agreement and the reputational and good will losses that would be occasioned as a result of the failure of the other Institution to perform all of its obligations under this Agreement mean that money damages would not be sufficient to compensate either Institution in the event of a Material Breach. Instead, the Institutions agree and stipulate that injunctive relief and/or specific performance as ordered by a Court of competent jurisdiction would be appropriate for any such Material Breach. Each Institution agrees that any such equitable relief for a Material Breach should be awarded without the need for any bond or financial assurance otherwise required by applicable law.
ARTICLE V
RISK MANAGEMENT

5.01  RISK MANAGEMENT. The Institutions recognize that during the term of this Agreement and thereafter, certain risk management issues, legal issues, claims or actions may arise which involve or could potentially involve the Institutions and their respective directors, trustees, officers, employees, agents, volunteers and servants. The Institutions further recognize the common interest both Institutions have in such risk management and the importance of cooperating with each other in good faith when such issues, claims or actions arise, to the extent that such cooperation does not violate any applicable laws, cause the breach of any duties created by any policies of insurance, or otherwise compromise the confidentiality of communications or information. Accordingly:

(a) Each Institution agrees to notify the other Institution within ten (10) days of its receipt of any lawsuits, claims, or notices of intent to file a lawsuit; investigations or inquiries by Accrediting Bodies; or investigations or inquiries by the State or Federal government in each that could reasonably be anticipated to impact the School of Medicine or otherwise relate to the activities contemplated by this Agreement (any such, a "Claim").

(b) Each Institution agrees to provide the other Institution with reasonable access to and copies of all records, subject to applicable confidentiality laws, which impact in any manner upon any Claim against the other Institution.

(c) Where the Institutions are named joint defendants in any Claim, it is the intent of the Institutions to cooperate and coordinate in the areas of risk management and control, claims investigation and litigation to the extent practicable and within appropriate considerations of and defense.

(d) If the Institutions are joint defendants in any Claim and are held to be jointly liable for negligent or intentional acts, then each Institution will contribute to the amount paid for such losses, damages, claims or fines (but not expenses, which will be borne by the Institution incurring such expenses) in proportion as is appropriate to reflect the liability of each Institution as determined by the court, governmental body, arbitrator(s) or other body adjudicating such Claim or the relative contribution between the Institutions.

(e) For all communications, joint actions and/or sharing of information under this Section 5.01, the Institutions agree to keep confidential all such communications, joint actions and/or information exchanged.

5.02  INSURANCE REQUIRED BY TCU. It is anticipated that TCU will acquire additional insurance coverage to cover its activities with respect to the School of Medicine. TCU will be reimbursed from Medical School Funds the amount representing the premiums attributable to such additional insurance coverage.
ARTICLE VI
REPRESENTATIONS AND WARRANTIES; COVENANTS

6.01 REPRESENTATIONS AND WARRANTIES OF TCU.

(a) **POWER.** TCU has the requisite power and authority to enter into this Agreement and to perform its obligations hereunder. The execution, delivery and performance by TCU of this Agreement are within its corporate powers and are not in contravention of the terms of its Certificate of Formation or Bylaws, as amended to date, and have been approved by all requisite corporate action.

(b) **BINDING AGREEMENT.** This Agreement and all instruments and agreements hereunder to which TCU is a party, or becomes a party by its subsequent execution thereof, will be valid and legally binding obligations of TCU, enforceable against it in accordance with the respective terms hereof and thereof.

(c) **NO CONFLICT WITH AGREEMENTS OR LAWS.** Neither the execution and delivery of this Agreement nor the performance of the activities contemplated herein by TCU will (i) violate or constitute a default under any contract, lease, agreement, mortgage, deed of trust, license or other instrument, or any order, judgment or ruling of any Governmental Authority to which TCU is a party or by which TCU is bound, or (ii) require any consent, approval, filing or notice under any provision of law, statute, rule or regulation applicable to TCU.

6.02 REPRESENTATIONS AND WARRANTIES OF UNTHSC.

(a) **POWER.** UNTHSC has the requisite power and authority to enter into this Agreement and to perform its obligations hereunder. The execution, delivery and performance by UNTHSC of this Agreement are within its powers, are not in contravention of its constitutional and statutory authority, and have been approved by all requisite action.

(b) **BINDING AGREEMENT.** This Agreement and all instruments and agreements hereunder to which UNTHSC is a party, or becomes a party by its subsequent execution thereof, will be valid and legally binding obligations of UNTHSC, enforceable against it in accordance with the respective terms hereof and thereof.

(c) **NO CONFLICT WITH AGREEMENTS OR LAWS.** Neither the execution and delivery of this Agreement nor the performance of the activities contemplated herein by UNTHSC will (i) violate or constitute a default under any contract, lease, agreement, mortgage, deed of trust, license or other instrument, or any order, judgment or ruling of any Governmental Authority to which UNTHSC is a party or by which UNTHSC is bound, or (ii) require any consent, approval, filing or notice under any provision of law, statute, rule or regulation applicable to UNTHSC, except as may be set forth in this Agreement. To the fullest extent permitted by law, UNTHSC fully intends to waive any claim of immunity otherwise applicable to any claim of breach of this Agreement.
6.03 COVENANTS OF TCU.

(a) MAINTENANCE OF ORGANIZATION. TCU will continue to be duly organized and validly existing and in good standing under the laws of the State of Texas.

(b) ABSENCE OF CONFLICTS. TCU will not permit, cause to occur or agree to any limitation or restriction on the conduct of its operations or its obligations under or reasonably contemplated under this Agreement.

(c) LEGAL AND REGULATORY COMPLIANCE. TCU will conduct its operations, including, without limitation, the performance of its obligations under this Agreement, in material compliance with all Legal Requirements and will timely file all material reports, data and other information required to be filed with Governmental Authorities.

(d) PERMITS AND LICENSES; ACCREDITATION. TCU will obtain and maintain in good standing and full force and effect all material licenses and permits required in the operations of TCU. TCU Facilities will be, at all times during the term of this Agreement, in compliance with all applicable accreditation requirements, and TCU will not permit any provisions in or agreements relating to any such accreditations which would preclude or limit the operation of the School of Medicine as contemplated under this Agreement. TCU will take all steps reasonably necessary to correct all deficiencies noted in any report of an Accrediting Body or licensing agency.

6.04 COVENANTS OF UNTMSC.

(a) ABSENCE OF CONFLICTS. UNTMSC will not permit, cause to occur or agree to any limitation or restriction on the conduct of its operations or its obligations under or reasonably contemplated under this Agreement.

(b) LEGAL AND REGULATORY COMPLIANCE. UNTMSC will conduct its operations, including, without limitation, the performance of its obligations under this Agreement, in material compliance with all Legal Requirements and will timely file all material reports, data and other information required to be filed with Governmental Authorities.

(c) PERMITS AND LICENSES; ACCREDITATION. UNTMSC will obtain and maintain in good standing and full force and effect all material licenses and permits required in the operations of UNTMSC. UNTMSC Facilities will be, at all times during the term of this Agreement, in compliance with all applicable accreditation requirements, and UNTMSC will not permit any provisions in or agreements relating to any such accreditations which would preclude or limit the operation of the School of Medicine as contemplated under this Agreement. UNTMSC will take all steps reasonably necessary to correct all deficiencies noted in any report of an Accrediting Body or licensing agency.
ARTICLE VII
CONFIDENTIALITY

7.01 AGREEMENT. To the extent permitted by law, the Institutions agree to keep the contents of this Agreement confidential and not to disclose such contents to any third party without the written consent of the other Institution unless required by law or for regulatory or accreditation purposes. Yet, either Institution may disclose to any third party that the Agreement exists.

7.02 CONFIDENTIAL INFORMATION. The Institutions acknowledge that in connection with the performance of their respective responsibilities under this Agreement, an Institution may obtain certain confidential information and trade secrets of the other Institution which may include, but not be limited to, budgets, strategic plans, financial statements, internal memoranda, technology, and other materials, records and/or information of a proprietary nature ("Confidential Information"). Neither Institution will use the Confidential Information of the other Institution except in connection with the performance of its responsibilities under this Agreement. Likewise, neither Institution will divulge the Confidential Information to a third party unless the other Institution consents in writing or such use or disclosure is required by law.

Upon termination of this Agreement following the applicable Wind Down Period, an Institution will not take or retain any Confidential Information (or copies thereof) of the other Institution except as required by law. Without limiting other possible remedies for the breach of this covenant, the Institutions agree that, to the extent allowed by law, the aggrieved Institution will be entitled to specific performance and injunctive relief, without bond or other security, and without proof of actual damages, to enforce this provision.

7.03 REQUEST FOR INFORMATION. UNTHSC will provide written notice to TCU as soon as reasonably possible if it receives any request or demand under the Texas Public Information Act from a third party for any TCU Confidential Information. In addition, UNTHSC will, to the maximum extent permitted by law, assist and cooperate with TCU if TCU desires to assert that any such TCU Confidential Information should not be disclosed to such third party. In the event an Institution, or any of its representatives, is legally compelled to disclose any Confidential Information, prior to such disclosure, it will provide the other Institution with advance written notice and a copy of the documents and information sought to be disclosed, so that the Institution may seek a protective order or other appropriate remedy to protect its interests in the Confidential Information, and the Institution will furnish only that portion of the Confidential Information that it is advised by a written opinion of legal counsel that it is required to disclose.

ARTICLE VIII
MISCELLANEOUS

8.01 NOTICE. All notices and other communications which are required or are permitted to be given under this Agreement must be in writing and will be deemed to have been duly given upon the delivery or receipt thereof, as the case may be, if delivered personally, sent by expedited mail pursuant to a nationally recognized mail service or via facsimile transmission. Said notice must be made at the appropriate address or facsimile number for the respective party as follows:
TCU: Texas Christian University  
2800 South University Drive  
P.O. Box 297401  
Fort Worth, Texas 76129  
Attention: Board Chair and Chancellor  
Facsimile: (817) 257-7373  

With a copy to:  
Kelly Hart & Hallman LLP  
201 Main Street, Suite 2500  
Fort Worth, Texas 76102  
Facsimile: (817) 878-9280  
Attention: Dee J. Kelly, Jr.  

UNTHSC: University of North Texas Health Science Center  
3500 Camp Bowie Boulevard  
Fort Worth, Texas 76107  
Attention: President  
Facsimile: (817) 735-2486  

University of North Texas System  
1901 Main Street, Suite 700  
Dallas, Texas 75201  
Attention: Board Chair  
Facsimile: (214) 752-8827  

With a copy to:  
Vice Chancellor and General Counsel  
University of North Texas System  
1900 Main Street, Suite 700  
Dallas, Texas 75201  
Facsimile: (214) 752-8827  
Attention: Nancy S. Footer  

Notices personally delivered are deemed effective upon receipt. Notices delivered by mail will be effective five (5) days after mailing. Notices sent via facsimile with a return receipt are deemed effective upon receipt; provided, however, if the transmission is received after 5:00 p.m. in the recipient party’s time zone on a weekday, or on a nationally recognized holiday or during the weekend, said notice will not be effective until the following business day.

8.02 ASSIGNMENT. This Agreement will inure to the benefit of and be binding upon the Institutions and their respective successors and assigns; provided, however, this Agreement may not be assigned by either Institution without the prior written consent of the other Institution.
8.03 **SEVERABILITY.** If any provision of this Agreement is held to be invalid, illegal or unenforceable for any reason and in any respect, such invalidity, illegality or unenforceability thereof will not affect the remainder of this Agreement, which will be in full force and effect, enforceable in accordance with its terms.

8.04 **ENTIRE AGREEMENT.** This Agreement will supersede in all respects the Original Collaboration Agreement. This Agreement and any other agreements not otherwise superseded between the Institutions contemplated in this Agreement together constitute a "**Master Agreement**" between the Institutions which represents the final agreement between the Institutions and may not be contradicted by evidence of prior, contemporaneous or subsequent oral agreements of the Institutions. There are no unwritten oral agreements between the Institutions. A Material Breach of any agreement included within the term Master Agreement is deemed a Material Breach of this Agreement; therefore, an Institution may declare a Material Breach hereunder and will be entitled to exercise any right or remedy with respect to this Agreement, including, without limitation, the right to terminate this Agreement pursuant to the provisions of **Article V** of this Agreement.

8.05 **AGREEMENT REGARDING IMMUNITY.** To the fullest extent allowed by law, UNTHSC hereby relinquishes and waives any and all rights to immunity from liability, sovereign or otherwise, if any (including any defenses related thereto), in connection with any and all obligations created under the Master Agreement. In the event of any material breach, UNTHSC acknowledges that TCU may seek a waiver of immunity to allow for the filing of suit and recover from UNTHSC and/or any other appropriate waivers from the Texas Legislature and UNTHSC specifically agrees not to oppose such requested waiver(s) and further specifically agrees not to object to TCU’s efforts to obtain such waiver(s). UNTHSC specifically acknowledges that its agreements set forth in this **Section 8.05** are a material factor, material inducement and material condition to TCU’s willingness to enter into this Agreement and the Master Agreement. Nothing in this Agreement (including this **Section 8.05**) should be construed as an admission by TCU of UNTHSC’s right to immunity from suit or a waiver of TCU’s right to seek a declaratory judgment concerning any provision, right, dispute or material breach under the Master Agreement, including, without limitation, this Agreement.

8.06 **AMENDMENT.** This Agreement may only be amended in writing signed by authorized representatives of both TCU and UNTHSC.

8.07 **AUTONOMY.** Under this Agreement, both TCU and UNTHSC will continue to be autonomous and governed independently by their respective governing bodies.

8.08 **RELATIONSHIP.** For purposes of this Agreement, the Institutions will not be deemed partners, nor will the relationship between them be considered a joint venture. It is expressly understood that TCU is not constituted as an agent of UNTHSC and UNTHSC is not constituted as an agent of TCU. Neither Institution has the power or authority to bind the other Institution or contract in the name of the other Institution. Likewise, the collaboration between TCU and UNTHSC is not intended to, and will not have the effect of, (a) changing the private and independent status of TCU; (b) merging the Institutions; or (c) entitling TCU to public funds
or property under the Texas Constitution or any laws or regulations of the State of Texas (other than funds available to private institutions or their students).

8.09 **Responsibility for Obligations of the Other.** Neither Institution will be responsible for the debts or other obligations of the other.

8.10 **Counterparts: Facsimile.** This Agreement may be executed in one or more counterparts, each of which will be deemed an original, all of which together will constitute one and the same instrument. Execution copies of this Agreement may be delivered by facsimile or email transmission.

8.11 **Governing Law; Venue.** This Agreement will be governed by, and construed in accordance with, the laws of the State of Texas. Venue in any action or proceeding involving this Agreement will be in Tarrant County, Texas, except if venue is otherwise required by law to be maintained in Denton County or an alternate county.

8.12 **Headings.** All section headings herein are for convenience of reference only and are not part of this Agreement, and no construction or inference will be derived therefrom.

8.13 **Waiver.** Failure of an Institution to insist upon the strict performance of any of the provisions of this Agreement by the other Institution, or the failure by an Institution to exercise its rights upon the default of the other Institution, will not constitute a waiver of such Institution’s right to insist upon and demand strict compliance by the other Institution within the terms of this Agreement thereafter.

8.14 **Further Assurances.** The Institutions will take any and all steps to cooperate fully in executing, acknowledging, and delivering to each other any instruments or documents necessary or expedient to implement the terms and intent of this Agreement.

8.15 **No Third Party Beneficiary.** The terms and provisions of this Agreement are intended solely for the benefit of the Institutions and their respective successors and permitted assigns, and it is not the intention of the Institutions to confer third-party beneficiary rights upon any other person or entity.

8.16 **Legislation.** The Institutions agree to jointly propose or support legislation that may be required to support the interests of the School of Medicine and the collaboration between the Institutions.

8.17 **Compliance with Laws.** In performing the activities contemplated under this Agreement, the Institutions agree to comply with all applicable laws, regulations, rules, restrictions, and any other provisions applicable to the Institutions.
This Agreement is entered into to be effective as of the Effective Date.

TEXAS CHRISTIAN UNIVERSITY

By: [Signature]
Mark L. Johnson
Chairman of the Board
Date: 10/19/2017

By: [Signature]
Victor J. Boschini, Jr., Ed.D.
Chancellor
Date: 10/9/2017

UNIVERSITY OF NORTH TEXAS
HEALTH SCIENCE CENTER

By: [Signature]
Brint Ryan
Chairman, Board of Regents
Date: 9/29/2017

By: [Signature]
Lee Jackson, M.P.A.
Chancellor
Date: 10/2/17

By: [Signature]
Michael R. Williams, D.O., M.D., M.B.A.
President
Date: 10/3/17
Exhibit “A”

Teacher-Learner Expectations

The School of Medicine holds in high regard professional behaviors and attitudes, including altruism, integrity, respect for others and a commitment to excellence. Effective learning is best fostered in an environment of mutual respect between teachers and learners. In the context of medical education, the term “teacher” is used broadly to include peers, resident physicians, full-time and volunteer faculty members, clinical preceptors, nurses, and ancillary support staff, as well as others from whom students learn.

GUIDING PRINCIPLES

DUTY: Medical educators have a duty to convey the knowledge and skills required for delivering the profession’s standard of care and also to instill the values and attitudes required for preserving the medical profession’s social contract with its patients.

INTEGRITY: Learning environments that are conducive to conveying professional values must be based on integrity. Students and residents learn professionalism by observing and emulating role models who epitomize authentic professional values and attitudes.

RESPECT: Respect for every individual is fundamental to the ethic of medicine. Mutual respect is essential for nurturing that ethic. Teachers have a special obligation to ensure that students and residents are always treated respectfully.

RESPONSIBILITIES OF TEACHERS AND LEARNERS:

TEACHERS SHOULD:

- Treat students fairly and respectfully.
- Maintain high professional standards in all interactions.
- Be prepared and on time.
- Provide relevant and timely information.
- Provide explicit learning and behavioral expectations early in a course or clerkship.
- Provide timely, focused, accurate and constructive feedback on a regular basis and thoughtful and timely evaluations at the end of a course or clerkship.
- Display honesty, integrity and compassion.
- Practice insightful (Socratic) questioning, which stimulates learning and self-discovery, and avoid overly aggressive questioning which may be perceived as hurtful, humiliating, degrading or punitive.
• Solicit feedback from students regarding their perception of their educational experiences.

• Encourage students who experience mistreatment or who witness unprofessional behavior to report the facts immediately.

**STUDENTS SHOULD:**

• Be courteous of teachers and fellow students.

• Be prepared and on time.

• Be active, enthusiastic, curious learners.

• Demonstrate professional behavior in all settings.

• Recognize that not all learning stems from formal and structured activities.

• Recognize their responsibility to establish learning objectives and to participate as an active learner.

• Demonstrate a commitment to life-long learning, a practice that is essential to the profession of medicine.

• Recognize personal limitations and seek help as needed.

• Display honesty, integrity and compassion.

• Recognize the privileges and responsibilities coming from the opportunity to work with patients in clinical settings.

• Recognize the duty to place patient welfare above their own.

• Recognize and respect patients’ rights to privacy.

• Solicit feedback on their performance and recognize that criticism is not synonymous with “abuse.”

**RELATIONSHIPS BETWEEN TEACHERS AND STUDENTS:**

Students and teachers should recognize the special nature of the teacher-learner relationship which is in part defined by professional role modeling, mentorship, and supervision. Because of the special nature of this relationship, students and teachers should strive to develop their relationship to one characterized by mutual trust, acceptance and confidence. They should both recognize the potential for conflict of interest and respect appropriate boundaries.
AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

WHEREAS, the purpose of this AGREEMENT is to guide and direct the parties respecting their affiliation, working arrangements, and agreements in furtherance thereof to provide high-quality clinical learning experiences for medical students in the SCHOOL.

WHEREAS, this AGREEMENT is intended and shall be interpreted to meet the SCHOOL’s accreditation standards related to affiliation agreements with clinical affiliates which require at a minimum:

- The HOST AGENCY will provide medical student, and faculty if applicable, access to appropriate resources for medical student education.
- The SCHOOL is ultimately responsible for the medical education program, academic affairs, and the assessment of medical students.
- The SCHOOL is primarily responsible for the appointment and assignment of faculty members with responsibility for medical student teaching.
- Specification of the responsibility for treatment and follow-up when a medical student is exposed to an infectious or environmental hazard or other occupational injury,
- The shared responsibility of the SCHOOL and HOST AGENCY for creating and maintaining an appropriate learning environment.

WHEREAS, neither party intends for this AGREEMENT to alter in any way its respective legal rights or its legal obligations to any third party.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the parties identified in the AAMC Uniform Clinical Training Affiliation Agreement Implementation Letter agree as follows:
A. Responsibilities of the SCHOOL

1. The SCHOOL will plan and determine the adequacy of the educational experience of the students in theoretical background, basic skill, professional ethics, attitude and behavior and shall assign to the HOST AGENCY only those students who have satisfactorily completed the prerequisite didactic portions of the SCHOOL’s curriculum.

2. The SCHOOL will retain ultimate responsibility for the education and assessment of its students. The School’s representative for this Agreement shall be a faculty member appointed and assigned by the SCHOOL, who will be responsible for medical student teaching and assessment provided pursuant to this Agreement.

3. The SCHOOL will advise all students assigned to the HOST AGENCY facilities regarding the confidentiality of patient/client records and patient/client information imparted during the training experience. The SCHOOL will also advise all students that the confidentiality requirements survive the termination or expiration of this AGREEMENT.

4. The SCHOOL will require all participating students to maintain health insurance and provide proof of health insurance to the School. The HOST AGENCY may request the student provide proof of health insurance prior to beginning of the training experience.

5. The SCHOOL will require all participating students to have completed an appropriate criminal background check, and to have documented appropriate immunizations on file with the SCHOOL. If applicable, the HOST AGENCY shall notify the student of any requests for evidence of criminal background test or immunization. The SCHOOL will inform the student of his/her responsibility to provide evidence to the HOST AGENCY of any required criminal background checks or immunizations, when requested. The HOST AGENCY shall notify the SCHOOL of its requirements of an acceptable criminal background check and required immunizations. The SCHOOL will also inform students that they may be required to undergo a drug test or other similar screening tests pursuant to the HOST AGENCY’S policies and practices, and that the cost of any such test will be paid by the student, if not the HOST AGENCY.

6. The SCHOOL will advise students that they are required to comply with HOST AGENCY rules, regulations, and procedures.

7. If requested by the HOST AGENCY, the SCHOOL will provide instruction to the HOST AGENCY’S staff with respect to the SCHOOL’S expectations regarding assessment of the SCHOOL’S students at the HOST AGENCY.

8. The SCHOOL warrants and represents that it provides occurrence-based liability insurance or self-insurance for its students with limits of at least $1,000,000 per occurrence and $3,000,000 annual aggregate. However, if the SCHOOL is a public entity entitled to governmental immunity protections under applicable state law, then the SCHOOL shall provide occurrence-based liability coverage in accordance with any limitations associated with the applicable law; but the SCHOOL shall provide such insurance with limits of at least $1,000,000 per occurrence and $3,000,000 annual aggregate in the event...
governmental immunity protections are determined by a court of competent jurisdiction to not apply. If requested by the HOST AGENCY, the SCHOOL shall provide a certificate of insurance demonstrating coverage for students completing clinical training at the HOST AGENCY.

B. Responsibilities of the HOST AGENCY

1. The HOST AGENCY has a responsibility to maintain a positive, respectful, and adequately resourced learning environment so that sound educational experiences can occur. Therefore, the HOST AGENCY will provide students and faculty with access to appropriate resources for medical student education including: a) access to patients at HOST AGENCY facilities in an appropriately supervised environment, in which the students can complete the SCHOOL’s curriculum; b) student security badges or other means of secure access to patient care areas; c) access and required training for medical students in the proper use of electronic medical records or paper charts, as applicable; d) computer access; e) secure storage space for medical students’ personal items when at the HOST AGENCY; and f) access to call rooms, if necessary.

2. The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain a level of care that meets generally accepted standards conducive to satisfactory instruction. While in HOST AGENCY’s facilities, students will have the status of trainees; are not to replace HOST AGENCY staff; and, are not to render unsupervised patient care and/or services. All services rendered by students must have educational value and meet the goals of the medical education program. HOST AGENCY and its staff will provide such supervision of the educational and clinical activities as is reasonable and appropriate to the circumstances and to the student’s level of training.

3. The HOST AGENCY staff will, upon request, assist the SCHOOL in the assessment of the learning and performance of participating students by completing assessment forms provided by the SCHOOL and returned to the SCHOOL in a timely fashion.

4. The HOST AGENCY will provide for the orientation of SCHOOL’s participating students as to the HOST AGENCY’S rules, regulations, policies, and procedures.

5. The HOST AGENCY agrees to comply with applicable state and federal workplace safety laws and regulations. In the event a student is exposed to an infectious or environmental hazard or other occupational injury (i.e., needle stick) while at the HOST AGENCY, the HOST AGENCY, upon notice of such incident from the student, will provide such emergency care as is provided its employees, including, where applicable: examination and evaluation by HOST AGENCY’s emergency department or other appropriate facility as soon as possible after the injury; emergency medical care immediately following the injury as necessary; initiation of the HBV, Hepatitis C (HCV), and/or HIV protocol as necessary; and HIV counseling and appropriate testing as necessary. In the event that HOST AGENCY does not have the resources to provide such emergency care, HOST AGENCY will refer such student to the nearest emergency facility. The SCHOOL will define, for its medical students, who bears financial responsibility for any charges generated.
6. To the extent the HOST AGENCY, generates or maintains educational records related to the participating student, the HOST AGENCY agrees to comply with the Family Educational Rights and Privacy Act (FERPA), to the same extent as such laws and regulations apply to the SCHOOL and shall limit access to only those employees or agents with a need to know. For the purposes of this Agreement, pursuant to FERPA, SCHOOL hereby designates HOST AGENCY as a school official with a legitimate educational interest in the educational records of the participating student(s) to the extent that access to the SCHOOL’s records is required by HOST AGENCY to carry out the Program.

7. Upon request, the HOST AGENCY will provide proof that it maintains liability insurance in an amount that is commercially reasonable.

8. The HOST AGENCY will provide written notification to the SCHOOL promptly if a claim arises involving a student. The HOST AGENCY and SCHOOL agree to share such information in a manner that protects such disclosures from discovery to the extent possible under applicable federal and state peer review and joint defense laws.

9. The HOST AGENCY will resolve any situation in favor of its patients’ welfare and restrict a student to the role of observer when a problem may exist until the incident can be resolved by the staff in charge of the student or the student is removed. The HOST AGENCY will notify the SCHOOL’S course director if such an action is required.

10. The HOST AGENCY shall identify a site coordinator from among its medical staff who will communicate and cooperate with the SCHOOL’s clerkship director to ensure faculty and medical student access to appropriate resources for the clinical training experience.

C. Mutual Responsibilities

1. Representatives for each party will be established on or before the execution of this AGREEMENT.

2. The parties will work together to maintain an environment of high quality patient care. At the request of either party, a meeting or conference will promptly be held between SCHOOL and HOST AGENCY representatives to resolve any problems or develop any improvements in the operation of the clinical training program.

3. The SCHOOL will provide qualified and competent individuals in adequate number for the instruction, assessment, and supervision of students using the SCHOOL facilities. The HOST AGENCY will provide qualified and competent staff members in adequate number for the instruction and supervision of students using the HOST AGENCY facilities.

4. The SCHOOL and the HOST AGENCY will not discriminate against any employee, applicant or student enrolled in their respective programs because of age, creed, gender identity, national origin, race, sex, sexual orientation or any other basis protected by law.
5. The SCHOOL, including its faculty, staff, medical students, and residents, and HOST AGENCY share responsibility for creating an appropriate learning environment that includes both formal learning activities and the attitudes, values, and informal "lessons" conveyed by individuals who interact with the student. The parties will cooperate to evaluate the learning environment (which may include on-site visits) to identify positive and negative influences on the maintenance of professional standards, and to conduct and develop appropriate strategies to enhance the positive and mitigate the negative influences. HOST AGENCY shall require its faculty and staff who interact with students to adhere to the expectations set forth in Exhibit A, and communicate student violations to the SCHOOL. SCHOOL agrees to require its students to adhere to the expectations set forth in Exhibit A.

6. HOST AGENCY may immediately remove from the premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. The HOST AGENCY will immediately notify the appropriate office of the SCHOOL if such an action is required and the reasons for such action. The SCHOOL may terminate a student’s participation when, in its sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.

D. Term and Termination

This AGREEMENT is effective upon execution of the Implementation Letter by both parties to the covered clinical training experience(s) and will continue indefinitely or until terminated. This AGREEMENT may be terminated at any time and for any reason by either party upon not less than ninety (90) days prior written notice to the other party. Should notice of termination be given under this Section, students already scheduled to train at HOST AGENCY will be permitted to complete any previously scheduled clinical assignment at HOST AGENCY.

E. Employment Disclaimer

The students participating in the program will not be considered employees or agents of the HOST AGENCY or SCHOOL for any purpose. Students will not be entitled to receive any compensation from HOST AGENCY or SCHOOL or any benefits of employment from HOST AGENCY or SCHOOL, including but not limited to, health care or workers’ compensation benefits, vacation, sick time, or any other benefit of employment, direct or indirect. HOST AGENCY will not be required to purchase any form of insurance for the benefit or protection of any student of the SCHOOL.

F. Health Insurance Portability and Accountability Act.

Students participating in clinical training pursuant to this Agreement are members of the HOST AGENCY’s workforce for purposes of the Health Insurance Portability and Accountability Act (HIPAA) within the definition of “health care operations” and therefore may have access to patient medical information as provided for in the Privacy Rule of HIPAA. Therefore, additional agreements are not necessary for HIPAA compliance purposes. This paragraph applies solely to HIPAA privacy and security regulations applicable to the HOST AGENCY and, as stated in paragraph E, above, does not establish an employment relationship.
G. No Agency Relationship Between the Parties.

Nothing in this Agreement is intended to or shall be construed to constitute or establish an agency, employer/employee, partnership, franchise, or fiduciary relationship between the parties; and neither party shall have the right or authority or shall hold itself out to have the right or authority to bind the other party, nor shall either party be responsible for the acts or omissions of the other except as provided specifically to the contrary herein.

H. Assignment

This AGREEMENT will not be assigned by either party without the prior written consent of the other.

I. Governmental Immunity

If the SCHOOL is a public entity entitled to protections of governmental immunity under applicable law, it is specifically understood and agreed that nothing contained in this paragraph or elsewhere in this AGREEMENT will be construed as: an express or implied waiver by the SCHOOL of its governmental immunity or of its state governmental immunity; an express or implied acceptance by SCHOOL of liabilities arising as a result of actions which lie in tort or could lie in tort in excess of the liabilities allowable under the applicable governmental immunity laws; or, a pledge of the full faith and credit of a debtor contract; or, as the assumption by the SCHOOL of a debt, contract, or liability of the HOST AGENCY.

J. No Special Damages

In no event shall either party be liable hereunder (whether in an action in negligence, contract or tort or based on a warranty or otherwise) for any indirect, incidental, special or consequential damages incurred by the other party or any third party, even if the party has been advised of the possibility of such damages.

K. Notices

All notices provided by either party to the other will be in writing, and will be deemed to have been duly given when delivered personally or when deposited in the United States mail, First Class, postage prepaid, addressed as indicated in the Uniform Clinical Affiliation Agreement Implementation Letter.

L. No Payments

No payments shall be made between the parties or to the students in connection with this Agreement.

M. Severability
The invalidity of any provision of this AGREEMENT will not affect the validity of any other provisions.

N. Headlines

Headlines in this AGREEMENT are for convenience only.

O. Entire Agreement

This AGREEMENT contains the entire AGREEMENT of the parties as it relates to this subject matter and may be modified only by additional written provisions contained in a properly executed Uniform Clinical Affiliation Agreement Implementation Letter.
EXHIBIT A: TEACHER-LEARNER EXPECTATIONS

The SCHOOL holds in high regard professional behaviors and attitudes, including altruism, integrity, respect for others and a commitment to excellence. Effective learning is best fostered in an environment of mutual respect between teachers and learners. In the context of medical education the term “teacher” is used broadly to include peers, resident physicians, full-time and volunteer faculty members, clinical preceptors, nurses, and ancillary support staff, as well as others from whom students learn.

GUIDING PRINCIPLES:

Duty: Medical educators have a duty to convey the knowledge and skills required for delivering the profession’s standard of care and also to instill the values and attitudes required for preserving the medical profession’s social contract with its patients.

Integrity: Learning environments that are conducive to conveying professional values must be based on integrity. Students and residents learn professionalism by observing and emulating role models who epitomize authentic professional values and attitudes.

Respect: Respect for every individual is fundamental to the ethic of medicine. Mutual respect is essential for nurturing that ethic. Teachers have a special obligation to ensure that students and residents are always treated respectfully.

RESPONSIBILITIES OF TEACHERS AND LEARNERS:

Teachers should:

- Treat students fairly and respectfully
- Maintain high professional standards in all interactions
- Be prepared and on time
- Provide relevant and timely information
- Provide explicit learning and behavioral expectations early in a course or clerkship
- Provide timely, focused, accurate and constructive feedback on a regular basis and thoughtful and timely evaluations at the end of a course or clerkship
- Display honesty, integrity and compassion
- Practice insightful (Socratic) questioning, which stimulates learning and self-discovery, and avoid overly aggressive questioning which may be perceived as hurtful, humiliating, degrading or punitive
• Solicit feedback from students regarding their perception of their educational experiences

• Encourage students who experience mistreatment or who witness unprofessional behavior to report the facts immediately

**Students should:**

• Be courteous of teachers and fellow students

• Be prepared and on time

• Be active, enthusiastic, curious learners

• Demonstrate professional behavior in all settings

• Recognize that not all learning stems from formal and structured activities

• Recognize their responsibility to establish learning objectives and to participate as an active learner

• Demonstrate a commitment to life-long learning, a practice that is essential to the profession of medicine

• Recognize personal limitations and seek help as needed

• Display honesty, integrity and compassion

• Recognize the privileges and responsibilities coming from the opportunity to work with patients in clinical settings

• Recognize the duty to place patient welfare above their own

• Recognize and respect patients’ rights to privacy

• Solicit feedback on their performance and recognize that criticism is not synonymous with “abuse”

**Relationships between Teachers and Students**

Students and teachers should recognize the special nature of the teacher-learner relationship which is in part defined by professional role modeling, mentorship, and supervision. Because of the special nature of this relationship, students and teachers should strive to develop their relationship to one characterized by mutual trust, acceptance and confidence. They should both recognize the potential for conflict of interest and respect appropriate boundaries.
July 17, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter (“Implementation Letter”) is to provide a record of the clinical training affiliation agreement between Texas Christian University (“SCHOOL”), at 2800 South University Drive, Fort Worth, Texas 76129, and Baylor Regional Medical Center at Grapevine d/b/a Baylor Scott & White Medical Center-Grapevine (“HOST AGENCY”), at 1650 W. College Street, Grapevine, TX 76051 with respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a “Party” to this AGREEMENT and they may be referred to collectively as the “Parties” to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the “UCTAA”), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the “AGREEMENT” between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. The following shall be added to A.5 of the UCTAA:

“SCHOOL shall require students to provide evidence of health screenings and other tests on the same basis, and in accordance with the same policies and procedures, that HOST AGENCY requires its employees to provide, including but not limited to a comprehensive drug screening and annual influenza vaccination.”

B. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

“8. Insurance; Hold Harmless.

8.1 The SCHOOL will provide “claims made” professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. The SCHOOL agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.
8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to the limits of its comprehensive and professional liability insurance coverage, it will indemnify and hold harmless the SCHOOL, its agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its agents, volunteer personnel, patients, visitors or employees (excluding, for avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.

8.4 The SCHOOL agrees that, within and to the limits of its comprehensive and professional liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT.”

C. The following shall be added to B.1 of the UCTAA:

“These would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, and parking spaces conforming to hospital standards/expectations. Aligning with the SCHOOL’s curriculum, it is anticipated that 8-10 students (of a class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at HOST AGENCY and then 3-4 students per month for electives, sub-internships, and critical care.”

D. The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

“The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education (“LCME”).”

E. Section B.6 of the UCTAA is hereby deleted and replaced with the following:

“To the extent the HOST AGENCY, generates or maintains educational records related to the participating student, the HOST AGENCY agrees to comply with the Family Educational Rights and Privacy Act (FERPA), to the extent as such laws and regulations apply to the HOST AGENCY. For the purposes of this AGREEMENT, pursuant to FERPA, SCHOOL hereby designates HOST AGENCY as a school official with a legitimate educational interest in the educational records of the participating student(s) to the extent that access to the SCHOOL’s records is required by HOST AGENCY to carry out the Program.”

F. Section B.7 of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

“7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians
and other employed licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY’s performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage. HOST AGENCY shall have the right to provide the insurance required of HOST AGENCY under this AGREEMENT on a self-insured or retained basis. In the alternative to traditional workers’ compensation in the State of Texas, HOST AGENCY may be a responsible nonsubscriber and shall have an established employee injury benefit plan applicable to the employees of HOST AGENCY.

G. The following shall be added as Section B.11. to the UCTAA:

“11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to dully registered and eligible SCHOOL students (“Student(s)”), which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL.”

H. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:

“4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability; pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject.”

I. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

“6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY’s patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.”

J. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending one year after the EFFECTIVE DATE. After the initial
term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether domestic or freeing, or has wound up or liquidated, voluntarily or otherwise.”

K. Section J of the UCTAA is hereby deleted and replaced with the following new Section J:

“J. Except for claims for indemnification, in no event shall either Party be liable hereunder (whether in an action in negligence, contract or tort or based on a warranty or otherwise) for any indirect, incidental, special or consequential damages incurred by the other party or any third party, even if the party has been advised of the possibility of such damages.”

L. Section K of the UCTAA is hereby deleted and replaced with the following new Section K:

“K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telefacsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Baylor Scott & White Medical Center-Grapevine
1650 West College Street
Grapevine, TX 76051
With a copy to: BSWH Legal Department
4005 Crutcher Street, Suite 300
Dallas, Texas 75246

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party."

M. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The SCHOOL and the HOST AGENCY agree that they will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act and all applicable Stark and anti-kickback laws. In addition, the Parties agree that this AGREEMENT and the Parties’ activities under this AGREEMENT shall be consistent with (and shall not jeopardize) SCHOOL or HOST AGENCY’s status as a non-profit tax-exempt organization under Section 501(c) (3) of the Internal Revenue Code. Further, this AGREEMENT does not contemplate, and the educational program shall not include, any services or activities, including but not limited to abortions or research consisting of stem cell harvesting from fetal tissue or any technologies that supplant natural reproduction excluding artificial insemination provided to legally married adults, that are prohibited by HOST AGENCY’s mission statement, policies, or its commitment to a Christian ministry of healing.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request and advance notice and subject to compliance with applicable HOST AGENCY’s policies, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to
Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

SCHOOL certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and SCHOOL shall notify HOST AGENCY immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The Parties mutually agree, to the maximum extent permitted by law, to keep this AGREEMENT and the contents of this AGREEMENT confidential and not to disclose such contents either to any third party, unless required by law, without the written consent of the other party; however either party may disclose relevant parts of the AGREEMENT to any of its employees, students, agents, representatives, advisers, and legal counsel when reasonably necessary to determine its rights and remedies under the AGREEMENT or to carry out the terms of the AGREEMENT or as required by law. In addition, either party may provide a copy of this AGREEMENT to the LCME or any other entity, if required, for accreditation or regulatory reasons.

9. The Parties will mutually agree in advance upon any public announcements, advertising, marketing, and communications to the media regarding this AGREEMENT or the relationship created by (or the services to be provided pursuant to) this AGREEMENT. Neither Party will use or market the name or logo of the other Party without its advance written consent.

10. The Parties acknowledge that in connection with the performance of the Parties under this AGREEMENT, either Party may acquire and make use of certain confidential information of the other Party which may include internal memoranda, reports, confidential technology and other materials, records and/or information of a proprietary nature ("Confidential Information"). Therefore, in order to protect the Confidential Information, neither Party shall, after the date hereof, use the Confidential Information of the other Party except in connection with the performance of the Party’s obligations pursuant to this AGREEMENT, or divulge the Confidential Information to any third party, unless the other Party consents in writing or such use or divulgence or disclosure is required by law. In the event either Party receives a request or demand for the disclosure of Confidential Information of the other Party, the Party receiving such request or demand shall immediately provide to the other Party written notice of such request or demand, including a copy of any written element of such request or demand. Upon termination of this AGREEMENT, neither Party will take or retain, without prior written authorization from the other Party, any Confidential Information belonging to the other Party. Without limiting other possible remedies for the breach of this covenant, the Parties agree that injunctive or other equitable relief shall be available to enforce this covenant, such relief to be without the necessity of posting a bond, cash or otherwise.
11. The AGREEMENT does not create any third-party beneficiaries, including but not limited to any students, who shall not be considered, directly or indirectly, third party beneficiaries of the AGREEMENT.

12. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections M.2, M.3, M.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

SCHOOL:
TCU and UNTHSC School of Medicine
Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

Signature:  
By: Stuart D. Flynn
Title: Dean, TCU and UNTHSC School of Medicine
Date: July 26, 2017

Signature:  
By: Fred Friedrich
Title: Senior Associate Dean of Finance and Administration
TCU and UNTHSC School of Medicine
Date: 7/26/2017

HOST AGENCY: Baylor Regional Medical Center at Grapevine d/b/a Baylor Scott & White Medical Center-Grapevine

By:  
Signature: STEVEN R. NEWTON
Title: PRESIDENT
Date: 7/26/2017
Address: Baylor Scott & White Medical Center-Grapevine
1650 West College Street
Grapevine, TX 76051
July 17, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between Texas Christian University ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and Baylor All Saints Medical Center d/b/a Baylor Scott & White All Saints Medical Center-Fort Worth ("HOST AGENCY"), at 1400 8th Avenue, Fort Worth, TX 76104 with respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a “Party” to this AGREEMENT and they may be referred to collectively as the “Parties” to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the “UCTAA”), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the “AGREEMENT” between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. The following shall be added to A.5 of the UCTAA:

“SCHOOL shall require students to provide evidence of health screenings and other tests on the same basis, and in accordance with the same policies and procedures, that HOST AGENCY requires its employees to provide, including but not limited to a comprehensive drug screening and annual influenza vaccination.”

B. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

"8. Insurance; Hold Harmless.

8.1 The SCHOOL will provide “claims made” professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. The SCHOOL agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment."
8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to the limits of its comprehensive and professional liability insurance coverage, it will indemnify and hold harmless the SCHOOL, its agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its agents, volunteer personnel, patients, visitors or employees (excluding, for avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.

8.4 The SCHOOL agrees that, within and to the limits of its comprehensive and professional liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT.”

C. The following shall be added to B.1 of the UCTAA:

“These would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, and parking spaces conforming to hospital standards/expectations. Aligning with the SCHOOL’s curriculum, it is anticipated that 8-10 students (of a class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at HOST AGENCY and then 3–4 students per month for electives, sub-internships, and critical care.”

D. The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

“The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education (“LCME”).”

E. Section B.6. of the UCTAA is hereby deleted and replaced with the following:

“To the extent the HOST AGENCY, generates or maintains educational records related to the participating student, the HOST AGENCY agrees to comply with the Family Educational Rights and Privacy Act (FERPA), to the extent as such laws and regulations apply to the HOST AGENCY. For the purposes of this AGREEMENT, pursuant to FERPA, SCHOOL hereby designates HOST AGENCY as a school official with a legitimate educational interest in the educational records of the participating student(s) to the extent that access to the SCHOOL’s records is required by HOST AGENCY to carry out the Program.”

F. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

“7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians
and other employed licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY’s performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage. HOST AGENCY shall have the right to provide the insurance required of HOST AGENCY under this AGREEMENT on a self-insured or retained basis. In the alternative to traditional workers’ compensation in the State of Texas, HOST AGENCY may be a responsible nonsubscriber and shall have an established employee injury benefit plan applicable to the employees of HOST AGENCY.

G. The following shall be added as Section B.11. to the UCTAA:

“11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to duly registered and eligible SCHOOL students (“Student(s)”), which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL.”

H. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:

“4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability; pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject.”

I. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

“6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY’s patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.”

J. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending one year after the EFFECTIVE DATE. After the initial
term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether domestic or freeing, or has wound up or liquidated, voluntarily or otherwise.”

K. Section J. of the UCTAA is hereby deleted and replaced with the following new Section J:

“J. Except for claims for indemnification, in no event shall either Party be liable hereunder (whether in an action in negligence, contract or tort or based on a warranty or otherwise) for any indirect, incidental, special or consequential damages incurred by the other party or any third party, even if the party has been advised of the possibility of such damages.”

L. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

“K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telexfacsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Baylor Scott & White All Saints Medical Center-Fort Worth
1400 8th Avenue
Fort Worth, TX 76104
With a copy to: BSWH Legal Department
4005 Crutcher Street, Suite 300
Dallas, Texas 75246

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the
date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the
date of deposit with the United States Postal Service addressed to the respective representatives of each
Party as set forth above or to such other persons or places as either Party may from time to time designate
by written notice to the other Party.”

M. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The SCHOOL and the HOST AGENCY agree that they will abide by all applicable executive
orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT,
and as they may change or be amended from time to time, including without limitation compliance with
the Americans with Disabilities Act and all applicable Stark and anti-kickback laws. In addition, the
Parties agree that this AGREEMENT and the Parties’ activities under this AGREEMENT shall be
consistent with (and shall not jeopardize) SCHOOL or HOST AGENCY’s status as a non-profit tax-
exempt organization under Section 501(c) (3) of the Internal Revenue Code. Further, this AGREEMENT
does not contemplate, and the educational program shall not include, any services or activities, including
but not limited to abortions or research consisting of stem cell harvesting from fetal tissue or any
technologies that supplant natural reproduction excluding artificial insemination provided to legally
married adults, that are prohibited by HOST AGENCY’s mission statement, policies, or its commitment
to a Christian ministry of healing.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas.
The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant
County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request and advance notice and subject to
compliance with applicable HOST AGENCY’s policies, the inspection of clinical and related facilities by
governmental and nongovernmental agencies charged with responsibility for accreditation or other
regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed
as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with
every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and
authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions
thereof, and that the execution and delivery of this AGREEMENT has been made by authorized
representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners,
partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is
presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation
in this transaction or in any federal grant, benefit, contract or program (including but not limited to
Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

SCHOOL certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and SCHOOL shall notify HOST AGENCY immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The Parties mutually agree, to the maximum extent permitted by law, to keep this AGREEMENT and the contents of this AGREEMENT confidential and not to disclose such contents either to any third party, unless required by law, without the written consent of the other party; however either party may disclose relevant parts of the AGREEMENT to any of its employees, students, agents, representatives, advisers, and legal counsel when reasonably necessary to determine its rights and remedies under the AGREEMENT or to carry out the terms of the AGREEMENT or as required by law. In addition, either party may provide a copy of this AGREEMENT to the LCME or any other entity, if required, for accreditation or regulatory reasons.

9. The Parties will mutually agree in advance upon any public announcements, advertising, marketing, and communications to the media regarding this AGREEMENT or the relationship created by (or the services to be provided pursuant to) this AGREEMENT. Neither Party will use or market the name or logo of the other Party without its advance written consent.

10. The Parties acknowledge that in connection with the performance of the Parties under this AGREEMENT, either Party may acquire and make use of certain confidential information of the other Party which may include internal memoranda, reports, confidential technology and other materials, records and/or information of a proprietary nature ("Confidential Information"). Therefore, in order to protect the Confidential Information, neither Party shall, after the date hereof, use the Confidential Information of the other Party except in connection with the performance of the Party's obligations pursuant to this AGREEMENT, or divulge the Confidential Information to any third party, unless the other Party consents in writing or such use or divulgence or disclosure is required by law. In the event either Party receives a request or demand for the disclosure of Confidential Information of the other Party, the Party receiving such request or demand shall immediately provide to the other Party written notice of such request or demand, including a copy of any written element of such request or demand. Upon termination of this AGREEMENT, neither Party will take or retain, without prior written authorization from the other Party, any Confidential Information belonging to the other Party. Without limiting other possible remedies for the breach of this covenant, the Parties agree that injunctive or other equitable relief shall be available to enforce this covenant, such relief to be without the necessity of posting a bond, cash or otherwise.
11. The AGREEMENT does not create any third-party beneficiaries, including but not limited to any students, who shall not be considered, directly or indirectly, third party beneficiaries of the AGREEMENT.

12. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections M.2, M.3., M.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

**SCHOOL:** TCU and UNTHSC School of Medicine  
Address: Texas Christian University  
Attn: Stuart D. Flynn, M.D.  
Dean, TCU and UNTHSC School of Medicine  
2800 South University Drive  
Fort Worth, Texas 76129

**Signature:**  
By: Stuart D. Flynn  
Title: Dean, TCU and UNTHSC School of Medicine

**Date:**  
July 24, 2017

**Signature:**  
By: Fred Friedrich  
Title: Senior Associate Dean of Finance and Administration  
TCU and UNTHSC School of Medicine

**Date:**  
7/26/2017

**HOST AGENCY:** Baylor All Saints Medical Center d/b/a Baylor Scott & White All Saints Medical  
Center-Fort Worth

**Signature:**  
By:  
Signature:

**Title:**  
President

**Date:**  
7/19/17

**Address:** Baylor Scott & White All Saints Medical Center-Fort Worth  
1400 8th Avenue  
Fort Worth, TX 76104
June 9, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter (“Implementation Letter”) is to provide a record of the clinical training affiliation agreement between Texas Christian University (“SCHOOL”), at 2800 South University Drive, Fort Worth, Texas 76129, and Fort Worth Surgicare Partners, LTD dba Baylor Surgical Hospital at Fort Worth (“HOST AGENCY”), at 1800 Park Pl Avenue, Fort Worth, TX 76110 with respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a “Party” to this AGREEMENT and they may be referred to collectively as the “Parties” to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the “UCTAA”), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the “AGREEMENT” between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

“8. Insurance; Hold Harmless.

8.1 The SCHOOL will provide “claims made” professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. [The SCHOOL will not purchase tail insurance, but agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.

8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors or employees (excluding, for
avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.

8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT.”

B. The following shall be added to B.1 of the UCTAA:

“These would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, parking spaces conforming to hospital standards/expectations. Aligning with the school’s curriculum, it is anticipated that 8-10 students (of a class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at some of the hospital affiliates and then 3–4 students per month for electives, sub-internships, and critical care.”

C. The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

“The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education (“LCME”).”

D. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

“7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians and other licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY’s performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage.

E. The following shall be added as Section B.11. to the UCTAA:

“11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to duly registered and eligible SCHOOL students (“Student(s)”), which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL.”

F. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:
4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability; pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject.

G. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY’s patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY such action is required.

H. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its
business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether
domestic or foreign, or has wound up or liquidated, voluntarily or otherwise.

I. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

"K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted
by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery
(e.g., personally, by commercial courier service, or by confirmed telefax), or (b) by United States
Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the
Parties as follows:

SCHOOL: Texas Christian University
            Attn: Stuart D. Flynn, M.D.
            Dean, TCU and UNT School of Medicine
            2800 South University Drive
            Fort Worth, Texas 76129

HOST AGENCY: Fort Worth Surgicare Partners, LTD
dba Baylor Surgical Hospital at Fort Worth
            1800 Park Pl Avenue
            Fort Worth, TX 76110

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the
date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the
date of deposit with the United States Postal Service addressed to the respective representatives of each
Party as set forth above or to such other persons or places as either Party may from time to time designate
by written notice to the other Party."

J. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state
   and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may
   change or be amended from time to time, including without limitation compliance with the Americans
   with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas.
The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant
County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related
   facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or
   other regulatory oversight of the SCHOOL or any of the SCHOOL's programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed
   as a waiver or limitation of that Party's right to subsequently enforce and compel strict compliance with
every provision of this AGREEMENT.
5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections K.2, K.3., K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

SCHOOL: TCU and UNTHSC School of Medicine
By: Stuart D. Flynn
Signature: [Signature]
Title: Dean
Date: 7/20/17
Address: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Fort Worth Suricare Partnes, LTD
dba Baylor Surgical Hospital at Fort Worth
By: Paul DeBose
Signature: [Signature]
Title: C.E.O.
Date: 7-17-17
Address: Baylor Surgical Hospital at Fort Worth
1800 Park Pl Avenue
Fort Worth, TX 76110
July 28, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between Texas Christian University ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and Cook Children’s Health Care System ("HOST AGENCY"), at 801 7th Avenue, Fort Worth, TX 76104, with respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a “Party” to this AGREEMENT and they may be referred to collectively as the “Parties” to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the “UCTAA”), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the "AGREEMENT" between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:


8.1 The SCHOOL will provide occurrence-based professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its servants, agents, volunteer personnel, or employees (excluding, for avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.

8.3 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT."
B. The following shall be added to B.1 of the UCTAA:

"These would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, parking spaces conforming to hospital standards/expectations. Aligning with the school's curriculum, it is anticipated that 8-10 students (of a class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at some of the hospital affiliates and then 3-4 students per month for electives, sub-internships, and critical care."

C. The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

"The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education ("LCME")."

D. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

"7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians and other licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY's performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage.

E. The following shall be added as Section B.11. to the UCTAA:

"11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to duly registered and eligible SCHOOL students ("Student(s)"), which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL."

F. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:

"4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability; pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject."

G. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

"6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student's participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY's patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the
HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY’s satisfaction, such cure period not to exceed ten (10) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY in such action is required.”

H. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT, with or without cause, by providing at least thirty (30) days prior written notice to the other Party.

I. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

“K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telefacsimile), or (b) by United States Postal Service registered or certified mail. return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Cook Children’s Health Care System
801 7th Avenue
Fort Worth, TX 76104
Attn: Debra Jorden
Director of Academic & Medical Education

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party.”

J. Section L. of the UCTAA is hereby deleted in its entirety.
K. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.2, A.8.3, B.6, B.8, G. 1, J, K and M. In addition, Sections K.2, K.3, K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

SCHOOL: TCU and UNTHSC School of Medicine

By: Stuart D. Flynn

Signature: 

Title: Dean

Date: July 31, 2017

Address: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Cook Children’s Health Care System

By: Rick Merrill

Signature: 

Title: President and CEO

Date: 7/28/2017

Address: Cook Children’s Health Care System
801 7th Avenue
Fort Worth, Texas 76104
AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between TCU & UNT HSC SCHOOL OF MEDICINE ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and TARRANT COUNTY HOSPITAL DISTRICT d/b/a JPS HEALTH NETWORK d/b/a JOHN PETER SMITH HOSPITAL ("HOST AGENCY"), at 1500 S. Main Street, Fort Worth, TX 76104 with respect to a clinical training experience for the SCHOOL's registered students (as agreed between the Parties under Section B.11 and C.7, below). The SCHOOL and the HOST AGENCY may be individually referred to herein as a "Party" to this AGREEMENT and they may be referred to collectively as the "Parties" to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the "UCTAA"), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the "AGREEMENT" between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

"8. Insurance; Hold Harmless.

8.1 The SCHOOL will provide "claims made" professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL's students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. [The SCHOOL will not purchase tail insurance, but agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.]

8.3 Only to the extent permitted by the constitution and the laws of the State of Texas and limited by the limits of liability as set forth in the Texas Tort Claims Act (Texas Civil Practice and Remedies Code Chapter 101), HOST AGENCY agrees to indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises solely out of HOST AGENCY's grossly negligent or willful acts or omissions in connection with or arising out of the activity which is the subject of this AGREEMENT.
8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT."

B. The following shall be added at the end of Section B.1 of the UCTAA:

"These needs would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, parking spaces conforming to hospital standards/expectations. Conforming with the school's curriculum, it is anticipated that 8-10 students (of a class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at some of the hospital affiliates and then 3-4 students per month for electives, sub-internships, and critical care."

C. The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

"The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education ("LCME")."

D. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

"7. SCHOOL recognizes and agrees that HOST AGENCY is a county hospital district, created and operating under Chapter 281 of the Texas Health and Safety Code and is a unit of local government for purposes of Chapter 101 of the Texas Civil Practice and Remedies Code ("Texas Tort Claims Act"). As a general rule, with respect to acts performed in the course and scope of employment with HOST AGENCY for which governmental immunity has been waived under the Texas Tort Claims Act, the current limits on amount of liability under the Texas Torts Claim Act for HOST AGENCY employees acting in the course and scope of employment are $100,000 for each person and $300,000 for each single occurrence for bodily injury or death claims."

E. The following shall be added as Section B.11. to the UCTAA:

"11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to duly registered and eligible SCHOOL students ("Student(s)") which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL."

F. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:
"4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability; pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject."

G. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

"6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student's participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY's patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY's satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student's participation when, in the SCHOOL's sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY such action is required."

H. Section C under Mutual Responsibilities is modified by adding the following Section C.7 to the UCTAA:

"7. The number of Students designated for participation in a learning experience, their academic level, the time and length of the learning experience and the availability of learning opportunities will be mutually determined by agreement of the Parties in advance of the assignment."

I. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

"D. Term and Termination.

1. This AGREEMENT shall become effective as of July 1, 2017 and shall continue in full force and effect until June 30, 2024, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.
4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this AGREEMENT by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether domestic or foreign, or has wound up or liquidated, voluntarily or otherwise.

J. Section I. of the UCTAA is hereby deleted and replaced with the following new Section I:

"I. Governmental Immunity.

HOST AGENCY is a public entity entitled to protections of governmental immunity under applicable law. It is specifically understood and agreed by the Parties that nothing contained in this paragraph or elsewhere in this AGREEMENT will be construed as: an express or implied waiver by HOST AGENCY of its governmental immunity or state governmental immunity; an express or implied acceptance by HOST AGENCY of liabilities arising as a result of actions which lie in tort or could lie in tort in excess of the liabilities allowable under the applicable governmental immunity laws; or, a pledge of the full faith and credit of a debtor contract; or, as the assumption by HOST AGENCY of a debt, contract, or liability of the SCHOOL.

K. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

"K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed facsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU & UNT Health System
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Tarrant County Hospital District
d/b/a JPS Health Network
Attn: Academic Affairs
1500 S. Main Street
Fort Worth, Texas 76104

With copy to: Adams, Lynch & Loftin, P.C.
Attn: Neal W. Adams, General Counsel
3950 State Hwy 360
Grapevine, Texas 76051
Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party."

L. Section O. of the UCTAA is hereby deleted and replaced with the following new Section O:

"O. Entire Agreement. The Implementation Letter together with the UCTAA contains the entire AGREEMENT of the Parties as it relates to this subject matter, and may only be modified in a writing properly executed by both Parties."

M. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL's programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party's right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement.
8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefor: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections M.2, M.3., M.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefor.

The remainder of this page is intentionally left blank. Signature page follows.
This AGREEMENT is effective as of July 1, 2017 ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

SCHOOL: TCU & UNTHSC SCHOOL OF MEDICINE
Address: Texas Christian University
Attn. Stuart D. Flynn
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive,
Fort Worth, Texas 76129

Signature: By: Stuart D. Flynn
Title: Dean, TCU & UNTHSC School of Medicine
Date: July 17, 2017

Signature: By: Fred Friedrich
Title: Senior Associate Dean of Finance and Administration
TCU & UNTHSC School of Medicine
Date: July 17, 2017

HOST AGENCY: TARRANT COUNTY HOSPITAL DISTRICT
d/b/a JPS HEALTH NETWORK
d/b/a JOHN PETER SMITH HOSPITAL
Address: 1500 S. Main Street
Fort Worth, TX 76104

Signature: By: Robert EaNeY
Title: President and CEO
Date: 7/31/2017

Signature: By: Tricia Elliott, M.D.
Title: Vice President of Academic Affairs
Date: July 19, 2017
AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

WHEREAS, the purpose of this AGREEMENT is to guide and direct the parties respecting their affiliation, working arrangements, and agreements in furtherance thereof to provide high-quality clinical learning experiences for medical students in the SCHOOL.

WHEREAS, this AGREEMENT is intended and shall be interpreted to meet the SCHOOL’s accreditation standards related to affiliation agreements with clinical affiliates which require at a minimum:

- The HOST AGENCY will provide medical student, and faculty if applicable, access to appropriate resources for medical student education.

- The SCHOOL is ultimately responsible for the medical education program, academic affairs, and the assessment of medical students.

- The SCHOOL is primarily responsible for the appointment and assignment of faculty members with responsibility for medical student teaching.

- Specification of the responsibility for treatment and follow-up when a medical student is exposed to an infectious or environmental hazard or other occupational injury,

- The shared responsibility of the SCHOOL and HOST AGENCY for creating and maintaining an appropriate learning environment.

WHEREAS, neither party intends for this AGREEMENT to alter in any way its respective legal rights or its legal obligations to any third party.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the parties identified in the AAMC Uniform Clinical Training Affiliation Agreement Implementation Letter agree as follows:
A. Responsibilities of the SCHOOL

1. The SCHOOL will plan and determine the adequacy of the educational experience of the students in theoretical background, basic skill, professional ethics, attitude and behavior and shall assign to the HOST AGENCY only those students who have satisfactorily completed the prerequisite didactic portions of the SCHOOL’s curriculum.

2. The SCHOOL will retain ultimate responsibility for the education and assessment of its students. The School’s representative for this Agreement shall be a faculty member appointed and assigned by the SCHOOL, who will be responsible for medical student teaching and assessment provided pursuant to this Agreement.

3. The SCHOOL will advise all students assigned to the HOST AGENCY facilities regarding the confidentiality of patient/client records and patient/client information imparted during the training experience. The SCHOOL will also advise all students that the confidentiality requirements survive the termination or expiration of this AGREEMENT.

4. The SCHOOL will require all participating students to maintain health insurance and provide proof of health insurance to the School. The HOST AGENCY may request the student provide proof of health insurance prior to beginning of the training experience.

5. The SCHOOL will require all participating students to have completed an appropriate criminal background check, and to have documented appropriate immunizations on file with the SCHOOL. If applicable, the HOST AGENCY shall notify the student of any requests for evidence of criminal background test or immunization. The SCHOOL will inform the student of his/her responsibility to provide evidence to the HOST AGENCY of any required criminal background checks or immunizations, when requested. The HOST AGENCY shall notify the SCHOOL of its requirements of an acceptable criminal background check and required immunizations. The SCHOOL will also inform students that they may be required to undergo a drug test or other similar screening tests pursuant to the HOST AGENCY’S policies and practices, and that the cost of any such test will be paid by the student, if not the HOST AGENCY.

6. The SCHOOL will advise students that they are required to comply with HOST AGENCY rules, regulations, and procedures.

7. If requested by the HOST AGENCY, the SCHOOL will provide instruction to the HOST AGENCY’S staff with respect to the SCHOOL’s expectations regarding assessment of the SCHOOL’S students at the HOST AGENCY.

8. The SCHOOL warrants and represents that it provides occurrence-based liability insurance or self-insurance for its students with limits of at least $1,000,000 per occurrence and $3,000,000 annual aggregate. However, if the SCHOOL is a public entity entitled to governmental immunity protections under applicable state law, then the SCHOOL shall provide occurrence-based liability coverage in accordance with any limitations associated with the applicable law; but the SCHOOL shall provide such insurance with limits of at least $1,000,000 per occurrence and $3,000,000 annual aggregate in the event

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governmental immunity protections are determined by a court of competent jurisdiction to not apply. If requested by the HOST AGENCY, the SCHOOL shall provide a certificate of insurance demonstrating coverage for students completing clinical training at the HOST AGENCY.

B. Responsibilities of the HOST AGENCY

1. The HOST AGENCY has a responsibility to maintain a positive, respectful, and adequately resourced learning environment so that sound educational experiences can occur. Therefore, the HOST AGENCY will provide students and faculty with access to appropriate resources for medical student education including: a) access to patients at HOST AGENCY facilities in an appropriately supervised environment, in which the students can complete the SCHOOL’s curriculum; b) student security badges or other means of secure access to patient care areas; c) access and required training for medical students in the proper use of electronic medical records or paper charts, as applicable; d) computer access; e) secure storage space for medical students’ personal items when at the HOST AGENCY; and f) access to call rooms, if necessary.

2. The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain a level of care that meets generally accepted standards conducive to satisfactory instruction. While in HOST AGENCY’s facilities, students will have the status of trainees; are not to replace HOST AGENCY staff; and, are not to render unsupervised patient care and/or services. All services rendered by students must have educational value and meet the goals of the medical education program. HOST AGENCY and its staff will provide such supervision of the educational and clinical activities as is reasonable and appropriate to the circumstances and to the student’s level of training.

3. The HOST AGENCY staff will, upon request, assist the SCHOOL in the assessment of the learning and performance of participating students by completing assessment forms provided by the SCHOOL and returned to the SCHOOL in a timely fashion.

4. The HOST AGENCY will provide for the orientation of SCHOOL’s participating students as to the HOST AGENCY’S rules, regulations, policies, and procedures.

5. The HOST AGENCY agrees to comply with applicable state and federal workplace safety laws and regulations. In the event a student is exposed to an infectious or environmental hazard or other occupational injury (i.e., needle stick) while at the HOST AGENCY, the HOST AGENCY, upon notice of such incident from the student, will provide such emergency care as is provided its employees, including, where applicable: examination and evaluation by HOST AGENCY’s emergency department or other appropriate facility as soon as possible after the injury; emergency medical care immediately following the injury as necessary; initiation of the HBV, Hepatitis C (HCV), and/or HIV protocol as necessary; and HIV counseling and appropriate testing as necessary. In the event that HOST AGENCY does not have the resources to provide such emergency care, HOST AGENCY will refer such student to the nearest emergency facility. The SCHOOL will define, for its medical students, who bears financial responsibility for any charges generated.
6. To the extent the HOST AGENCY, generates or maintains educational records related to the participating student, the HOST AGENCY agrees to comply with the Family Educational Rights and Privacy Act (FERPA), to the same extent as such laws and regulations apply to the SCHOOL and shall limit access to only those employees or agents with a need to know. For the purposes of this Agreement, pursuant to FERPA, SCHOOL hereby designates HOST AGENCY as a school official with a legitimate educational interest in the educational records of the participating student(s) to the extent that access to the SCHOOL’s records is required by HOST AGENCY to carry out the Program.

7. Upon request, the HOST AGENCY will provide proof that it maintains liability insurance in an amount that is commercially reasonable.

8. The HOST AGENCY will provide written notification to the SCHOOL promptly if a claim arises involving a student. The HOST AGENCY and SCHOOL agree to share such information in a manner that protects such disclosures from discovery to the extent possible under applicable federal and state peer review and joint defense laws.

9. The HOST AGENCY will resolve any situation in favor of its patients’ welfare and restrict a student to the role of observer when a problem may exist until the incident can be resolved by the staff in charge of the student or the student is removed. The HOST AGENCY will notify the SCHOOL’s course director if such an action is required.

10. The HOST AGENCY shall identify a site coordinator from among its medical staff who will communicate and cooperate with the SCHOOL’s clerkship director to ensure faculty and medical student access to appropriate resources for the clinical training experience.

C. Mutual Responsibilities

1. Representatives for each party will be established on or before the execution of this AGREEMENT.

2. The parties will work together to maintain an environment of high quality patient care. At the request of either party, a meeting or conference will promptly be held between SCHOOL and HOST AGENCY representatives to resolve any problems or develop any improvements in the operation of the clinical training program.

3. The SCHOOL will provide qualified and competent individuals in adequate number for the instruction, assessment, and supervision of students using the SCHOOL facilities. The HOST AGENCY will provide qualified and competent staff members in adequate number for the instruction and supervision of students using the HOST AGENCY facilities.

4. The SCHOOL and the HOST AGENCY will not discriminate against any employee, applicant or student enrolled in their respective programs because of age, creed, gender identity, national origin, race, sex, sexual orientation or any other basis protected by law.

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5. The SCHOOL, including its faculty, staff, medical students, and residents, and HOST AGENCY share responsibility for creating an appropriate learning environment that includes both formal learning activities and the attitudes, values, and informal "lessons" conveyed by individuals who interact with the student. The parties will cooperate to evaluate the learning environment (which may include on-site visits) to identify positive and negative influences on the maintenance of professional standards, and to conduct and develop appropriate strategies to enhance the positive and mitigate the negative influences. HOST AGENCY shall require its faculty and staff who interact with students to adhere to the expectations set forth in Exhibit A, and communicate student violations to the SCHOOL. SCHOOL agrees to require its students to adhere to the expectations set forth in Exhibit A.

6. HOST AGENCY may immediately remove from the premises and retain the right to suspend or terminate any student's participation at the HOST AGENCY. The HOST AGENCY will immediately notify the appropriate office of the SCHOOL if such an action is required and the reasons for such action. The SCHOOL may terminate a student's participation when, in its sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.

D. Term and Termination

This AGREEMENT is effective upon execution of the Implementation Letter by both parties to the covered clinical training experience(s) and will continue indefinitely or until terminated. This AGREEMENT may be terminated at any time and for any reason by either party upon not less than ninety (90) days prior written notice to the other party. Should notice of termination be given under this Section, students already scheduled to train at HOST AGENCY will be permitted to complete any previously scheduled clinical assignment at HOST AGENCY.

E. Employment Disclaimer

The students participating in the program will not be considered employees or agents of the HOST AGENCY or SCHOOL for any purpose. Students will not be entitled to receive any compensation from HOST AGENCY or SCHOOL or any benefits of employment from HOST AGENCY or SCHOOL, including but not limited to, health care or workers' compensation benefits, vacation, sick time, or any other benefit of employment, direct or indirect. HOST AGENCY will not be required to purchase any form of insurance for the benefit or protection of any student of the SCHOOL.

F. Health Insurance Portability and Accountability Act.

Students participating in clinical training pursuant to this Agreement are members of the HOST AGENCY's workforce for purposes of the Health Insurance Portability and Accountability Act (HIPAA) within the definition of "health care operations" and therefore may have access to patient medical information as provided for in the Privacy Rule of HIPAA. Therefore, additional agreements are not necessary for HIPAA compliance purposes. This paragraph applies solely to HIPAA privacy and security regulations applicable to the HOST AGENCY and, as stated in paragraph E, above, does not establish an employment relationship.
G. No Agency Relationship Between the Parties.

Nothing in this Agreement is intended to or shall be construed to constitute or establish an agency, employer/employee, partnership, franchise, or fiduciary relationship between the parties; and neither party shall have the right or authority or shall hold itself out to have the right or authority to bind the other party, nor shall either party be responsible for the acts or omissions of the other except as provided specifically to the contrary herein.

H. Assignment

This AGREEMENT will not be assigned by either party without the prior written consent of the other.

I. Governmental Immunity

If the SCHOOL is a public entity entitled to protections of governmental immunity under applicable law, it is specifically understood and agreed that nothing contained in this paragraph or elsewhere in this AGREEMENT will be construed as: an express or implied waiver by the SCHOOL of its governmental immunity or of its state governmental immunity; an express or implied acceptance by SCHOOL of liabilities arising as a result of actions which lie in tort or could lie in tort in excess of the liabilities allowable under the applicable governmental immunity laws; or, a pledge of the full faith and credit of a debtor contract; or, as the assumption by the SCHOOL of a debt, contract, or liability of the HOST AGENCY.

J. No Special Damages

In no event shall either party be liable hereunder (whether in an action in negligence, contract or tort or based on a warranty or otherwise) for any indirect, incidental, special or consequential damages incurred by the other party or any third party, even if the party has been advised of the possibility of such damages.

K. Notices

All notices provided by either party to the other will be in writing, and will be deemed to have been duly given when delivered personally or when deposited in the United States mail, First Class, postage prepaid, addressed as indicated in the Uniform Clinical Affiliation Agreement Implementation Letter.

L. No Payments

No payments shall be made between the parties or to the students in connection with this Agreement.

M. Severability
The invalidity of any provision of this AGREEMENT will not affect the validity of any other provisions.

N. Headlines

Headlines in this AGREEMENT are for convenience only.

O. Entire Agreement

This AGREEMENT contains the entire AGREEMENT of the parties as it relates to this subject matter and may be modified only by additional written provisions contained in a properly executed Uniform Clinical Affiliation Agreement Implementation Letter.
EXHIBIT A: TEACHER-LEARNER EXPECTATIONS

The SCHOOL holds in high regard professional behaviors and attitudes, including altruism, integrity, respect for others and a commitment to excellence. Effective learning is best fostered in an environment of mutual respect between teachers and learners. In the context of medical education the term “teacher” is used broadly to include peers, resident physicians, full-time and volunteer faculty members, clinical preceptors, nurses, and ancillary support staff, as well as others from whom students learn.

GUIDING PRINCIPLES:

Duty: Medical educators have a duty to convey the knowledge and skills required for delivering the profession’s standard of care and also to instill the values and attitudes required for preserving the medical profession’s social contract with its patients.

Integrity: Learning environments that are conducive to conveying professional values must be based on integrity. Students and residents learn professionalism by observing and emulating role models who epitomize authentic professional values and attitudes.

Respect: Respect for every individual is fundamental to the ethic of medicine. Mutual respect is essential for nurturing that ethic. Teachers have a special obligation to ensure that students and residents are always treated respectfully.

RESPONSIBILITIES OF TEACHERS AND LEARNERS:

Teachers should:

- Treat students fairly and respectfully
- Maintain high professional standards in all interactions
- Be prepared and on time
- Provide relevant and timely information
- Provide explicit learning and behavioral expectations early in a course or clerkship
- Provide timely, focused, accurate and constructive feedback on a regular basis and thoughtful and timely evaluations at the end of a course or clerkship
- Display honesty, integrity and compassion
- Practice insightful (Socratic) questioning, which stimulates learning and self-discovery, and avoid overly aggressive questioning which may be perceived as hurtful, humiliating, degrading or punitive
• Solicit feedback from students regarding their perception of their educational experiences

• Encourage students who experience mistreatment or who witness unprofessional behavior to report the facts immediately

**Students should:**

• Be courteous of teachers and fellow students

• Be prepared and on time

• Be active, enthusiastic, curious learners

• Demonstrate professional behavior in all settings

• Recognize that not all learning stems from formal and structured activities

• Recognize their responsibility to establish learning objectives and to participate as an active learner

• Demonstrate a commitment to life-long learning, a practice that is essential to the profession of medicine

• Recognize personal limitations and seek help as needed

• Display honesty, integrity and compassion

• Recognize the privileges and responsibilities coming from the opportunity to work with patients in clinical settings

• Recognize the duty to place patient welfare above their own

• Recognize and respect patients' rights to privacy

• Solicit feedback on their performance and recognize that criticism is not synonymous with “abuse”

**Relationships between Teachers and Students**

Students and teachers should recognize the special nature of the teacher-learner relationship which is in part defined by professional role modeling, mentorship, and supervision. Because of the special nature of this relationship, students and teachers should strive to develop their relationship to one characterized by mutual trust, acceptance and confidence. They should both recognize the potential for conflict of interest and respect appropriate boundaries.
June 9, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between Texas Christian University ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and Methodist Health System by and on behalf of Methodist Dallas Medical Center and Methodist Charlton Medical Center ("HOST AGENCY"), at 1441 N. Beckley Avenue, Dallas, TX 75203 with respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a "Party" to this AGREEMENT and they may be referred to collectively as the "Parties" to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the "UCTAA"), a copy of which is attached hereto as Exhibit A and hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the "AGREEMENT" between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

“8. Insurance; Hold Harmless.

8.1 The SCHOOL will provide “claims made” professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. The SCHOOL will not purchase tail insurance, but agrees to maintain professional liability coverage in place, covering any and all students rotating to Host Agency facilities under the AGREEMENT, for the period of limitations applicable to any claim that could arise from the clinical rotations conducted by the students under the terms of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the applicable limitations period.

8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of
HOST AGENCY, its officers, directors, agents, and employees (excluding, for avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.

8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT."

B. The following shall be added to B.1 of the UCTAA:

“These would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, parking spaces conforming to hospital standards/expectations. Aligning with the school’s curriculum, it is anticipated that no more than 10 students (of a class size of 60 students/year), conforming to capacity of the HOST AGENCY and SCHOOL in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at some of the hospital affiliates and then 3-4 students per month for electives, sub-internships, and critical care,” provided however, no student shall rotate to any HOST AGENCY facility unless and until HOST AGENCY has expressly approved such student to conduct a rotation at the HOST AGENCY facility ion question and the duration of such rotation.

The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

“The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level that meets generally accepted standards conducive to instruction. If at any time, SCHOOL determines that HOST AGENCY has not maintained its facilities and care at levels consistent with the standards of the Liaison Committee on Medical Education (“LCME”), SCHOOL shall provide HOST AGENCY with written notice of same, citing in detail the specific deficiencies, and HOST AGENCY shall have thirty (30) days to cure such deficiencies, if it so desires. If such deficiencies are not cured, SCHOOL may, as its sole remedy for such failure, terminate this AGREEMENT.”

C. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

“7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and general liability insurance in amounts of at least $1,000,000 for each occurrence and $3,000,000 in the aggregate which may be procured on a claims made basis and through a program of self-insurance and excess coverage, provided such coverage applies to HOST AGENCY’s employees (including without limitation employed physicians and other employed licensed health professionals), officers and directors.

D. The following shall be added as Section B.11. to the UCTAA:

“11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to duly registered and eligible SCHOOL students (“Student(s)”), which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions
utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students (including mutually agreeing on the specific Students to rotate to Host Agency facilities) the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL. If at any time, SCHOOL determines that HOST AGENCY has not met the requirements of this Section B.11, SCHOOL shall provide HOST AGENCY with written notice of same, citing in detail the specific deficiencies, and HOST AGENCY shall have thirty (30) days to cure such deficiencies, if it so desires. If such deficiencies are not cured, SCHOOL may, as its sole remedy for such failure, terminate this AGREEMENT”

E. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:

“4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability; pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory policies that the SCHOOL promulgates or to which the SCHOOL is subject, provided SCHOOL provides HOST AGENCY with prior written notice of all such policies and with adequate time to review and implement any changes needed to comply with same.”

F. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

“6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY’s patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and what, if any, specific steps HOST AGENCY is requiring to be taken, and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem and implement the steps to the HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. In such event, the SCHOOL shall honor HOST AGENCY’s request for any student’s removal, suspension and/or termination. In addition, the SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.”

G. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.
2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether domestic or freeing, or has wound up or liquidated, voluntarily or otherwise.

H. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

“K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telexfacsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
          Attn: Stuart D. Flynn, M.D.
          Dean, TCU and UNTHSC School of Medicine
          2800 South University Drive
          Fort Worth, Texas 76129

HOST AGENCY: Methodist Health System
              1441 N. Beckley Avenue
              Dallas, TX 75203
              Attn: Designated Institutional Officer

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party.”
1. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The parties agree that they will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs. The SCHOOL and HOST AGENCY shall exchange data and documentation required by the Centers for Medicare and Medicaid Services for timely and complete reporting of the annual count of trainee FTE positions, under the Intern and Resident Information System (IRIS) and other reporting requirements related to the rotation of trainees to HOST AGENCY and needed for to meet requirements regarding the Medicare Direct Medical Education reimbursement and Indirect Medical Education reimbursement.

4. SCHOOL shall ensure that each Student understands that he/she will be under the general direction of the SCHOOL’s policy and procedure manual pertaining to students and under HOST AGENCY’s policies applicable to rotating students. SCHOOL will ensure that each student participating in a rotation to HOST AGENCY facilities understands that he/she is responsible for the cost of all medical care provided to such student by HOST AGENCY including, but not limited to, care provided in connection with an blood or bodily fluid exposure.

5. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

6. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

7. The SCHOOL and Host Agency covenant that as to those individuals from their respective entities that are involved in the student rotations governed by this AGREEMENT, none are an “Ineligible Person,” as defined herein. An “Ineligible Person” shall be any person (individual or entity) that (i) is currently excluded, debarred, or otherwise ineligible to participate in federal procurement and/or non-procurement programs, or any federal or state health care programs, or (ii) has been convicted of a criminal offense relating to or arising out of the provision of health care services or items, whether or not such person has yet been excluded, debarred, or otherwise declared ineligible, or (iii) is currently listed on the Specially Designated Nationals List maintained by the Office of Foreign Assets Control of the United States Treasury Department and with which U.S. persons are prohibited from dealing. School and Host Agency each certify that it is not an Ineligible Person, and that neither it nor its employees or contractors involved in this student rotation under this Agreement are listed on the General Services Administration’s List of Parties Excluded from Federal Programs or the List of Excluded Individuals/Entities maintained
by the Office of Inspector General of the Department of Health and Human Services, or the list of Specially Designated Nationals List maintained by the Office of Foreign Assets Control of the United States Treasury Department.

8. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

9. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections K.2, K.3., K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

10. The parties acknowledge and understand that during the period of the clinical rotation covered by this Agreement, students may be rotating offsite to a private practice setting of the physician(s) who the students have chosen to rotate with ("Offsite Experience"). The SCHOOL and HOST AGENCY expressly agree that HOST AGENCY shall have no responsibility with regard to the Offsite Experience. This Agreement and HOST AGENCY’s responsibilities only relate clinical rotations at Methodist Dallas Medical Center and Methodist Charlton Medical Center.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective as of the date signed by the last party to sign this AGREEMENT ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

**SCHOOL:**
TCU and UTHSC School of Medicine

**By:**
Stuart D. Flynn

**Signature:**

**Title:**
Dean

**Date:**
July 31, 2017

**Address:**
Texas Christian University
Attn: Stuart D. Flynn, M.D.,
Dean, TCU and UTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

**HOST AGENCY:**
Methodist Health System
for and on behalf of: Methodist Dallas Medical Center
and Methodist Charlton Medical Center

**By:**
Pamela J. Stoyanoff

**Signature:**

**Title:**
Ex. V. Pres. & COO

**Date:**

**Address:**
Methodist Dallas Medical Center
1441 N. Beckley Avenue
Dallas, TX 75203
EXHIBIT A

AAMC Uniform Clinical Training Affiliation Agreement - AAMC Publication Date June 4, 2015

[copy of June 4, 2015 uniform agreement is attached on following pages]
PLEASE RETURN SIGNED COPY TO:

Larry D. Tatum, M.D.
Privia Medical Group North Texas
2821 Lackland Rd., Suite 300
Fort Worth, TX 76116
Dear Larry,

Good evening. I hope this note finds you well. We have been hard at work in Fort Worth continuing the development of the MD School collaboratively developed by TCU and UNTHSC. Dean Flynn and the MD school team have been diligently working so that we can submit our application to our accreditation body, the LCME, by August 1. The application contains many elements that we must address including the need to identify clinical faculty. As we discussed a few months ago I am asking Previa Medical Group to consider supporting our application through a Clinical Affiliation Agreement using the documents created by the AAMC and accepted by LCME.

I do not want to give you the impression that this email is meant to supplant the professionalism of a personal conversation nor do I by any means want to appear presumptuous in the relationship between your group and the TCU and UNTHSC School of Medicine. However, as the SOM sprints to its August 1 deadline of sending in all of its materials that will determine if the accreditation body, the LCME, will grant us a site visit in February, 2018, the first positive step towards preliminary accreditation, I would like to start (and hopefully close) on having Previa Medical Group - North Texas as a valued medical school education partner for the school. Your strong affiliation with the school is critical to our short and long term success and I am very excited to have you as a valued partner in our distributive teaching model. I am hopeful that sharing this information by email will expedite the review that will be necessary by your group prior to our discussing, agreeing to the affiliation content and signing.

I have attached two different kinds of documents for your review and for your sharing with other members of your team to ensure that they conform to your group’s requirements and capabilities, hoping to have you sign such codifying our relationship prior to the school’s submission for accreditation. Given teaching relationships you may have with with other medical schools, you may recognize the documents as they represent the AAMC uniform (and accepted by the LCME) affiliation agreement (document AAMC....) and modifications that either your group or the school would like to offer to this document to “personalize” our functional relationship.

To reiterate past conversations, each class will admit 60 students. During their “clinical clerkship year” they will spend approximately 10 weeks on hospital-based rotations to expose them to in-house surgery/operating room experiences, acute hospital care (ICU, etc.) and labor and delivery. These will occur in late summer/fall of this academic year. The remainder of this year will be primarily focused in ambulatory care clinical settings, but with students following their patients to specialty consultative visits, hospital admission (and working with hospitalists) and of course, other hospital-based experiences for any of their patients (including those experienced on their “immersion” rotations).

I should add a few other comments. First these agreements are entirely for teaching and are not meant to address funds flow. We will have those conversations when both parties are prepared for such. Second and importantly, I apologize for overwhelming you with documents. However (and I must conform), the LCME wants a separate implementation letter for EACH hospital and physician group in a system. The generic AAMC template agreement only needs to be signed once as each implementation letter will point to the template.

In closing, I appreciate your efforts in reviewing these documents necessary to move our affiliation forward and look forward to learning of your thoughts, questions, and concerns. I am happy to meet at your earliest convenience. Please let me know how you would like to include or exclude certain hospitals or “entities” in your organization as we want to value those hospitals that you feel would be interested and superb affiliates with the school. Critically, please let me know if there are elements you would like to add or delete from the implementation letter.

Thank you very much for all of your assistance to date and on behalf of the school of medicine, both universities, and our community, I look forward to working closely with you and your colleagues as we unveil an innovative curriculum to train the next generation of
physicians and other healthcare providers.

Mike (and on behalf of Dean Flynn and the entire TCU and UNTHSC School of Medicine)

Michael R. Hicks, MD, MBA, MHCM
Executive Vice President for Clinical Affairs
University of North Texas Health Science Center
3500 Camp Bowie Boulevard
Fort Worth, Texas 76107
Office 817-735-7648
Cell 972-998-6712

2 attachments

- AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT.docx
  122K

- Previa Medical Group TCU Form Implementation Letter Update 7 17.doc
  648K
AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

WHEREAS, the purpose of this AGREEMENT is to guide and direct the parties respecting their affiliation, working arrangements, and agreements in furtherance thereof to provide high-quality clinical learning experiences for medical students in the SCHOOL.

WHEREAS, this AGREEMENT is intended and shall be interpreted to meet the SCHOOL's accreditation standards related to affiliation agreements with clinical affiliates which require at a minimum:

- The HOST AGENCY will provide medical student, and faculty if applicable, access to appropriate resources for medical student education.
- The SCHOOL is ultimately responsible for the medical education program, academic affairs, and the assessment of medical students.
- The SCHOOL is primarily responsible for the appointment and assignment of faculty members with responsibility for medical student teaching.
- Specification of the responsibility for treatment and follow-up when a medical student is exposed to an infectious or environmental hazard or other occupational injury,
- The shared responsibility of the SCHOOL and HOST AGENCY for creating and maintaining an appropriate learning environment. WHEREAS, neither party intends for this AGREEMENT to alter in any way its respective legal rights or its legal obligations to any third party. NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the parties identified in the AAMC Uniform Clinical Training Affiliation Agreement Implementation Letter agree as follows:

1 of 14
Corresponds to LCME Standards for 2016-2017 Academic Year
AAMC Publication Date (June 4, 2015)
A. Responsibilities of the SCHOOL

1. The SCHOOL will plan and determine the adequacy of the educational experience of the students in theoretical background, basic skill, professional ethics, attitude and behavior and shall assign to the HOST AGENCY only those students who have satisfactorily completed the prerequisite didactic portions of the SCHOOL’s curriculum.

2. The SCHOOL will retain ultimate responsibility for the education and assessment of its students. The School’s representative for this Agreement shall be a faculty member appointed and assigned by the SCHOOL, who will be responsible for medical student teaching and assessment provided pursuant to this Agreement.

3. The SCHOOL will advise all students assigned to the HOST AGENCY facilities regarding the confidentiality of patient/client records and patient/client information imparted during the training experience. The SCHOOL will also advise all students that the confidentiality requirements survive the termination or expiration of this AGREEMENT.

4. The SCHOOL will require all participating students to maintain health insurance and provide proof of health insurance to the School. The HOST AGENCY may request the student provide proof of health insurance prior to beginning of the training experience.

5. The SCHOOL will require all participating students to have completed an appropriate criminal background check, and to have documented appropriate immunizations on file with the SCHOOL. If applicable, the HOST AGENCY shall notify the student of any requests for evidence of criminal background test or immunization. The SCHOOL will inform the student of his/her responsibility to provide evidence to the HOST AGENCY of any required criminal background checks or immunizations, when requested.

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Corresponds to LCME Standards for 2016-2017 Academic Year
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The HOST AGENCY shall notify the SCHOOL of its requirements of an acceptable criminal background check and required immunizations. The SCHOOL will also inform students that they may be required to undergo a drug test or other similar screening tests pursuant to the HOST AGENCY’S policies and practices, and that the cost of any such test will be paid by the student, if not the HOST AGENCY.

6. The SCHOOL will advise students that they are required to comply with HOST AGENCY rules, regulations, and procedures.

7. If requested by the HOST AGENCY, the SCHOOL will provide instruction to the HOST AGENCY’S staff with respect to the SCHOOL’s expectations regarding assessment of the SCHOOL’S students at the HOST AGENCY.

8. The SCHOOL warrants and represents that it provides occurrence-based liability insurance or self-insurance for its students with limits of at least $1,000,000 per occurrence and $3,000,000 annual aggregate. However, if the SCHOOL is a public entity entitled to governmental immunity protections under applicable state law, then the SCHOOL shall provide occurrence-based liability coverage in accordance with any limitations associated with the applicable law; but the SCHOOL shall provide such insurance with limits of at least $1,000,000 per occurrence and $3,000,000 annual aggregate in the event governmental immunity protections are determined by a court of competent jurisdiction to not apply. If requested by the HOST AGENCY, the SCHOOL shall provide a certificate of insurance demonstrating coverage for students completing clinical training at the HOST AGENCY.

B. Responsibilities of the HOST AGENCY

1. The HOST AGENCY has a responsibility to maintain a positive, respectful, and adequately resourced learning environment so that sound educational experiences can occur.
Therefore, the HOST AGENCY will provide students and faculty with access to appropriate resources for medical student education including: a) access to patients at HOST AGENCY facilities in an appropriately supervised environment, in which the students can complete the SCHOOL’s curriculum; b) student security badges or other means of secure access to patient care areas; c) access and required training for medical students in the proper use of electronic medical records or paper charts, as applicable; d) computer access; e) secure storage space for medical students’ personal items when at the HOST AGENCY; and f) access to call rooms, if necessary.

2. The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain a level of care that meets generally accepted standards conducive to satisfactory instruction. While in HOST AGENCY’s facilities, students will have the status of trainees; are not to replace HOST AGENCY staff; and, are not to render unsupervised patient care and/or services. All services rendered by students must have educational value and meet the goals of the medical education program. HOST AGENCY and its staff will provide such supervision of the educational and clinical activities as is reasonable and appropriate to the circumstances and to the student’s level of training.

3. The HOST AGENCY staff will, upon request, assist the SCHOOL in the assessment of the learning and performance of participating students by completing assessment forms provided by the SCHOOL and returned to the SCHOOL in a timely fashion.

4. The HOST AGENCY will provide for the orientation of SCHOOL’s participating students as to the HOST AGENCY’S rules, regulations, policies, and procedures.

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5. The HOST AGENCY agrees to comply with applicable state and federal workplace safety laws and regulations. In the event a student is exposed to an infectious or environmental hazard or other occupational injury (i.e., needle stick) while at the HOST AGENCY, the HOST AGENCY, upon notice of such incident from the student, will provide such emergency care as is provided its employees, including, where applicable: examination and evaluation by HOST AGENCY’s emergency department or other appropriate facility as soon as possible after the injury; emergency medical care immediately following the injury as necessary; initiation of the HBV, Hepatitis C (HCV), and/or HIV protocol as necessary; and HIV counseling and appropriate testing as necessary. In the event that HOST AGENCY does not have the resources to provide such emergency care, HOST AGENCY will refer such student to the nearest emergency facility. The SCHOOL will define, for its medical students, who bears financial responsibility for any charges generated.

6. To the extent the HOST AGENCY, generates or maintains educational records related to the participating student, the HOST AGENCY agrees to comply with the Family Educational Rights and Privacy Act (FERPA), to the same extent as such laws and regulations apply to the SCHOOL and shall limit access to only those employees or agents with a need to know. For the purposes of this Agreement, pursuant to FERPA, SCHOOL hereby designates HOST AGENCY as a school official with a legitimate educational interest in the educational records of the participating student(s) to the extent that access to the SCHOOL’s records is required by HOST AGENCY to carry out the Program.

7. Upon request, the HOST AGENCY will provide proof that it maintains liability insurance in an amount that is commercially reasonable.

8. The HOST AGENCY will provide written notification to the SCHOOL promptly if a claim arises involving a student. The HOST AGENCY and SCHOOL agree to share such information in a manner that protects such disclosures from discovery to the extent possible under applicable federal and state peer review and joint defense laws.

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Corresponds to LCME Standards for 2016-2017 Academic Year
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9. The HOST AGENCY will resolve any situation in favor of its patients' welfare and restrict a student to the role of observer when a problem may exist until the incident can be resolved by the staff in charge of the student or the student is removed. The HOST AGENCY will notify the SCHOOL'S course director if such an action is required.

10. The HOST AGENCY shall identify a site coordinator from among its medical staff who will communicate and cooperate with the SCHOOL's clerkship director to ensure faculty and medical student access to appropriate resources for the clinical training experience.

C. Mutual Responsibilities

1. Representatives for each party will be established on or before the execution of this AGREEMENT.

2. The parties will work together to maintain an environment of high quality patient care. At the request of either party, a meeting or conference will promptly be held between SCHOOL and HOST AGENCY representatives to resolve any problems or develop any improvements in the operation of the clinical training program.

3. The SCHOOL will provide qualified and competent individuals in adequate number for the instruction, assessment, and supervision of students using the SCHOOL facilities. The HOST AGENCY will provide qualified and competent staff members in adequate number for the instruction and supervision of students using the HOST AGENCY facilities.

4. The SCHOOL and the HOST AGENCY will not discriminate against any employee, applicant or student enrolled in their respective programs because of age, creed, gender identity, national origin, race, sex, sexual orientation or any other basis protected by law.

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Corresponds to LCME Standards for 2016-2017 Academic Year
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5. The SCHOOL, including its faculty, staff, medical students, and residents, and HOST AGENCY share responsibility for creating an appropriate learning environment that includes both formal learning activities and the attitudes, values, and informal "lessons" conveyed by individuals who interact with the student. The parties will cooperate to evaluate the learning environment (which may include on-site visits) to identify positive and negative influences on the maintenance of professional standards, and to conduct and develop appropriate strategies to enhance the positive and mitigate the negative influences. HOST AGENCY shall require its faculty and staff who interact with students to adhere to the expectations set forth in Exhibit A, and communicate student violations to the SCHOOL. SCHOOL agrees to require its students to adhere to the expectations set forth in Exhibit A.

6. HOST AGENCY may immediately remove from the premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. The HOST AGENCY will immediately notify the appropriate office of the SCHOOL if such an action is required and the reasons for such action. The SCHOOL may terminate a student’s participation when, in its sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.

D. Term and Termination

This AGREEMENT is effective upon execution of the Implementation Letter by both parties to the covered clinical training experience(s) and will continue indefinitely or until terminated. This AGREEMENT may be terminated at any time and for any reason by either party upon not less than ninety (90) days prior written notice to the other party. Should notice of termination be given under this Section, students already scheduled to train at HOST AGENCY will be permitted to complete any previously scheduled clinical assignment at HOST AGENCY.

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Corresponds to LCME Standards for 2016-2017 Academic Year
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E. **Employment Disclaimer**

The students participating in the program will not be considered employees or agents of the HOST AGENCY or SCHOOL for any purpose. Students will not be entitled to receive any compensation from HOST AGENCY or SCHOOL or any benefits of employment from HOST AGENCY or SCHOOL, including but not limited to, health care or workers’ compensation benefits, vacation, sick time, or any other benefit of employment, direct or indirect. HOST AGENCY will not be required to purchase any form of insurance for the benefit or protection of any student of the SCHOOL.

F. **Health Insurance Portability and Accountability Act.**

Students participating in clinical training pursuant to this Agreement are members of the HOST AGENCY’s workforce for purposes of the Health Insurance Portability and Accountability Act (HIPAA) within the definition of “health care operations” and therefore may have access to patient medical information as provided for in the Privacy Rule of HIPAA. Therefore, additional agreements are not necessary for HIPAA compliance purposes. This paragraph applies solely to HIPAA privacy and security regulations applicable to the HOST AGENCY and, as stated in paragraph E, above, does not establish an employment relationship.

G. **No Agency Relationship Between the Parties.**

Nothing in this Agreement is intended to or shall be construed to constitute or establish an agency, employer/employee, partnership, franchise, or fiduciary relationship between the parties; and neither party shall have the right or authority or shall hold itself out to have the right or authority to bind the other party, nor shall either party be responsible for the acts or omissions of the other except as provided specifically to the contrary herein.
H. Assignment

This AGREEMENT will not be assigned by either party without the prior written consent of the other.

I. Governmental Immunity

If the SCHOOL is a public entity entitled to protections of governmental immunity under applicable law, it is specifically understood and agreed that nothing contained in this paragraph or elsewhere in this AGREEMENT will be construed as: an express or implied waiver by the SCHOOL of its governmental immunity or of its state governmental immunity; an express or implied acceptance by SCHOOL of liabilities arising as a result of actions which lie in tort or could lie in tort in excess of the liabilities allowable under the applicable governmental immunity laws; or, a pledge of the full faith and credit of a debtor contract; or, as the assumption by the SCHOOL of a debt, contract, or liability of the HOST AGENCY.

J. No Special Damages

In no event shall either party be liable hereunder (whether in an action in negligence, contract or tort or based on a warranty or otherwise) for any indirect, incidental, special or consequential damages incurred by the other party or any third party, even if the party has been advised of the possibility of such damages.

K. Notices

All notices provided by either party to the other will be in writing, and will be deemed to have been duly given when delivered personally or when deposited in the United States mail, First Class, postage prepaid, addressed as indicated in the Uniform Clinical Affiliation Agreement Implementation Letter.
L. No Payments

No payments shall be made between the parties or to the students in connection with this Agreement.

M. Severability

The invalidity of any provision of this AGREEMENT will not affect the validity of any other provisions.

N. Headlines

Headlines in this AGREEMENT are for convenience only.

O. Entire Agreement

This AGREEMENT contains the entire AGREEMENT of the parties as it relates to this subject matter and may be modified only by additional written provisions contained in a properly executed Uniform Clinical Affiliation Agreement Implementation Letter.
EXHIBIT A: TEACHER-LEARNER EXPECTATIONS

The SCHOOL holds in high regard professional behaviors and attitudes, including altruism, integrity, respect for others and a commitment to excellence. Effective learning is best fostered in an environment of mutual respect between teachers and learners. In the context of medical education the term “teacher” is used broadly to include peers, resident physicians, full-time and volunteer faculty members, clinical preceptors, nurses, and ancillary support staff, as well as others from whom students learn.

GUIDING PRINCIPLES:

Duty: Medical educators have a duty to convey the knowledge and skills required for delivering the profession’s standard of care and also to instill the values and attitudes required for preserving the medical profession’s social contract with its patients.

Integrity: Learning environments that are conducive to conveying professional values must be based on integrity. Students and residents learn professionalism by observing and emulating role models who epitomize authentic professional values and attitudes.
Respect: Respect for every individual is fundamental to the ethic of medicine. Mutual respect is essential for nurturing that ethic. Teachers have a special obligation to ensure that students and residents are always treated respectfully.

RESPONSIBILITIES OF TEACHERS AND LEARNERS:

Teachers should:

- Treat students fairly and respectfully
- Maintain high professional standards in all interactions
- Be prepared and on time
- Provide relevant and timely information
- Provide explicit learning and behavioral expectations early in a course or clerkship
- Provide timely, focused, accurate and constructive feedback on a regular basis and thoughtful and timely evaluations at the end of a course or clerkship
- Display honesty, integrity and compassion
- Practice insightful (Socratic) questioning, which stimulates learning and self-discovery, and avoid overly aggressive questioning which may be perceived as hurtful, humiliating, degrading or punitive
• Solicit feedback from students regarding their perception of their educational experiences

• Encourage students who experience mistreatment or who witness unprofessional behavior to report the facts immediately

Students should:

• Be courteous of teachers and fellow students

• Be prepared and on time

• Be active, enthusiastic, curious learners

• Demonstrate professional behavior in all settings

• Recognize that not all learning stems from formal and structured activities

• Recognize their responsibility to establish learning objectives and to participate as an active learner

• Demonstrate a commitment to life-long learning, a practice that is essential to the profession of medicine

• Recognize personal limitations and seek help as needed

• Display honesty, integrity and compassion

• Recognize the privileges and responsibilities coming from the opportunity to work with patients in clinical settings

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• Recognize the duty to place patient welfare above their own

• Recognize and respect patients’ rights to privacy

• Solicit feedback on their performance and recognize that criticism is not synonymous with “abuse” Relationships between Teachers and Students Students and teachers should recognize the special nature of the teacher-learner relationship which is in part defined by professional role modeling, mentorship, and supervision. Because of the special nature of this relationship, students and teachers should strive to develop their relationship to one characterized by mutual trust, acceptance and confidence. They should both recognize the potential for conflict of interest and respect appropriate boundaries.

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Corresponds to LCME Standards for 2016-2017 Academic Year
AAMC Publication Date (June 4, 2015)
July 20, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter (“Implementation Letter”) is to provide a record of the clinical training affiliation agreement between Texas Christian University (“SCHOOL”), at 2800 South University Drive, Fort Worth, Texas 76129, and Previa Medical Group – North Texas (“HOST AGENCY”), at 2821 Lackland Road, Suite 300, Fort Worth, Texas 76116 in respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a “Party” to this AGREEMENT and they may be referred to collectively as the “Parties” to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the “UCTAA”), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the “AGREEMENT” between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

“8. Insurance; Hold Harmless,

8.1 The SCHOOL will provide “claims made” professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. [The SCHOOL will not purchase tail insurance, but agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.

8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors or employees (excluding, for
avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.

8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT."

B. The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following: "HOST AGENCY acknowledges that SCHOOL is subject to licensing and accreditation standards. In the event that any act or omission of HOST AGENCY (including without limitation HOST AGENCY’s failure to maintain its facilities at a level that meets licensure and/or accreditation standards) results in any deficiency or similar finding by any entity that licenses or accredits SCHOOL, or places SCHOOL’s licensure or accreditation at risk, SCHOOL will share such information with HOST AGENCY. HOST AGENCY will take steps to remedy the matter within the period of time permitted by the applicable licensure or accreditation body. HOST AGENCY understands that if it fails to remedy adequately the matter within such allotted time, or if it is apparent to SCHOOL that HOST AGENCY will not be able to do so, SCHOOL may terminate this Agreement immediately upon notice to HOST AGENCY, and HOST AGENCY shall provide reasonable assistance in transferring SCHOOL’s students to other training sites.”

C. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.: "7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians and other licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY’s performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage.

D. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.: "4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability; pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject.”

E. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

"6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY’s patients, health care professionals, other
employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY's satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student's participation when, in the SCHOOL's sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required."

F. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.: 

"D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether domestic or foreign, or has wound up or liquidated, voluntarily or otherwise.

G. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.: 

"K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telex/simile), or (b) by United States
Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University  
Attn: Stuart D. Flynn, M.D.  
Dean, TCU and UNTHSC School of Medicine  
2800 South University Drive  
Fort Worth, Texas 76129

HOST AGENCY: Previa Medical Group – North Texas  
2821 Lackland Road, Suite 300  
Fort Worth, Texas 76116

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party."

H. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to
Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections K.2, K.3., K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

**SCHOOL:**
TCU and UNTHSC School of Medicine  
Texas Christian University  
Attn: Stuart D. Flynn, M.D.  
Dean, TCU and UNTHSC School of Medicine  
2800 South University Drive  
Fort Worth, Texas 76129

**Signature:**
By:  
Stuart D. Flynn  
Title: Dean, TCU and UNTHSC School of Medicine  
Date: 8/21/17

**Signature:**
By:  
Fred Friedrich  
Title: Senior Associate Dean of Finance and Administration  
TCU and UNTHSC School of Medicine  
Date: 8/23/17

**HOST AGENCY:**  
Privia Medical Group – North Texas  
By:  
Larry Tatum, MD  
Signature:  
Title: Chief Executive Officer  
Date: 7/27/17  
Address:  
2821 Lackland Road, Suite 300  
Fort Worth, Texas 76116
AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

WHEREAS, the purpose of this AGREEMENT is to guide and direct the parties respecting their affiliation, working arrangements, and agreements in furtherance thereof to provide high-quality clinical learning experiences for medical students in the SCHOOL.

WHEREAS, this AGREEMENT is intended and shall be interpreted to meet the SCHOOL’s accreditation standards related to affiliation agreements with clinical affiliates which require at a minimum:

- The HOST AGENCY will provide medical student, and faculty if applicable, access to appropriate resources for medical student education.
- The SCHOOL is ultimately responsible for the medical education program, academic affairs, and the assessment of medical students.
- The SCHOOL is primarily responsible for the appointment and assignment of faculty members with responsibility for medical student teaching.
- Specification of the responsibility for treatment and follow-up when a medical student is exposed to an infectious or environmental hazard or other occupational injury,
- The shared responsibility of the SCHOOL and HOST AGENCY for creating and maintaining an appropriate learning environment. WHEREAS, neither party intends for this AGREEMENT to alter in any way its respective legal rights or its legal obligations to any third party. NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein, the parties identified in the AAMC Uniform Clinical Training Affiliation Agreement Implementation Letter agree as follows:

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Corresponds to LCME Standards for 2016-2017 Academic Year
AAMC Publication Date (June 4, 2015)
A. **Responsibilities of the SCHOOL**

1. The SCHOOL will plan and determine the adequacy of the educational experience of the students in theoretical background, basic skill, professional ethics, attitude and behavior and shall assign to the HOST AGENCY only those students who have satisfactorily completed the prerequisite didactic portions of the SCHOOL’s curriculum.

2. The SCHOOL will retain ultimate responsibility for the education and assessment of its students. The School’s representative for this Agreement shall be a faculty member appointed and assigned by the SCHOOL, who will be responsible for medical student teaching and assessment provided pursuant to this Agreement.

3. The SCHOOL will advise all students assigned to the HOST AGENCY facilities regarding the confidentiality of patient/client records and patient/client information imparted during the training experience. The SCHOOL will also advise all students that the confidentiality requirements survive the termination or expiration of this AGREEMENT.

4. The SCHOOL will require all participating students to maintain health insurance and provide proof of health insurance to the School. The HOST AGENCY may request the student provide proof of health insurance prior to beginning of the training experience.

5. The SCHOOL will require all participating students to have completed an appropriate criminal background check, and to have documented appropriate immunizations on file with the SCHOOL. If applicable, the HOST AGENCY shall notify the student of any requests for evidence of criminal background test or immunization. The SCHOOL will inform the student of his/her responsibility to provide evidence to the HOST AGENCY of any required criminal background checks or immunizations, when requested.

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Corresponds to LCME Standards for 2016-2017 Academic Year
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The HOST AGENCY shall notify the SCHOOL of its requirements of an acceptable criminal background check and required immunizations. The SCHOOL will also inform students that they may be required to undergo a drug test or other similar screening tests pursuant to the HOST AGENCY’S policies and practices, and that the cost of any such test will be paid by the student, if not the HOST AGENCY.

6. The SCHOOL will advise students that they are required to comply with HOST AGENCY rules, regulations, and procedures.

7. If requested by the HOST AGENCY, the SCHOOL will provide instruction to the HOST AGENCY’S staff with respect to the SCHOOL’s expectations regarding assessment of the SCHOOL’S students at the HOST AGENCY.

8. The SCHOOL warrants and represents that it provides occurrence-based liability insurance or self-insurance for its students with limits of at least $1,000,000 per occurrence and $3,000,000 annual aggregate. However, if the SCHOOL is a public entity entitled to governmental immunity protections under applicable state law, then the SCHOOL shall provide occurrence-based liability coverage in accordance with any limitations associated with the applicable law; but the SCHOOL shall provide such insurance with limits of at least $1,000,000 per occurrence and $3,000,000 annual aggregate in the event governmental immunity protections are determined by a court of competent jurisdiction to not apply. If requested by the HOST AGENCY, the SCHOOL shall provide a certificate of insurance demonstrating coverage for students completing clinical training at the HOST AGENCY.

B. Responsibilities of the HOST AGENCY

1. The HOST AGENCY has a responsibility to maintain a positive, respectful, and adequately resourced learning environment so that sound educational experiences can occur.

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Therefore, the HOST AGENCY will provide students and faculty with access to appropriate resources for medical student education including: a) access to patients at HOST AGENCY facilities in an appropriately supervised environment, in which the students can complete the SCHOOL’s curriculum; b) student security badges or other means of secure access to patient care areas; c) access and required training for medical students in the proper use of electronic medical records or paper charts, as applicable; d) computer access; e) secure storage space for medical students’ personal items when at the HOST AGENCY; and f) access to call rooms, if necessary.

2. The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain a level of care that meets generally accepted standards conducive to satisfactory instruction. While in HOST AGENCY’s facilities, students will have the status of trainees; are not to replace HOST AGENCY staff; and, are not to render unsupervised patient care and/or services. All services rendered by students must have educational value and meet the goals of the medical education program. HOST AGENCY and its staff will provide such supervision of the educational and clinical activities as is reasonable and appropriate to the circumstances and to the student’s level of training.

3. The HOST AGENCY staff will, upon request, assist the SCHOOL in the assessment of the learning and performance of participating students by completing assessment forms provided by the SCHOOL and returned to the SCHOOL in a timely fashion.

4. The HOST AGENCY will provide for the orientation of SCHOOL’s participating students as to the HOST AGENCY’S rules, regulations, policies, and procedures.
5. The HOST AGENCY agrees to comply with applicable state and federal workplace safety laws and regulations. In the event a student is exposed to an infectious or environmental hazard or other occupational injury (i.e., needle stick) while at the HOST AGENCY, the HOST AGENCY, upon notice of such incident from the student, will provide such emergency care as is provided its employees, including, where applicable: examination and evaluation by HOST AGENCY’s emergency department or other appropriate facility as soon as possible after the injury; emergency medical care immediately following the injury as necessary; initiation of the HBV, Hepatitis C (HCV), and/or HIV protocol as necessary; and HIV counseling and appropriate testing as necessary. In the event that HOST AGENCY does not have the resources to provide such emergency care, HOST AGENCY will refer such student to the nearest emergency facility. The SCHOOL will define, for its medical students, who bears financial responsibility for any charges generated.

6. To the extent the HOST AGENCY, generates or maintains educational records related to the participating student, the HOST AGENCY agrees to comply with the Family Educational Rights and Privacy Act (FERPA), to the same extent as such laws and regulations apply to the SCHOOL and shall limit access to only those employees or agents with a need to know. For the purposes of this Agreement, pursuant to FERPA, SCHOOL hereby designates HOST AGENCY as a school official with a legitimate educational interest in the educational records of the participating student(s) to the extent that access to the SCHOOL’s records is required by HOST AGENCY to carry out the Program.

7. Upon request, the HOST AGENCY will provide proof that it maintains liability insurance in an amount that is commercially reasonable.

8. The HOST AGENCY will provide written notification to the SCHOOL promptly if a claim arises involving a student. The HOST AGENCY and SCHOOL agree to share such information in a manner that protects such disclosures from discovery to the extent possible under applicable federal and state peer review and joint defense laws.

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9. The HOST AGENCY will resolve any situation in favor of its patients’ welfare and restrict a student to the role of observer when a problem may exist until the incident can be resolved by the staff in charge of the student or the student is removed. The HOST AGENCY will notify the SCHOOL’S course director if such an action is required.

10. The HOST AGENCY shall identify a site coordinator from among its medical staff who will communicate and cooperate with the SCHOOL’s clerkship director to ensure faculty and medical student access to appropriate resources for the clinical training experience.

C. Mutual Responsibilities

1. Representatives for each party will be established on or before the execution of this AGREEMENT.

2. The parties will work together to maintain an environment of high quality patient care. At the request of either party, a meeting or conference will promptly be held between SCHOOL and HOST AGENCY representatives to resolve any problems or develop any improvements in the operation of the clinical training program.

3. The SCHOOL will provide qualified and competent individuals in adequate number for the instruction, assessment, and supervision of students using the SCHOOL facilities. The HOST AGENCY will provide qualified and competent staff members in adequate number for the instruction and supervision of students using the HOST AGENCY facilities.

4. The SCHOOL and the HOST AGENCY will not discriminate against any employee, applicant or student enrolled in their respective programs because of age, creed, gender identity, national origin, race, sex, sexual orientation or any other basis protected by law.

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5. The SCHOOL, including its faculty, staff, medical students, and residents, and HOST AGENCY share responsibility for creating an appropriate learning environment that includes both formal learning activities and the attitudes, values, and informal "lessons" conveyed by individuals who interact with the student. The parties will cooperate to evaluate the learning environment (which may include on-site visits) to identify positive and negative influences on the maintenance of professional standards, and to conduct and develop appropriate strategies to enhance the positive and mitigate the negative influences. HOST AGENCY shall require its faculty and staff who interact with students to adhere to the expectations set forth in Exhibit A, and communicate student violations to the SCHOOL. SCHOOL agrees to require its students to adhere to the expectations set forth in Exhibit A.

6. HOST AGENCY may immediately remove from the premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. The HOST AGENCY will immediately notify the appropriate office of the SCHOOL if such an action is required and the reasons for such action. The SCHOOL may terminate a student’s participation when, in its sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.

D. Term and Termination

This AGREEMENT is effective upon execution of the Implementation Letter by both parties to the covered clinical training experience(s) and will continue indefinitely or until terminated. This AGREEMENT may be terminated at any time and for any reason by either party upon not less than ninety (90) days prior written notice to the other party. Should notice of termination be given under this Section, students already scheduled to train at HOST AGENCY will be permitted to complete any previously scheduled clinical assignment at HOST AGENCY.

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E. Employment Disclaimer

The students participating in the program will not be considered employees or agents of the HOST AGENCY or SCHOOL for any purpose. Students will not be entitled to receive any compensation from HOST AGENCY or SCHOOL or any benefits of employment from HOST AGENCY or SCHOOL, including but not limited to, health care or workers’ compensation benefits, vacation, sick time, or any other benefit of employment, direct or indirect. HOST AGENCY will not be required to purchase any form of insurance for the benefit or protection of any student of the SCHOOL.

F. Health Insurance Portability and Accountability Act.

Students participating in clinical training pursuant to this Agreement are members of the HOST AGENCY’s workforce for purposes of the Health Insurance Portability and Accountability Act (HIPAA) within the definition of “health care operations” and therefore may have access to patient medical information as provided for in the Privacy Rule of HIPAA. Therefore, additional agreements are not necessary for HIPAA compliance purposes. This paragraph applies solely to HIPAA privacy and security regulations applicable to the HOST AGENCY and, as stated in paragraph E, above, does not establish an employment relationship.

G. No Agency Relationship Between the Parties.

Nothing in this Agreement is intended to or shall be construed to constitute or establish an agency, employer/employee, partnership, franchise, or fiduciary relationship between the parties; and neither party shall have the right or authority or shall hold itself out to have the right or authority to bind the other party, nor shall either party be responsible for the acts or omissions of the other except as provided specifically to the contrary herein.

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H. Assignment

This AGREEMENT will not be assigned by either party without the prior written consent of the other.

I. Governmental Immunity

If the SCHOOL is a public entity entitled to protections of governmental immunity under applicable law, it is specifically understood and agreed that nothing contained in this paragraph or elsewhere in this AGREEMENT will be construed as: an express or implied waiver by the SCHOOL of its governmental immunity or of its state governmental immunity; an express or implied acceptance by SCHOOL of liabilities arising as a result of actions which lie in tort or could lie in tort in excess of the liabilities allowable under the applicable governmental immunity laws; or, a pledge of the full faith and credit of a debtor contract; or, as the assumption by the SCHOOL of a debt, contract, or liability of the HOST AGENCY.

J. No Special Damages

In no event shall either party be liable hereunder (whether in an action in negligence, contract or tort or based on a warranty or otherwise) for any indirect, incidental, special or consequential damages incurred by the other party or any third party, even if the party has been advised of the possibility of such damages.

K. Notices

All notices provided by either party to the other will be in writing, and will be deemed to have been duly given when delivered personally or when deposited in the United States mail, First Class, postage prepaid, addressed as indicated in the Uniform Clinical Affiliation Agreement Implementation Letter.
L. No Payments

No payments shall be made between the parties or to the students in connection with this Agreement.

M. Severability

The invalidity of any provision of this AGREEMENT will not affect the validity of any other provisions.

N. Headlines

Headlines in this AGREEMENT are for convenience only.

O. Entire Agreement

This AGREEMENT contains the entire AGREEMENT of the parties as it relates to this subject matter and may be modified only by additional written provisions contained in a properly executed Uniform Clinical Affiliation Agreement Implementation Letter.
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

SCHOOL: TCU and UNTHSC School of Medicine
By: Stuart D. Flynn
Signature: [Signature]
Title: Dean
Date: July 26, 2017
Address: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Texas Health Arlington Memorial
By: Blake Kretz
Signature: [Signature]
Title: President
Date: 7-24-17
Address: 800 W Randol Mill Rd
Arlington, TX 7601

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AAMC
EXHIBIT A: TEACHER-LEARNER EXPECTATIONS

The SCHOOL holds in high regard professional behaviors and attitudes, including altruism, integrity, respect for others and a commitment to excellence. Effective learning is best fostered in an environment of mutual respect between teachers and learners. In the context of medical education the term “teacher” is used broadly to include peers, resident physicians, full-time and volunteer faculty members, clinical preceptors, nurses, and ancillary support staff, as well as others from whom students learn.

GUIDING PRINCIPLES:

Duty: Medical educators have a duty to convey the knowledge and skills required for delivering the profession’s standard of care and also to instill the values and attitudes required for preserving the medical profession’s social contract with its patients.

Integrity: Learning environments that are conducive to conveying professional values must be based on integrity. Students and residents learn professionalism by observing and emulating role models who epitomize authentic professional values and attitudes.

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Respect: Respect for every individual is fundamental to the ethic of medicine. Mutual respect is essential for nurturing that ethic. Teachers have a special obligation to ensure that students and residents are always treated respectfully.

RESPONSIBILITIES OF TEACHERS AND LEARNERS:

Teachers should:

- Treat students fairly and respectfully
- Maintain high professional standards in all interactions
- Be prepared and on time
- Provide relevant and timely information
- Provide explicit learning and behavioral expectations early in a course or clerkship
- Provide timely, focused, accurate and constructive feedback on a regular basis and thoughtful and timely evaluations at the end of a course or clerkship
- Display honesty, integrity and compassion
- Practice insightful (Socratic) questioning, which stimulates learning and self-discovery, and avoid overly aggressive questioning which may be perceived as hurtful, humiliating, degrading or punitive

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• Solicit feedback from students regarding their perception of their educational experiences

• Encourage students who experience mistreatment or who witness unprofessional behavior to report the facts immediately

**Students should:**

• Be courteous of teachers and fellow students

• Be prepared and on time

• Be active, enthusiastic, curious learners

• Demonstrate professional behavior in all settings

• Recognize that not all learning stems from formal and structured activities

• Recognize their responsibility to establish learning objectives and to participate as an active learner

• Demonstrate a commitment to life-long learning, a practice that is essential to the profession of medicine

• Recognize personal limitations and seek help as needed

• Display honesty, integrity and compassion

• Recognize the privileges and responsibilities coming from the opportunity to work with patients in clinical settings

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• Recognize the duty to place patient welfare above their own

• Recognize and respect patients’ rights to privacy

• Solicit feedback on their performance and recognize that criticism is not synonymous with “abuse” Relationships between Teachers and Students Students and teachers should recognize the special nature of the teacher-learner relationship which is in part defined by professional role modeling, mentorship, and supervision. Because of the special nature of this relationship, students and teachers should strive to develop their relationship to one characterized by mutual trust, acceptance and confidence. They should both recognize the potential for conflict of interest and respect appropriate boundaries.

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June 9, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between Texas Christian University ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and Texas Health Arlington Memorial Hospital ("HOST AGENCY"), at 800 W. Randol Mill Road, Arlington, Texas 76012 with respect to a clinical training experience for the SCHOOL's registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a "Party" to this AGREEMENT and they may be referred to collectively as the "Parties" to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the "UCTAA"), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the "AGREEMENT" between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

"A. Insurance; Hold Harmless.

8.1 The SCHOOL will provide "claims made" professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL's students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. [The SCHOOL will not purchase tail insurance, but agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.

8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors or employees (excluding, for avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.
8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT.”

B. The following shall be added to B.1 of the UCTAA:

“These would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, parking spaces conforming to hospital standards/expectations. Aligning with the school’s curriculum, it is anticipated that 8-10 students (of a class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at some of the hospital affiliates and then 3–4 students per month for electives, sub-internships, and critical care.”

The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

“The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education (“LCME”).”

C. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

“7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians and other licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY’s performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage.

D. The following shall be added as Section B.11. to the UCTAA:

“11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to duly registered and eligible SCHOOL students (“Student(s)”), which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL.”

E. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:

“4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability;
pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a
protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws
and policies that the SCHOOL promulgates or to which the SCHOOL is subject.”

F. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

“6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any
student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate
if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk
the health or safety of the HOST AGENCY’s patients, health care professionals, other employees or contractors,
voluteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is
required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of
the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the
HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period,
the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student
at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY.
The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that
further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST
AGENCY is such action is required.”

G. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in
full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the
initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve
(12) months each, unless sooner terminated in accordance with this AGREEMENT:

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred
eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if
the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance
with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as
authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in
training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of
this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6.,
however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may
regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a
general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its
business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether
domestic or freeing, or has wound up or liquidated, voluntarily or otherwise.
H. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

"K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telefacsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Texas Health Arlington Memorial Hospital
800 W. Randol Mill Road
Arlington, TX 76102

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party."

I. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions
thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections K.2, K.3., K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

SCHOOL: TCU and UNTHSC School of Medicine

By: Stuart D. Flynn

Signature: 

Title: Dean

Date: July 26, 2017

Address: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Texas Health Arlington Memorial Hospital

By: Blake Kret

Signature: 

Title: President

Date: 7-24-17

Address: Texas Health Arlington Memorial Hospital
800 W. Randol Mill Road
Arlington, TX 76102
June 9, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between Texas Christian University ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and Texas Health Harris Methodist Hospital Alliance ("HOST AGENCY"), at 10864 Texas Health Trail, Fort Worth, Texas 76244 with respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a “Party” to this AGREEMENT and they may be referred to collectively as the “Parties” to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the "UCTAA"), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the “AGREEMENT” between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

   "8. Insurance; Hold Harmless.

   8.1 The SCHOOL will provide “claims made” professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

   8.2 The SCHOOL will not list the HOST AGENCY as additional insured. The SCHOOL will not purchase tail insurance, but agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.

   8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors or employees (excluding, for avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT."
8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT.

B. The following shall be added to B.1 of the UCTAA:

“These would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, parking spaces conforming to hospital standards/expectations. Aligning with the school’s curriculum, it is anticipated that 8-10 students (of a class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at some of the hospital affiliates and then 3-4 students per month for electives, sub-internships, and critical care.”

The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

“The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education ("LCME").”

C. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

“7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians and other licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY’s performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage.

D. The following shall be added as Section B.11. to the UCTAA:

“11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to duly registered and eligible SCHOOL students (“Student(s)”), which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL.”

E. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:

“4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability;
pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject.”

F. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

“6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY’s patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.”

G. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether domestic or foreign, or has wound up or liquidated, voluntarily or otherwise.
H. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

"K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telefacsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Texas Health Harris Methodist Hospital Alliance
10864 Texas Health Trail
Fort Worth, TX 76244

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party."

I. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions.
and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections K.2, K.3, K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

SCHOOL: TCU and UNTHSC School of Medicine
By: Stuart D. Flynn
Signature: 
Title: Dean
Date: July 28, 2017
Address: Texas Christian University
        Attn: Stuart D. Flynn, M.D.
        Dean, TCU and UNTHSC School of Medicine
        2800 South University Drive
        Fort Worth, Texas 76129

HOST AGENCY: Texas Health Harris Methodist Hospital Alliance
By: Clint Abernathy
Signature: 
Title: President
Date: 7/24/17
Address: Texas Health Harris Methodist Hospital Alliance
        10864 Texas Health Trail
        Fort Worth, TX 76244
June 9, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between Texas Christian University ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and Texas Health Harris Methodist Hospital Alliance ("HOST AGENCY"), at 10864 Texas Health Trail, Fort Worth, Texas 76244 with respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a “Party” to this AGREEMENT and they may be referred to collectively as the “Parties” to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the “UCTAA”), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the “AGREEMENT” between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

   “8. Insurance; Hold Harmless.

   8.1 The SCHOOL will provide “claims made” professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

   8.2 The SCHOOL will not list the HOST AGENCY as additional insured. [The SCHOOL will not purchase tail insurance, but agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.

   8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors or employees (excluding, for avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.
8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT."

B. The following shall be added to B.1 of the UCTAA:

"These would include access to a small conference room, a place for students to lock up their belongings, 1-2 on call rooms in toto as needed, parking spaces conforming to hospital standards/expectations. Aligning with the school’s curriculum, it is anticipated that 8-10 students (of a class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-based clinical care at some of the hospital affiliates and then 3-4 students per month for electives, sub-internships, and critical care."

The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

"The HOST AGENCY will retain full authority and responsibility for patient care and quality standards, and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education ("LCME")."

C. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

"7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians and other licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY’s performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage.

D. The following shall be added as Section B.11. to the UCTAA:

"11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical education services to duly registered and eligible SCHOOL students ("Student(s)"), which at minimum shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can accommodate in accordance with the curricular needs of the SCHOOL."

E. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:

"4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability;"
pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a
protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws
and policies that the SCHOOL promulgates or to which the SCHOOL is subject.”

F. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

“6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any
student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate
if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk
the health or safety of the HOST AGENCY’s patients, health care professionals, other employees or contractors,
vendors or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is
required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of
the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the
HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period,
the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student
at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY.
The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that
further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST
AGENCY is such action is required.”

G. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in
full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the
initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve
(12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred
eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if
the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance
with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as
authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in
training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of
this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6.,
however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may
regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a
general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its
business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether
domestic or foreign, or has wound up or liquidated, voluntarily or otherwise.
H. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

"K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telefacsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNT HSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Texas Health Harris Methodist Hospital Alliance
10864 Texas Health Trail
Fort Worth, TX 76244

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party."

I. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions
thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections K.2, K.3., K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

**SCHOOL:** TCU and UNTHSC School of Medicine

By: Stuart D. Flynn

Signature:

Title: Dean

Date: July 31, 2017

Address: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

**HOST AGENCY:** Texas Health Harris Methodist Hospital Alliance

By: Clint Abernathy

Signature:

Title: President

Date: 7/24/17

Address: Texas Health Harris Methodist Hospital Alliance
10864 Texas Health Trail
Fort Worth, TX 76244
June 9, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between Texas Christian University ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and Texas Health Harris Methodist Hospital Southwest Fort Worth ("HOST AGENCY"), at 6100 Harris Parkway, Fort Worth, Texas 76132 with respect to a clinical training experience for the SCHOOL's registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a "Party" to this AGREEMENT and they may be referred to collectively as the "Parties" to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the "UCTAA"), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the "AGREEMENT" between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

“8. Insurance; Hold Harmless.

8.1 The SCHOOL will provide "claims made" professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL's students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. [The SCHOOL will not purchase tail insurance, but agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.

8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors or employees (excluding, for avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.

1
8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability
insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees,
from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from
injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or
negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the
HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in
connection with or arising out of the activity which is the subject of this AGREEMENT."

B. The following shall be added to B.1 of the UCTAA:

"These would include access to a small conference room, a place for students to lock up their
belongings, 1-2 on call rooms in toto as needed, parking spaces conforming to hospital
standards/expectations. Aligning with the school's curriculum, it is anticipated that 8-10 students (of a
class size of 60 students/year) in the fall of their clerkship year (10 weeks) will be immersed in hospital-
based clinical care at some of the hospital affiliates and then 3-4 students per month for electives, sub-
internships, and critical care."

The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following:

"The HOST AGENCY will retain full authority and responsibility for patient care and quality standards,
and will maintain its facilities and care at a level (a) that meets generally accepted standards conducive to
instruction; and (b) that is consistent with the standards of the Liaison Committee on Medical Education
("LCME")."

C. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.:

"7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and
other customary insurance in amounts that (a) are commercially reasonable, consistent with industry
standards and sufficient to insure its and its employees (including without limitation employed physicians
and other licensed health professionals), officers and directors against foreseeable losses arising from
HOST AGENCY’s performance of its obligations hereunder and its operation of its facilities; and (b)
meet any applicable statutory or regulatory requirements for coverage.

D. The following shall be added as Section B.11. to the UCTAA:

"11. HOST AGENCY shall provide an appropriate learning environment and undergraduate medical
education services to duly registered and eligible SCHOOL students ("Student(s)"), which at minimum
shall meet the applicable standards of the LCME. The clinical rotations shall include teaching sessions
utilizing small classrooms, teaching at the bedside, patient case presentations and procedural skills. The
Parties shall mutually agree to the number of Student rotations and Students the HOST AGENCY can
accommodate in accordance with the curricular needs of the SCHOOL."

E. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.:

"4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is
prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or
transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability;
pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject."

F. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6:

"6. HOST AGENCY may remove from its premises and retains the right to suspend or terminate any student’s participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY’s patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY if such action is required.”

G. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

"D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether domestic or foreign, or has wound up or liquidated, voluntarily or otherwise.
H. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

"K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed telefacsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

HOST AGENCY: Texas Health Harris Methodist Hospital Southwest Fort Worth
6100 Harris Parkway
Fort Worth, TX 76132

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party."

I. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions.
thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections K.2, K.3., K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

**SCHOOL:** TCU and UNTHSC School of Medicine  
By: Stuart D. Flynn  
Signature: [Signature]  
Title: Dean  
Date: July 26, 2017  
Address: Texas Christian University  
Attn: Stuart D. Flynn, M.D.  
Dean, TCU and UNTHSC School of Medicine  
2800 South University Drive  
Fort Worth, Texas 76129

**HOST AGENCY:** Texas Health Harris Methodist Hospital Southwest Fort Worth  
By: Joseph Deleon  
Signature: [Signature]  
Title: President  
Date: 7/24/17  
Address: Texas Health Harris Methodist Hospital Southwest Fort Worth  
6100 Harris Parkway  
Fort Worth, TX 76132
July 17, 2017

AAMC UNIFORM CLINICAL TRAINING AFFILIATION AGREEMENT

IMPLEMENTATION LETTER

The purpose of this letter ("Implementation Letter") is to provide a record of the clinical training affiliation agreement between Texas Christian University ("SCHOOL"), at 2800 South University Drive, Fort Worth, Texas 76129, and Texas Health Physicians Group ("HOST AGENCY"), at Texas Health Resources Arlington Tower, 612 E. Lamar, Suite 500, Arlington TX 76011 in respect to a clinical training experience for the SCHOOL’s registered students. The SCHOOL and the HOST AGENCY may be individually referred to herein as a “Party” to this AGREEMENT and they may be referred to collectively as the “Parties” to this AGREEMENT.

The Parties hereby confirm and restate their agreement to abide by all terms and conditions of the AAMC Uniform Clinical Training Affiliation Agreement (AAMC Publication Date June 4, 2015) (the “UCTAA”), which is hereby incorporated by reference as if fully set forth herein, without modification or exception except as specified below. This Implementation Letter and the UCTAA are collectively the “AGREEMENT” between the Parties.

The following provisions shall be revised and/or added to the AGREEMENT as modifications or exceptions to the UCTAA:

A. Section A.8. of the UCTAA is hereby deleted and replaced with the following new Section A.8.:

"8. Insurance; Hold Harmless.

8.1 The SCHOOL will provide “claims made” professional liability insurance for students training in a clinical setting in the amount of $1,000,000 per occurrence and $3,000,000 aggregate. If requested by the HOST AGENCY, the SCHOOL shall provide certificates of liability insurance to HOST AGENCY indicating coverage of the SCHOOL’s students training in a clinical setting for their acts, failure to act or negligence arising out of or caused by the activity which is the subject of this AGREEMENT.

8.2 The SCHOOL will not list the HOST AGENCY as additional insured. The SCHOOL will not purchase tail insurance, but agrees to keep its insurance coverage in effect for two years following the termination of this AGREEMENT. In the event it does not maintain coverage for that time period, the SCHOOL will purchase tail insurance for the remaining portion of the two-year commitment.

8.3 The HOST AGENCY agrees that, to the extent permissible under applicable law and within and up to any limits established by applicable law, it will indemnify and hold harmless the SCHOOL, its servants, agents and employees, and any students training at the HOST AGENCY, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act or negligence of HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors or employees (excluding, for
avoidance of doubt, the SCHOOL, its agents, employees and students) in connection with or arising out of the activity which is the subject of this AGREEMENT.

8.4 The SCHOOL agrees that, within and to the limits of its comprehensive liability insurance coverage, it will indemnify and hold harmless the HOST AGENCY, its agents and employees, from any and all liability, damage, expense, causes of action, suits, claims or judgments arising from injury to person(s) or personal property or otherwise which arises out of the act, failure to act, or negligence of the SCHOOL, its agents, employees and students (excluding, for avoidance of doubt, the HOST AGENCY, its servants, agents, volunteer personnel, patients, visitors and employees) in connection with or arising out of the activity which is the subject of this AGREEMENT."

B. The first sentence of Section B.2. of the UCTAA is hereby deleted and replaced with the following: "HOST AGENCY acknowledges that SCHOOL is subject to licensing and accreditation standards. In the event that any act or omission of HOST AGENCY (including without limitation HOST AGENCY's failure to maintain its facilities at a level that meets licensure and/or accreditation standards) results in any deficiency or similar finding by any entity that licenses or accredits SCHOOL, or places SCHOOL's licensure or accreditation at risk, SCHOOL will share such information with HOST AGENCY. HOST AGENCY will take steps to remedy the matter within the period of time permitted by the applicable licensure or accreditation body. HOST AGENCY understands that if it fails to remedy adequately the matter within such allotted time, or if it is apparent to SCHOOL that HOST AGENCY will not be able to do so, SCHOOL may terminate this Agreement immediately upon notice to HOST AGENCY, and HOST AGENCY shall provide reasonable assistance in transferring SCHOOL's students to other training sites."

C. Section B.7. of the UCTAA is hereby deleted and replaced with the following new Section B.7.: "7. Upon request, the HOST AGENCY will provide proof that it maintains professional liability and other customary insurance in amounts that (a) are commercially reasonable, consistent with industry standards and sufficient to insure its and its employees (including without limitation employed physicians and other licensed health professionals), officers and directors against foreseeable losses arising from HOST AGENCY's performance of its obligations hereunder and its operation of its facilities; and (b) meet any applicable statutory or regulatory requirements for coverage.

D. Section C.4. of the UCTAA is hereby deleted and replaced with the following new Section C.4.: "4. The HOST AGENCY and the SCHOOL agree that neither will engage in discrimination that is prohibited by applicable law against any individual on the basis of age; sex; gender identity/expression or transgender status; sexual orientation; race; creed; color; religious belief; national origin; disability; pregnancy, childbirth or a related medical condition; genetic information; military service; or status as a protected veteran, and the HOST AGENCY further agrees to comply with all non-discriminatory laws and policies that the SCHOOL promulgates or to which the SCHOOL is subject."

E. Section C.6 of the UCTAA is hereby deleted and replaced with the following new Section C.6: "6. HOST AGENCY may remove from its premises and retain the right to suspend or terminate any student's participation at the HOST AGENCY. Such removal, suspension and/or termination may be immediate if the student is engaged in behavior that is disruptive to the operations of HOST AGENCY or that places at risk the health or safety of the HOST AGENCY's patients, health care professionals, other employees or contractors, volunteers or visitors. In that event, the HOST AGENCY shall immediately notify the SCHOOL if such action is
required and the reasons for such action. In all other instances, the HOST AGENCY shall notify the SCHOOL of the issue and provide the SCHOOL and the affected student a reasonable opportunity to cure the problem to the HOST AGENCY’s satisfaction, such cure period not to exceed thirty (30) days. At the end of such cure period, the HOST AGENCY will notify the SCHOOL if the issue has or has not been remedied and whether the student at that juncture must be removed, suspended or terminated from participating in training at the HOST AGENCY. The SCHOOL may terminate a student’s participation when, in the SCHOOL’s sole discretion, it determines that further participation by the student would no longer be appropriate. The SCHOOL will notify the HOST AGENCY is such action is required.”

F. Section D. of the UCTAA is hereby deleted and replaced with the following new Section D.:

“D. Term and Termination.

1. This AGREEMENT shall become effective as of the EFFECTIVE DATE and shall continue in full force and effect for an initial term ending at least one year after the EFFECTIVE DATE. After the initial term, this AGREEMENT shall be automatically renewed from year to year for a period of twelve (12) months each, unless sooner terminated in accordance with this AGREEMENT.

2. Either Party may terminate this AGREEMENT without cause by providing at least one hundred eighty (180) days prior written notice to the other Party.

3. Either Party may, by written notice of default to the other Party, terminate this AGREEMENT if the other Party fails materially to perform any of the obligations of this AGREEMENT in accordance with its terms, and does not cure such failure within a period of thirty (30) days (or such extension as authorized by the other Party in writing) after receiving notice of default.

4. For avoidance of doubt, the removal, suspension or termination of a student from participating in training at the HOST AGENCY pursuant to the provisions of Section C.6. shall not constitute a default of this Agreement by either Party. (The failure of a Party to comply with the provisions of Section C.6., however, would constitute such a default).

5. Either Party may terminate this AGREEMENT by written notice to the other Party, and may regard the other Party as in default of this AGREEMENT, if the other Party becomes insolvent, makes a general assignment for the benefit of creditors, suffers or permits the appointment of a receiver for its business or assets, becomes subject to any proceeding under any bankruptcy or insolvency law whether domestic or foreign, or has wound up or liquidated, voluntarily or otherwise.

G. Section K. of the UCTAA is hereby deleted and replaced with the following new Section K.:

“K. Notices.

Service of all notices, requests, demands, and other communications required, provided for, and permitted by this AGREEMENT, shall be given to the respective Parties in writing either by (a) actual delivery (e.g., personally, by commercial courier service, or by confirmed facsimile), or (b) by United States Postal Service registered or certified mail, return receipt requested, postage prepaid, addressed to the Parties as follows:

SCHOOL: Texas Christian University
HOST AGENCY: Texas Health Physicians Group

Such notices or communications shall be deemed to have been received (i) if by actual delivery, on the date of receipt by the Party, or (ii) if by mail, on the second day on which mail is delivered following the date of deposit with the United States Postal Service addressed to the respective representatives of each Party as set forth above or to such other persons or places as either Party may from time to time designate by written notice to the other Party.”

II. The following additional provisions shall apply and shall be part of the AGREEMENT:

1. The HOST AGENCY agrees that it will abide by all applicable executive orders, federal, state and local laws, rules and regulations in effect as of the date of this AGREEMENT, and as they may change or be amended from time to time, including without limitation compliance with the Americans with Disabilities Act.

2. This AGREEMENT shall be governed by and construed under the laws of the State of Texas. The Parties consent to the sole jurisdiction and venue in any court of competent jurisdiction in Tarrant County, Texas, in any action or proceeding arising out of or related to this AGREEMENT.

3. The HOST AGENCY will permit, on reasonable request, the inspection of clinical and related facilities by governmental and nongovernmental agencies charged with responsibility for accreditation or other regulatory oversight of the SCHOOL or any of the SCHOOL’s programs.

4. The failure of either Party to enforce any provision of this AGREEMENT shall not be construed as a waiver or limitation of that Party’s right to subsequently enforce and compel strict compliance with every provision of this AGREEMENT.

5. Each Party to this AGREEMENT represents to the other that it has the full right, power and authority to enter and perform this AGREEMENT in accordance with all of the terms and conditions thereof, and that the execution and delivery of this AGREEMENT has been made by authorized representatives of the Parties.

6. HOST AGENCY certifies that neither it nor any of its principals (officers, directors, owners, partners, key employees involved with this AGREEMENT, or management or supervisory personnel) is presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in this transaction or in any federal grant, benefit, contract or program (including but not limited to Medicare and Medicaid and Federal Health Care Programs) by any Federal department or agency, and HOST AGENCY shall notify the SCHOOL immediately if it becomes aware of any such exclusion, debarment, or sanction.

7. This AGREEMENT may be executed in one or more counterparts, each of which will be deemed to be an original copy of this AGREEMENT and both of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this AGREEMENT and of signature
pages by facsimile, pdf or other electronic transmission shall constitute effective execution and delivery of this AGREEMENT as to the Parties and may be used in lieu of the original AGREEMENT for all purposes.

8. The following provisions of the UCTAA, as modified by the Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore: Sections A.8.3, A.8.4, B.6, B.8, G, I, J, K and M. In addition, Sections K.2, K.3, K.4 of this Implementation Letter, shall survive the expiration or termination of the AGREEMENT, regardless of the reasons therefore.

[The remainder of this page is intentionally left blank. Signature page follows.]
This AGREEMENT is effective when signed by all parties ("EFFECTIVE DATE"). The individuals executing this AGREEMENT are authorized to sign on behalf of their institutions and certify that their institutions have accepted the terms of the Implementation Letter and the UCTAA and further agree to comply with the terms of the UCTAA as modified in the Implementation Letter.

SCHOOL:
TCU and UNTHSC School of Medicine
Texas Christian University
Attn: Stuart D. Flynn, M.D.
Dean, TCU and UNTHSC School of Medicine
2800 South University Drive
Fort Worth, Texas 76129

Signature: [Signature]
By: Stuart D. Flynn
Title: Dean, TCU and UNTHSC School of Medicine
Date: July 26, 2017

Signature: [Signature]
By: Fred Friedrich
Title: Senior Associate Dean of Finance and Administration
TCU and UNTHSC School of Medicine
Date: __________________________

HOST AGENCY:
Texas Health Physicians Group

By: [Signature]

Signature: [Signature]
Title: [Title]
Date: 7/26/17

Address:
Texas Health Resources
Arlington Tower
612 E. Lamar
Suite 500
Arlington, TX 76011
Appendix G: Curricula Vitae for Core Faculty
Jennifer L. Allie, Ph.D., MPA
January 25, 2017

Office of Faculty Affairs and Development
TCU and UNTHSC School of Medicine
Fort Worth, TX

M: (682) 404-7695
Jennifer.allie@fwmdschool.org

Title: There’s a policy: Nobody bats an eye at babies being born. A critical feminist policy discourse analysis of a paid parental leave policy.

Academic Background
1997-2006 B.A., Gender Studies, minor in Creative Writing
University of Utah

2007-2012 MPA, Center for Public Policy, Department of Political Science
University of Utah

2008-2012 Ph.D., Department of Educational Leadership & Policy
University of Utah

Professional Experience

June 2016-present

Associate Dean, Faculty Affairs and Development, TCU and UNTHSC School of Medicine

September 2014-May 2016

Co-Director, Office of Diversity and Inclusion, University of Arizona, College of Medicine-Phoenix

July 2013-May 2016

Associate Dean, Office of Faculty Affairs and Development, University of Arizona, College of Medicine-Phoenix

July 2013-May 2016

Assistant Professor, Department of Bioethics and Humanism, University of Arizona, College of Medicine-Phoenix

July 2012-June 2013

Executive Director, Office of Faculty Affairs, University of Arizona, College of Medicine-Phoenix

2008-July 2012

Director, Faculty and Academic Affairs, University of Utah Health Sciences Center

2004-2008

Director, Faculty and Academic Affairs, University of Utah School of Medicine

Professional Organizations

September 2009- ASHE, Member

September 2009 AERA, Member

July 2015- National Association of Diversity Officers in Higher Education, Member.

Academic Experience

January 2016-present Affiliate Faculty, Women and Gender Studies Program, Texas Christian University

Fall 2015 – July 2016 co-Director – MEDP 850B Preparation for Teaching and Leadership and Residency, UA College of Medicine Phoenix

Instructor – COM-P Faculty Leadership Development Program

Instructor – COM-P Community Faculty Development Physician as Educator Program, HonorHealth Faculty Development Program and Yuma Regional Medical Center

Spring 2013  Lecturer COPH: Advanced Health Care Administration: Policy Analysis and Evaluation for Administrators. Instructor: Gail Barker, Ph.D.

Summer 2010  Teaching Assistant – Department of Educational Leadership & Policy ELP 7960: Seminar- Policy Analysis. Instructor: Andrea Rorrer, Ph.D.

2009-2012  Research Assistant – Utah Education Policy Center Institutional policy analysis U of U 6-309 – Faculty Parental Leave Policy. Instructor: Andrea Rorrer, Ph.D.

2011  Teaching Assistant – Department of Educational Leadership & Policy. Graduate Seminar- Policy Analysis. Instructor: Andrea Rorrer, Ph.D.

2011  Teaching Assistant - Department of Educational Leadership & Policy. Graduate Seminar Applied Qualitative Methodologies. Instructor: Cori Groth, Ph.D.

Awards, Fellowships, and Scholarships

2008  Homer Durham Scholarship, University of Utah, Masters of Public Administration

2009  George C. Bolon Scholarship – academic achievement, University of Utah Department of Educational Leadership & Policy

2009  Pi Alpha Alpha

2010  Bennion Fellowship- Higher Education Policy Studies, University of Utah Department of Educational Leadership & Policy

2013-2014  University of Arizona Academic Leadership Institute (ALI) Fellowship

2014-2015  University of Arizona College of Medicine – Phoenix Leadership Fellowship

Continuing Education


Service

2013-2016  Member, Group on Faculty Affairs Communications Subcommittee, American Association of Medical Colleges


University Community Activities

2008-2012 Co-Chair: The Exceptional Patient Experience – Faculty Hiring and Retention Practices

2008-2012 Member, Presidential Committee on Status of Women, University of Utah; Sub-Committee Member: Part-Time Tenure Policy Review

2008-2010 Member, Diversity Requirement Committee, University of Utah

2009-2012 Member, Presidential Committee on Status of Women, University of Utah; Sub-Committee Member: Diversity in Institutional Leadership

Revised: March 4, 2016
2011-2012 Chair, Presidential Commission on Status of Women, Faculty Pipeline Issues, University of
Utah

2012 Chair, Scholarly Projects Director Search, University of Arizona College of Medicine – Phoenix

2013 Chair, LCME IS-16 Response Subcommittee, University of Arizona College of Medicine – Phoenix

2013 Chair, Chief Diversity Office Search, University of Arizona College of Medicine – Phoenix

2013 Chair, Chief Diversity Office Search, University of Arizona College of Medicine – Phoenix

2014 Member, LCME Institutional Standards Self-Study Committee, University of Arizona College of
Medicine – Phoenix

2014-present: Member, University of Arizona College of Medicine – Phoenix Admissions Committee,
Pathway Scholars subcommittee

Organizational Presentations
2012 Search committee best practices: Recruiting for the best and brightest and increasing awareness of
unconscious bias in the evaluation of faculty candidates. University of Arizona College of Medicine,
Department of Basic Medical Sciences

2014 Self-assessment and self-promotion: Why an effective personal statement is important. Carl T.
Hayden, VAMC Faculty Development Program.

2014 How to be your own best mentor: Strategic career planning, mentorship, sponsorship, and self-
awareness. Carl T. Hayden, VAMC Faculty Development Program

2014 Graceful art of self-promotion. The University of Arizona College of Medicine – Phoenix FCM
Fellowship Program. December 12, 2014

2015 Strategic career management: Mentorship, sponsorship, and self-awareness. The University of
Arizona College of Medicine – Phoenix FCM Fellowship Program. April 3, 2015

2016 Promoting Academic Writing: Using writing accountability groups to support academic writing.
The University of Arizona College of Medicine – Phoenix.

2016 Cultural Consciousness and Bias Awareness. The University of Arizona College of Medicine –

Organizational Publications:
2010, Rorrer, Andrea; Allie, Jennifer – University of Utah Policy 6-315 – Faculty Parental Leave Policy
Evaluation and Recommendations

2011, Allie, J., Ayogi-Bangerter, J. University of Utah Faculty Recruitment Toolkit: University Policies
and Best Practices for Faculty Recruitment, Selection, and Retention. University of Utah Office of
Faculty and Academic Affairs, Health Sciences Center and University of Utah Office of Diversity and
Equity.

2015, Allie, J. Chair Toolkit. The University of Arizona College of Medicine – Phoenix

Revised: March 4, 2016
Conference Presentations:
June 27, 2015 Allie J., Jain-Goel, Swati, Callahan, E., Williams, V., Haas, A., Congdon, J., Career flexibility policies supporting faculty diversity: Attracting, retaining, and developing the faculty of tomorrow. AAMC Group on Diversity and Inclusion and Group on Faculty Affairs Professional Development Conference.

Invited Talks:


2015, Allie, J., Snyder J. Retooling Faculty Development: Increasing Engagement through Technology for the Faculty of Tomorrow. EDUCAUSE, AAMC Group on Diversity and Inclusion and Group on Faculty Affairs Innovations in Education Webinar.

Paper Presentations:


Poster Sessions:
2009, Allie, J. University of Utah College of Education Research Fair: Gender schema and the evaluation of teaching style, delivery, and expectations: A case-study evaluation of student evaluations of faculty teaching, the differential effect of the nurturing schema for women academics in university classrooms.

2011, Hopf, H., DelMar, K, Allie, J. AAMC National Conference, November 2011. Group on Women in Medicine: Defining a strategic communication strategy to create purpose and sense of belonging for women faculty, residents, and students. A case-study concerning the organizational effects on the participation and sense of belonging for women faculty work at a research intensive academic medical center


2015, Allie, J. Faculty and administrator perceptions of commitment during paid parental leave. ACE and Sloan Foundation Career Flexibility for Biomedical Faculty of Today and Tomorrow Conference. March 14, 2015. Boston, MA

Manuscripts in Preparation:
Allie, J., Shah, D. Re-thinking faculty development for the next generation: Strategies for bridging generational issues and engaging the faculty of tomorrow.

Allie, J. The non-tenure track faculty member: Imperatives and implications for faculty governance and engagement in research-extensive institutions.

Allie, J., Rorrer, A. Work-life policies & the academy: Unraveling the deep structures of face-time, ideal worker norms, and the academy.

Allie, J. Faculty parental leave policies: The discourse of tenure and parenthood in the academy.
# CURRICULUM VITAE

Deidi Strickland Bergestuen, MD, PhD

## CONTACT INFORMATION

4517 Elm River Court  
Ft. Worth, Texas 76116  
Telephone: 682-224-5533  
Cell phone: 817-372-8379  
E-mail: deidi.bergestuen@hotmail.com

## CHRONOLOGY OF EDUCATION

### UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Date</th>
<th>Degree/Education</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/1986-5/1990</td>
<td>B.A. History <em>(summa cum laude)</em></td>
<td>Texas A&amp;M University, College Station, TX</td>
</tr>
</tbody>
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### GRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Date</th>
<th>Degree/Education</th>
<th>Institution</th>
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<tbody>
<tr>
<td>8/1990-6/1994</td>
<td>Doctor of Medicine</td>
<td>University of Texas Southwestern Medical School, Dallas, TX</td>
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### POSTGRADUATE TRAINING:

<table>
<thead>
<tr>
<th>Date</th>
<th>Degree/Education</th>
<th>Institution</th>
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<tbody>
<tr>
<td>7/1994-6/1996</td>
<td>Residency (years 1 and 2), Internal Medicine</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>7/1996-6/1997</td>
<td>Residency (year 3), Internal Medicine</td>
<td>State U. of New York Health Science Center, Syracuse, NY</td>
</tr>
<tr>
<td>7/1997-12/1997</td>
<td>Chief Resident, Internal Medicine</td>
<td>State U. of New York Health Science Center, Syracuse, NY</td>
</tr>
<tr>
<td>10/2002</td>
<td>Bergenstest, Competency in Norwegian</td>
<td>Folkuniversitetet, Oslo, Norway</td>
</tr>
<tr>
<td>1/2003</td>
<td>Course for Medical Terms in Norwegian</td>
<td>University of Oslo, Oslo, Norway</td>
</tr>
<tr>
<td>8/2003-9/2003</td>
<td>Course, Ethics/Law in Norwegian Health</td>
<td>University of Oslo, Oslo, Norway</td>
</tr>
<tr>
<td>9/2005-9/2010</td>
<td>PhD in medicine</td>
<td>University of Oslo, Oslo, Norway</td>
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### BOARD CERTIFICATION:

<table>
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<tr>
<th>Date</th>
<th>Certification</th>
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<tr>
<td>11/1997</td>
<td>ABIM</td>
<td>Internal Medicine</td>
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<tr>
<td>12/2007</td>
<td>ABIM</td>
<td>Internal Medicine (recertification)</td>
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<tr>
<td></td>
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<td>Will be taking recertification exam 4/2017</td>
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LICENSURE:

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<tr>
<th>Year</th>
<th>State</th>
<th>License</th>
<th>Status</th>
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<tbody>
<tr>
<td>1995</td>
<td>TX</td>
<td>J8794</td>
<td>Expired/Living in Norway</td>
</tr>
<tr>
<td>1997</td>
<td>NY</td>
<td>207354</td>
<td>Expired/Living in Norway</td>
</tr>
<tr>
<td>1998</td>
<td>New Jersey</td>
<td>67122</td>
<td>Expired/Living in Norway</td>
</tr>
<tr>
<td>2005</td>
<td>Norway</td>
<td>8965625</td>
<td>Current</td>
</tr>
<tr>
<td>2015</td>
<td>TX (Physician in training license)</td>
<td>436686</td>
<td>Expired</td>
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<tr>
<td>2016</td>
<td>TX</td>
<td>J8794</td>
<td>Current</td>
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CHRONOLOGY OF EMPLOYMENT

OTHER PROFESSIONAL EXPERIENCE:

<table>
<thead>
<tr>
<th>Date</th>
<th>Position</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>8/1997-12/1997</td>
<td>Night Float</td>
<td>Crouse Hospital, Syracuse, NY</td>
</tr>
<tr>
<td>4/1998-8/2001</td>
<td>Clinical Assistant Professor of Medicine</td>
<td>University of Medicine and Dentistry of New Jersey, Newark, NJ</td>
</tr>
<tr>
<td>3/2003-11/2003</td>
<td>Hospitant (resident level)</td>
<td>Department of Medicine, University of Oslo, Rikshospitalet University Hospital, Oslo, Norway</td>
</tr>
<tr>
<td>2/2004-8/2004</td>
<td>Intern</td>
<td>Department of Surgery, Bærum Hospital, Sandvika, Norway</td>
</tr>
<tr>
<td>8/2004-2/2005</td>
<td>Intern</td>
<td>Family Practice, Sundet Medical Clinic, Eidsvoll, Norway</td>
</tr>
<tr>
<td>2/2005-12/2011</td>
<td>Fellow</td>
<td>Division of Gastroenterology, University of Oslo, Rikshospitalet University Hospital, Oslo, Norway</td>
</tr>
<tr>
<td>7/2015-4/2016</td>
<td>Fellow</td>
<td>Division of Digestive and Liver Diseases, University of Texas Southwestern Medical Center, Dallas, TX</td>
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TEACHING RESPONSIBILITIES:

<table>
<thead>
<tr>
<th>Date</th>
<th>Institution</th>
<th>Role</th>
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<tbody>
<tr>
<td>7/1997-12/1997</td>
<td>SUNY HSC, Syracuse, NY</td>
<td>Attending, Residents’ Outpatient Clinic</td>
</tr>
<tr>
<td>10-1997-12/1997</td>
<td>SUNY HSC, Syracuse, NY</td>
<td>Preceptor, PE and Dx, 3rd yr med students</td>
</tr>
<tr>
<td>4/1998-8/2001</td>
<td>Dept of Medicine, UMDNJ-Newark, NJ</td>
<td>Ward attending for residents/students</td>
</tr>
<tr>
<td>4/1998-8/2001</td>
<td>Dept of Medicine, UMDNJ-Newark, NJ</td>
<td>Director Residents’ Outpatient Clinic</td>
</tr>
<tr>
<td>4/1998-8/2001</td>
<td>Dept of Medicine, UMDNJ-Newark, NJ</td>
<td>Diverse lectures for students, housestaff</td>
</tr>
<tr>
<td>4/1998-8/2001</td>
<td>Dept of Medicine, UMDNJ-Newark, NJ</td>
<td>Clinic preceptor, third year med students</td>
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HONORS AND AWARDS:

<table>
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<tr>
<th>Year</th>
<th>Honor or Award</th>
<th>Institution</th>
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<tbody>
<tr>
<td>1994</td>
<td>Alpha Omega Alpha Honor Society</td>
<td>UT Southwestern Medical School</td>
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<tr>
<td>1998</td>
<td>Nominated for Outstanding Teacher</td>
<td>UMDNJ-Newark, NJ 3rd year med students</td>
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<tr>
<td>2001</td>
<td>Housestaff Teaching Award</td>
<td>UMDNJ-Newark, NJ Dept of Medicine</td>
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ADMINISTRATIVE EXPERIENCE

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<th>Period</th>
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<tr>
<td>1/2011-12/2011</td>
<td>Center Organizer and Pt Coordinator</td>
<td>Center for Neuroendocrine Tumors, U Oslo</td>
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PROFESSIONAL & SCIENTIFIC COMMITTEES

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<th>Period</th>
<th>Committee</th>
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<tr>
<td>7/1997-10/1997</td>
<td>Medical Floors Facilitation Committee</td>
<td>SUNY HSC Syracuse, NY</td>
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<td>7/1997-12/1997</td>
<td>Residency and Fellowship Review Cmte</td>
<td>SUNY HSC Syracuse, NY</td>
</tr>
<tr>
<td>1/1999-8/2001</td>
<td>Performance Improvement Committee</td>
<td>UMDNJ-Newark, NJ Dept of Medicine</td>
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<tr>
<td>1/2001-8/2001</td>
<td>Ambulatory Care Committee</td>
<td>UMDNJ-Newark, NJ University Hospital</td>
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PROTOCOL REVIEW COMMITTEE/STUDY SECTIONS

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<tr>
<th>Period</th>
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<th>Institution</th>
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<tr>
<td>8/2016-1/2017</td>
<td>Protocol Review and Monitoring Cmte</td>
<td>UT Southwestern Medical Center, Dallas TX</td>
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SYMPOSIUM/MEETING CHAIR/COORDINATOR

<table>
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<tr>
<th>Date</th>
<th>Role</th>
<th>Institution</th>
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<tbody>
<tr>
<td>4/14/1999</td>
<td>Coordinator, CME Course Diabetes Mgmt</td>
<td>UMDNJ-Newark, NJ Dept of Medicine</td>
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PROFESSIONAL COMMUNITY ACTIVITIES

<table>
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<th>Period</th>
<th>Role</th>
<th>Institution</th>
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<tr>
<td>10/1997-12/1997</td>
<td>Volunteer Attending</td>
<td>Syracuse, NY Hope Clinic for Homeless</td>
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</table>
PEER-REVIEWED JOURNAL ARTICLES


UNPUBLISHED POSTER ABSTRACT PRESENTATIONS


ORAL PRESENTATIONS

Meeting Presentations

International


National

Grand Rounds Presentations

2001  Bergestuen, D.S. Overview of vasculitis. University of Medicine and Dentistry – Newark, Department of Medicine, Newark, NJ.

2008  Bergestuen, D.S. Heart disease in patients with small intestinal neuroendocrine tumors. University of Oslo, Rikshospitalet University Hospital, Department of Medicine, Oslo, Norway.

FOREIGN LANGUAGES
Norwegian fluent

REFERENCES
Available on request
PROFESSIONAL SUMMARY

Executive with 20+ years of management experience in public affairs, education, health care, sports management and community development. Dynamic leader successful at building and leveraging relationships with career experience in advocacy, policy, media and crisis communications, strategic planning, creative leadership and project management. Recognized community leader with major board roles and experience. Helped create major university campus with nearly $1 billion in funding.

SKILLS

- Health care leadership experience
- Strategic project management
- Crisis communications
- Relationship building/leveraging
- Non-profit management
- Sports and Tourism
- Team leader and member
- Successful Fund Creation
- Marketing and branding

WORK HISTORY

July 2016 to present – Associate Dean and Chief Communication and Strategy Officer, TCU and UNTHSC School of Medicine, Fort Worth, Texas
- Coordination of the strategic planning for the new medical school in Fort Worth, including creation of Strategic Plan, Business Plan and other organizing documents.
- Serve as the chief advisor to the Dean of the School of Medicine and a primary liaison among the School and the two universities.
- Develop messaging and branding to capture the uniqueness and innovation at the School of Medicine.
- Build extensive relationships throughout the city and region in government, business, and community.
- Assist in efforts to raise critical funding for the School of Medicine and coordination of naming gift.
- Coordinate with communications efforts built into the curriculum to create “empathetic scholars” as the future physicians.
- Educate both internal and external audiences on the benefits of a new allopathic medical school.
- Serve as a spokesperson to raise awareness of the new School of Medicine and create opportunities for awareness throughout all media channels.

01/1993 to July 2016 – The University of Arizona

02/2006 to present – Associate Vice President, University Relations – Phoenix, AZ
- Coordination and oversight of the University of Arizona presence in Maricopa County.
- Responsible for strategic relationships, public relations, community relations, government relations, marketing, crisis communications, marketing and policy development for the University's presence in Greater Phoenix area.
- Established outreach efforts, including recognized community programs, for the expansion of the University's Colleges of Medicine, Pharmacy and Public Health on a new campus in downtown Phoenix. Brought UA Eller College of Management to Downtown Phoenix.
Serve as chief advisor to the dean of the College of Medicine – Phoenix on strategic relationships, outreach and communications.
Awarded more than $800 million in funding from the State Legislature to expand the Colleges and additional funding to build research and education buildings.
Attained more than $30 million in funding from the City of Phoenix to build the University’s campus, in addition to infrastructure, support and design assistance.
Built strategic and productive relationships with the business community, community leaders, media, policy makers, donors, foundations, social service agencies, hospitals, universities and community groups.
Defined strategy and business plan for the University of Arizona College of Medicine - Phoenix.
Built team of 15 and serve as member of Executive Management Team.
Work closely with Phoenix Biomedical Campus Advisory Board, National Alumni Board, UA Foundation board and others.

02/2003 to 02/2006 -- **Associate Vice President, Federal Relations** – Tucson, AZ
- Served as primary federal lobbyist for The University of Arizona, responsibility for overall federal strategy for the University of Arizona.
- Annual earmarked appropriations to the University averaged from $10 to $20 million, with competitive grant funding averaging about $450 million.
- Built strategic relationships with Congressional offices, federal agencies and collaborators.

01/1999 to 01/2003 -- **Director of Government Relations** – Tucson, AZ
- State and federal government relations for The University of Arizona Health Sciences Center (UA Colleges of Medicine, Nursing, Pharmacy and Public Health).
- Successful lobbying efforts with the Arizona State Legislature included increases in funding for new and existing programs, as well as the passage of bills, including a statute change protecting cancer patients on clinical trials.
- Built strategic relationships with state agencies, community groups and business leaders who helped advocate on behalf of the University.

01/1993 to 12/1998 -- **Associate Director, Office of External Relations** – Tucson, AZ
- Media relations for Sarver Heart Center, the UA Department of Surgery, all transplant programs and general areas of the Arizona Health Sciences Center.
- Created and managed public relations plans in addition to crisis communications, strategic planning, pro-active and reactive media relations.
- Supervision of professional and student staff.

ADDITIONAL EXPERIENCE

01/2009 to 05/2013 -- **Principal and Consultant, JB Strategies Group** – Phoenix, AZ
- Formed consulting firm for government and public relations that successfully lobbied for protection of funding for Phoenix Children's Hospital.
- Created and hosted outreach events for additional clients.

09/2005 to 11/2011 -- **Loaned Executive, Mayor's Office** – Phoenix, AZ
- Liaison between The University of Arizona and the City of Phoenix on issues relating to the expansion of the UA Colleges of Medicine and Pharmacy into downtown Phoenix.
- Coordinate activities on expansion program with universities, hospitals and health care facilities, business, community leaders, media and government.
- Assist the Mayor in positions regarding health care, medicine and research.
04/1991 to 01/1993 -- Lifestyle Editor  
The Casa Grande Dispatch News – Casa Grande, AZ

06/1988 to 03/1991 -- Medical and Feature Reporter  
The Odessa American – Odessa, Texas

EDUCATION

Master of Science: Public Health, Administration and Policy  
The University of Arizona - Tucson, AZ - Expected Dec. 2018

Bachelor of Arts: Journalism and Sociology  
The University of Arizona - Tucson, AZ

BOARDS AND APPOINTMENTS

- Women’s Center of Tarrant County, Board of Directors
- Fiesta Bowl Board of Directors – 2013-present, currently committee chair
- Arizona Sports and Tourism Authority, 2012 Chair (Appointed by Senate President), 2008 – 2013 (served as chair in 2012, landing the Superbowl for 2015); re-appointed by Governor Jan Brewer 2014 and Speaker of the House, served until 2016
- City of Phoenix Industrial Development Authority board, (Mayoral appointment) 2013 – 2016, currently Vice Chair
- Southwest Kids Cancer Foundation, board of directors, 2013-2016
- City of Chandler Economic Development, board of directors, 2011-2016
- City of Phoenix Board of Adjustment, (Mayoral appointment), 2011-2012
- Phoenix Community College President’s Advisory Board, 2006 - 2016
- Discovery Triangle, board member, 2010 -2016
- Downtown Phoenix Partnership, committee member, 2007 - 2016
- Phoenix Community Alliance, executive committee member, 2007 - 2016
- Phoenix Biomedical Campus Steering Committee, board member, 2003 - 2016
- City of Phoenix Downtown Strategic Plan Advisory Committee
- Flinn Foundation Biosciences Roadmap Steering Committee, 2003 - 2016
- Downtown Phoenix Partnership Economic Development Committee

ADDITIONAL INFORMATION

AWARDS AND ACHIEVEMENTS

- Leukemia & Lymphoma Society, Arizona  
Woman of the Year 2013
- The Tucson Business Edge, Forty Under 40 Awards
- The Phoenix Business Journal, Forty Under 40 Awards
- American Cancer Society, Arizona Division  
Honorary Recognition for Passage of First Complete Cancer Clinical Trials Legislation in the U.S.
- Arizona Cancer Center Honorary Friends
- World Congress on Biomedical Communications, Third Place, Print Periodical
- Arizona Associated Press Managing Editors, First Place for Feature Writing
- Texas Associated Press Managing Editors, First Place for Team Series
CURRICULUM VITAE
Michael J. Bernas, MS

BORN: Phoenix, Arizona – January 02, 1960
(2 children)

EDUCATION: B.S. – University of Arizona, Tucson, AZ, December 1982, General Biology
M.S. – University of Arizona, Tucson, AZ, December 1985, Genetics

POSITIONS:
1986-1988 Research Assistant I, Department of Pathology, University of Arizona College of Medicine, Tucson, AZ
1988-1988 Research Assistant II, Department of Pathology, University of Arizona College of Medicine
1988-1989 Research Technician II, Department of Pathology, Fred Hutchinson Cancer Research Center, Seattle, Washington
1989-1990 Research Assistant III, Department of Surgery (Lymphology), University of Arizona College of Medicine
1990-1998 Research Specialist, Department of Surgery (Lymphology), University of Arizona College of Medicine
1998- Associate Scientific Investigator (faculty series), Department of Surgery (Lymphology), University of Arizona College of Medicine
2006- Curriculum Director, Student Research Programs (MSRP/SIMI), University of Arizona, College of Medicine
2008- Member, Venom, Immunochemistry, Pharmacology, and Emergency Response (VIPER) Institute, University of Arizona
2008- Adjunct Faculty, University of Missouri (Columbia) Sinclair School of Nursing
2010- Associate Director, Student Research Programs (MSRP/SIMI), University of Arizona, College of Medicine

HONORS:

RESEARCH ACTIVITIES:
A. Ongoing Research Support
5 R01 MH065151 UA subcontract Persidsky (PI) 07/01/08 - 06/30/17
DHHS/NIH/NIMH
Title of study: BBB Tight Junctions During HIV-1 Dementia: Anti-Inflammatory Effects of GSK-3b Suppression
Major goals: Primary human brain microvascular endothelial cells (BMVEC) will be isolated and cultured from the temporal cortex of brain tissue obtained during surgical removal of epileptogenic foci in adult patients to examine GSK-3b suppression.
Role: Subcontract Co-I
Title of study: Translating Translation and Scientific Questioning in the Global K-12 Community
Major goals: To develop the Virtual Clinical Research Center/Questionarium (VCRC/Q) in web-based platform, for a real-life kindergarten to grade twelve experience linking scientists with students, teachers, CTSAs, SEPA projects, and the public.
Role: Co-I

Title of study: Infection and Immunity K-12 Science Program: Exploring Knowns/Unknowns via VCRC/Q
Major goals: To improve health/science literacy by developing inquiry-based comprehensive web-based/face-to-face curriculum focused globally on infection and immunity and designing and organizing teacher workshops and inservice training to assist in implementation and dissemination.
Role: Co-I

Title of study: Short-Term Training to Increase the Diversity Pipeline in Heart/Lung/Blood Research
Major goals: To introduce, train, and nurture inquiring medical and undergraduate students (including under-represented minorities) in cardiovascular/lung/blood basic/clinical biomedical research and encourage intensive/extensive research experiences to retain and strengthen the diverse student research pipeline.
Role: Curriculum Coordinator

Title of study: High School Student NeuroResearch Program (HSNRP)
Major goals: To develop/implement model program to recruit, train and mentor growing cadre of diverse/disadvantaged (including under-represented minority) high school students in biomedical research targeting neuro disorders & stroke.
Role: Curriculum Coordinator

Title of study: Summers in Children's Research for Diverse High School Students
Major goals: This grant offers annually 8 diverse junior/senior high school students and 4 continuing undergraduates from Arizona an exciting educational 8-12 week summer experience in "hands on, brain on" basic and clinical research broadly targeting childhood and developmental disorders and maternal health and health disparities.
Role: Curriculum Coordinator

Title of study: High resolution electrical brain mapping by real-time and portable 4d acoustoelectric imaging
The major goal: To develop the first noninvasive, real-time and portable electrical brain mapping system based on disruptive acoustoelectric (AE) technology.
Role: Co-I

**B. Completed Research Support**

PR100654-M Witte (PI) Department of Defense
Title: Progression of Inflammatory Bowel Disease to Cancer: Is the Patient “Better Off” without Lymphatic Vessels or Nodes (or Angiopoietin 2)
Goal: Determine whether lymphatic insufficiency and Ang2 deficiency in a mouse model protects against progression of inflammatory colitis to colorectal cancer.
Role: I

PR100451- JS Alexander, LSU, Shreveport (PI) Department of Defense Idea Grant
Title: Lymphatic Vascular-based Therapy for IBD
Goal: Explore mechanisms and therapeutic targets of lymphatic involvement in the course of inflammatory bowel disease.
Role: Subcontract Co-I

NIH R25RR022120- (PI Witte) 3/21/06-2/28/12
"K-12 Virtual Clinical Research Center (VCRC) Medical Ignorance Exploratorium (MIE) Phase I & II"
Develop, test and disseminate a VCRC and MIE directed at K-12 community to improve health and science literacy and clinical research career opportunities.
ARRA Administrative Supplement 8/17/09-8/16/11
Administrative Supplement 9/23/10-2/28/12
Role: Curriculum Director

NIH NIAID #5 R01 MH065151 subcontract -- 7/1/07-6/30/08
University of Arizona subcontract, BBB Tight Junctions During HIV-1 Dementia
Neural microvascular cell culture system for in vitro model of human blood brain barrier with examination of BB alterations in HIV encephalopathy. R01 awarded to U. Nebraska (PI Y Persidsky)
Role: Subcontract Co-PI

Arizona Biomedical Research Commission, Contract # 0720 (PI Witte) 7/1/06-10/31/09
Massage Therapy in Childhood Lymphedema
Role: Co-I

NIH R21 AT01326 9/30/02-11/30/07
NCCAM
"Massage Therapy for Breast Cancer-Related Lymphedema"
Ongoing clinical trial of efficacy of massage therapy with or without compression bandaging in patients with mild breast cancer-related lymphedema.
Role: PI

RSGTL-05-090-01-CCE American Cancer Society #8007: 1/1/05-12/31/08
"Pre-Clinical Model of Breast Cancer Treatment-Related Lymphedema"
Pre-clinical screening approaches to breast cancer treatment-related lymphedema
Role: Co-I

HealthSouth Rehabilitation Institute of Tucson $35,836 (renewable annually) 7/1/00-6/30/06
"Lymphedema research program" Funds for support personnel for clinical research in lymphedema-angiodysplasias
Role: Clinical Research Program Coordinator (PI Witte)

NIH R21 AT00405 2/1/01-12/31/04
"Massage Therapy for Experimental Lymphedema"
Physiologic mechanisms and efficacy of different forms of massage therapy on reducing lymph formation and enhancing lymph absorption in a rat model of cancer-treatment related lymphedema.
Role: Co-I (PI Witte)

NIH R25 RR15670 9/30/01-9/29/06
"Medical Ignorance (Q3) Collaboratory: K-12 Curriculum/Dissemination"
Further development of the Medical Ignorance (Q3) curriculum and biomedical research preceptorships for on-site and distance learning in science education for K-12 students and teachers including Witte/Erickson labs.
Role: Curriculum Director (PI Witte)

The Susan G. Komen Breast Cancer Foundation Phoenix Race for the Cure 1996 Award #9600813A, Breast-Cancer Associated Lymphedema Database-Registry, 1/1/96.
Role: Investigator (PI Witte)

Arizona Disease Control Research Commission, Contract #I-103, In Vitro Model of Kaposi Sarcoma: Phenotypic and Genotypic Profile; 7/1/91-6/30/94.
Role: Investigator (PI Witte)

Role: Investigator (PI Witte)
Arizona Disease Control Research Commission, Contract # 8277-000000-1-WF-9314, Effect of Alcohol on the Hepatic Microvasculature In Vivo and In Vitro, 7/1/88-6/30/91.
Role: Investigator (PI Witte)

EDITORIAL ASSIGNMENTS:
2002 - Associate Editor-In-Chief, U.S. Chinese Journal of Lymphology and Oncology
2003 - Executive Editor, Journal Lymphology

SUMMARY OF RESEARCH MENTORING:
Surgical Resident Physician Laboratory Mentoring/ Assistance (year-long)
2015  Napoleon Cieza, MD
2014  Daniel Cucher, MD
2012  Andrew Abrahms, MD

Post-Graduate Physician Laboratory Projects
Lymphology fellows: 1 or more per year part time in laboratory, variable; 1989-91: Todd Case, M.D., "Lymphologic Studies in Filariasis" 1990-91; Geronimo Ramirez, M.D., NIH fellow, 1990-93; Eric Elam, M.D., Resident in Radiology (MRI), 1992; Pan American WHO fellows (India): Drs. Kar and Koya (filariasis), 1990-91; Chinese Education Association for International Exchanges: Dr. Xu-jian Shao 9/92-9/94; LaTanya Lee-Donaldson, M.D., 11/97-6/99; Dr. Zhiyu Liu Professor of Anatomy, Shandong Medical College, Chinese Government fellow, 9/98-6/99. T. Paartinen, MD, Visiting Research Fellow from Dr. K. Alitalo, Hartmann Institute, U. Helsinki, Finland, 6/30/00-7/31/00. Teressa Myloyde, MD, Research Fellow, 7/1/01-6/30/02; Japanese Government Fellow H Shimoda '10/1/02-7/1/03; Vanessa Jensen, MD, 7/1/06-6/30-06.

Pre-Doc Graduate Student
Michael Dellinger, Molecular and Cellular Biology 2005-2008, PhD "Angiopoietin 2 and Lymphatic Development," (now Assistant Professor, Surgery, U TX Southwestern Medical Center)

Medical Students (Research Distinction and multiple-year projects)
T. Myloyde, Magnetic Resonance Imaging (MRI) of the Lymphatic System: Experimental Studies and Clinical Background (Class of 2001); K. Northup Jones, Syndromic Classifications of Hereditary Lymphedema (Class of 2002); M. Meislin, Vascular Genomics of Post-Natal Lymphangiogenesis (2009); C. Cherington, The Conditions of Lymphatic Disruption that Best Prevent Tumor Metastasis to Lymph Nodes (2010); S. Daley "Progression of Inflammatory Bowel Disease to Cancer: Is the Patient "Better Off" Without Lymphatic Vessels or Nodes (or Angiopoietin 2)?" (2016);

Medical Students (NIH Short-term Training and Research Electives)
Undergraduate Students


PAPERS:


and amygdalohippocampectomy. Neurogenomics Epub online, Jun 2, 2016, PMID: 27251580, DOI 10.1007


CHAPTERS:


BOOK:


ABSTRACTS:


61. Martin C, M Witte, M Bernas, D Way, F Travis, C Witte: Systemic vascular endothelial growth factor (VEGF-1) increases rat intestinal transcapillary (lymphatic water) and protein flux by enhancing filtering


68. Myloyde T, PSchornack, B Kriederman, R Gillies, M Bernas, M Witte, A Gmitro, Z Bhujwalla, C Witte: Magnetic resonance imaging (MRI) of the lymphatic system: Experimental studies. ISL Presidential Prize winner. 18th Int'l Congress of Lymphology, Abstract booklet, Genoa, Italy, 9/3-7/01, p 70.


70. Witte M, A Scadron, M Bernas, T Myloyde: MI Collaboratory. SEPA Meeting Posters, Houston 03/02


75. Bernas, M, B Kriederman, M Lynch, T Myloyde, P Summers, C Witte, M Witte: Massage therapy for lymphedema treatment. 19th International Congress of Lymphology, Freiburg, Germany, 9/1-6/03, Abstract booklet, p. 16.

76. Kriederman, B, T Myloyde, M Witte, S Dagenais, C Witte, M Rennels, M Bernas, M Lynch, R Erickson, M Caulder, N Miura, D Jackson, TW Glover: Foxc2 haploinsufficient mice are a model for human autosomal dominant lymphedema-distichiasis syndrome. ISL Presidential Prize. Presented at 19th International Congress of Lymphology, Freiburg, Germany, 9/1-6/03, Abstract booklet, p. 86.


139. Bedrick, A, S Lau-Braunhut, S Behan, S Daley, B Barber, J Livingston, M Brown, P Kuo, R Avery, M Bernas, M Witte: Whole body lymphangioscintigraphy and SPECT-CT in neonates, infants and small
children with chylous reflux syndromes. 25th International Congress on Lymphology, San Francisco, CA, 9/7-11/15, Abstract booklet, P84


CURRICULUM VITAE

Jacqueline A. Chadwick, M.D., M.A.

EDUCATION

1967 - 1971 Arizona State University
   Tempe, Arizona
   Major: Zoology, B.S.

1971 - 1975 University of Arizona College of Medicine
   Tucson, Arizona
   M.D.

1975 - 1978 Family Practice Residency
   Scottsdale Memorial Hospital
   Scottsdale, Arizona

1999 – 2006 Trinity International University
   Deerfield, Illinois
   M.A. (Bioethics)

ACADEMIC APPOINTMENTS

1992 - 1999 Clinical Assistant Professor
   Department of Family and Community Medicine
   University of Arizona College of Medicine
   Phoenix, Arizona

1999 – 2003 Clinical Associate Professor
   Department of Family and Community Medicine
   University of Arizona College of Medicine
   Phoenix, Arizona

2003 - Present Clinical Professor
   Department of Family/Community and Preventive Medicine
   University of Arizona College of Medicine
   Phoenix, Arizona

1998 – 2000 Clinical Assistant Professor
   College of Public Health
   University of Arizona
   Tucson, Arizona
2000 – 2003  Clinical Associate Professor  
College of Public Health  
University of Arizona  
College of Public Health  
Tucson, Arizona

2003 – present  Associate Professor  
College of Public Health  
University of Arizona  
Tucson, Arizona

2013 – present  Professor  
Department of Family, Community and Preventive Medicine  
University of Arizona College of Medicine  
Phoenix, Arizona

2014 – present  Professor  
Department of Bioethics and Medical Humanism  
University of Arizona College of Medicine  
Phoenix, Arizona

EMPLOYMENT

1978 - 1980  Family Practice Residency  
Assistant Director  
Scottsdale Memorial Hospital  
Scottsdale, Arizona

1980 - 1981  Part-time Occupational Medicine  
Garrett Turbine Engine Company  
Mesa, Arizona

1980 - 1990  Private Practice  
Jacqueline A. Chadwick, M.D., Ltd.  
Scottsdale, Arizona

1981 - 1986  Lecturing Physician/Re-Retirement Classes  
Garrett Turbine Engine Company  
Mesa, Arizona

1986 - 1990  Partner  
Scottsdale Family Health Center
Scottsdale, Arizona

1990 - 1992  Samaritan Physicians Center
Chair, Family Practice Department
Phoenix, Arizona

1994 - 2006  Part-time Volunteer Physician
St. Vincent de Paul Free Clinic
and Neighborhood Christian Clinic
Phoenix, Arizona

1992 - 2013  University Physicians, Inc.
Practicing at the office of
Drs. Sieckmann, Ottwell, Chadwick, Sistek and Ripley
North Medical Plaza III
10210 North 92nd Street, Suite 106
Scottsdale, Arizona 85258

1992 - 1996  Associate Dean
Phoenix Programs
University of Arizona College of Medicine
Phoenix, Arizona

1996 - 2001  Vice Dean
Phoenix Programs
University of Arizona College of Medicine
Phoenix, Arizona

2001 - 2004  Associate Vice President Health Sciences
College of Medicine Phoenix Campus
Phoenix, Arizona

2004 – 2005  Vice Dean, Academic Affairs
University of Arizona
College of Medicine
Phoenix Campus

2005 – 2009  Associate Dean, Clinical Affairs
University of Arizona College of Medicine – Phoenix
In partnership with Arizona State University

2009 - Present  Vice Dean for Academic Affairs
University of Arizona College of Medicine – Phoenix
CERTIFICATION

Arizona State License #12887 1975
Certified by the American Board of Family Medicine 1978

HONORS AND AWARDS

1971 Outstanding Pre-Med Graduate, Arizona State University
1978 Chief Resident, Family Practice Residency
1978 Diplomate, American Board of Family Practice
1985 Women of Achievement Award, Scottsdale Business and Professional Women
1989 Fellow, American Academy of Family Physicians
1993 College of Medicine Phoenix Alumni Award, St. Joseph’s Hospital and Medical Center
1993 Fred Mitten Medal for Leadership, Maricopa County Medical Society
1995 Arizona’s Family Physician of the Year, Arizona Academy of Family Physicians
2002 Arizona Medical Association President’s Award for Distinguished Service
2003 Commission on the Status of Women Vision Award University of Arizona Commissioned by the Arizona Board of Regents
2003  Health Care Heroes 2003 – Health Care Manager Award
Sponsored by The Business Journal, Blue Cross Blue Shield of
Arizona and The Plaza Companies

2004  Arizona Alumni Association Professional Achievement
Award, University of Arizona Foundation, Tucson, Arizona

SERVICE
Outreach – Local and State

1984 - 1992  Sports Care Team,
Scottsdale Memorial Hospital

1984 - 1992  Editorial Staff,
“SCOPE” [Medical Staff Publication]
Scottsdale Memorial Hospital

1986-1996  Board of Directors
Arizona Academy of Family Physicians

1987 - 1992  Board of Trustees,
Maricopa Foundation for Medical Care

1987- 2003  Long-Range Planning Committee,
Arizona Medical Association

1988 - 1992  Co-Chair,
Major Review
Maricopa Foundation for Medical Care

1988 - 1992  Vice President,
Maricopa Foundation for Medical Care

1988 - 1992  Executive Committee,
Maricopa Foundation for Medical Care

1988 - present  Board of Directors,
Arizona Medical Association

1989 - present  Finance Committee,
Arizona Medical Association
1989-1996, 2002-present  
Executive Committee,  
Arizona Medical Association

1990-1994  
Treasurer,  
Arizona Medical Association Subsidiaries

1991-1994  
Long Range Planning Committee,  
Arizona Academy of Family Physicians

1992-2014  
Committee on Governmental Affairs,  
Arizona Academy of Family Physicians

1992  
President,  
Arizona Medical Association

1993  
Governor’s Health Benefit Plan Committee  
State of Arizona

1993  
Immediate Past President,  
Arizona Medical Association

1993 - 1995  
Board of Directors,  
Maricopa Area Health Education Center

1993-1995  
Medical Education Committee,  
Arizona Medical Association

1994-1995  
Co-Chair,  
Primary Care Task Force  
Arizona Council for Graduate Medical Education

1994-1995  
Outgoing Past President,  
Arizona Medical Association
SERVICE
Outreach – Local & State (continued)

1994-1998 Committee on Long Range & Strategic Planning, Arizona Medical Association
1997-2002 Chair Committee on Long Range & Strategic Planning, Arizona Medical Association
1994-2005 Chair 2012-present Committee on Legislative & Governmental Affairs, Arizona Medical Association
1995-present Board of Directors, Institute for Health Professions Education
1995-2003 Clinical Policy & Practice Committee St. Vincent de Paul Free Clinic
1995-present Member, Committee on Bioethics, Arizona Medical Association
1996-2005 Member, Committee on Finance, Arizona Medical Association
1996-1997 Member, Committee on Medicine in Transition, Arizona Medical Association
1996-2003 Board of Directors, Scottsdale Memorial Health Systems, Inc.
1996 Speaker of Congress of Delegates Arizona Academy of Family Physicians Congress of Delegates
1998 Advisory Committee Member, Arizona Foundation for Women
1998-1999 Board of Medical Examiners Committee Arizona Medical Association
SERVICES

Outreach – Local & State (continued)

1998-2000 Board of Directors
Arizona Medical Association (AMA Alternate Delegate)

2000 – 2004 Board of Directors
Arizona Medical Association
AMA Delegate & Delegation Chair

2001 - 2004 Committee on Accreditation and Medical Education,
Arizona Medical Association

2000 – present Member, Health Careers Education Advisory Board
Arizona Department of Education

2000 – 2003 Scottsdale Healthcare Board of Directors Quality Committee

2010 Arizona Academy of Family Physicians
Legislative Task Force

Outreach – National

1990 - 1995 Family Practice Advisory Panel,
The United States Pharmacopoeia Convention

1991 - 1993 Committee on Women in Family Medicine,
American Academy of Family Physicians

1992-1993 Alternate Delegate,
American Academy of Family Physicians

1994-2000 Alternate Delegate,
American Medical Association

1994, 1995 Delegate,
American Academy of Family Physicians

1998-2000 Executive Committee Member
American Medical Association
Forum for Medical Affairs (establish curriculum for programs)
2002 – 2011 Delegate
American Medical Association

2003 – 2013 Delegation Chair
American Medical Association

2004 – 2009 Board of Directors
Christian Medical and Dental Association

Citizenship
Intramural

1980 - 1992 Admissions Interviewer,
University of Arizona College of Medicine

1994 - 1995 Inter-University Council on Health Professions Education,
University of Arizona College of Medicine
Arizona Board of Regents

1994 - 2006 Phoenix Promotion and Tenure Advisory Subcommittee
University of Arizona College of Medicine

1994 - 2000 Arizona Health Information Network, Board,
University of Arizona College of Medicine

1995 Keynote Speaker
University of Arizona College of Medicine
White Coat Ceremony

1997 – 2002 Board of Directors
Phoenix Area Medical Education Consortium

1998 Board of Directors Secretary
Phoenix Area Medical Education Consortium

Other

1992 - present Executive Committee Member
Arizona Council for Graduate Medical Education

1998 Vice President,
Arizona Council for Graduate Medical Education
Extramural

1993-2000  Chair,  
Joint Board on the Regulation of Physician's Assistants

1993  Keynote Speaker  
St. Joseph’s Hospital & Medical Center Residency  
Graduation

1993 – present  Medical Education Committee  
Good Samaritan Regional Medical Center

1992-present  Doctor for the Day at the Arizona State Legislature

1996-2004  Adjunct Faculty, Phoenix Seminary

1996-present  Board of Directors, Phoenix Seminary

1998 - 2014  Chair, Phoenix Seminary Board of Directors

2001 – 2006  Health Careers Advisory Board  
State of Arizona Department of Education

2001 – 2009  Women in Medicine & Dentistry Commission  
Christian Medical and Dental Association

2002 - 2005  Advisory Board of the Healthcare Institute  
Arizona Hospital & Healthcare Association

2003  Biotech High School Advisory Committee  
Phoenix Union High School District

SOCIETIES

American Academy of Family Physicians  
Arizona Academy of Family Physicians  
American Medical Association  
Arizona Medical Association  
Maricopa County Medical Society  
Christian Medical and Dental Association  
Society for Teachers in Family Medicine
**Publications**

Family Medicine Review, Editor-In-Chief, 1999


Leaving a Professional Legacy, *AZ Medicine*, Volume 21, No. 2, Summer 2010

University of Arizona College of Medicine: Tucson and Phoenix, *Academic Medicine*, Volume 85, No.9, September Supplement 2010


**Media**

1992-present Multiple television and radio interviews regarding various healthcare topics and bioethics

**Scholarly Presentations**

1. Ethical Considerations In Medicine
2. Nurse/Physician Relationships
3. Health System Reform
4. Women's Health Issues
5. Aging
6. Several Bioethics Presentations around the city (1998-present)
8. Women in Medicine, Christian Medical and Dental Association, 2001, 2003
10. Health Information Management Association of Arizona, May 3, 2002, Medical Ethics

**Grants and Contracts**

20% 1993 Arizona Health Information Network $306,300 The Flinn Foundation Co-principal investigator
<table>
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<th>%</th>
<th>Year</th>
<th>Project Description</th>
<th>Amount</th>
<th>Funding Source</th>
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<td>2%</td>
<td>1993</td>
<td>Women's Health Initiative Investigator</td>
<td>$177,483</td>
<td>The University of Arizona College of Medicine</td>
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<td></td>
<td></td>
<td></td>
<td>(total direct)</td>
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<td>$1,756,562</td>
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<tr>
<td>80%</td>
<td>1994</td>
<td>Phoenix Area Medical Education Consortium Principal investigator</td>
<td>$407,800</td>
<td>The Flinn Foundation</td>
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<tr>
<td>5%</td>
<td>1994</td>
<td>Rural Health Office/Rural Managed Care Study – Collaborator</td>
<td>$409,263</td>
<td>The University of Arizona College of Medicine</td>
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<tr>
<td>100%</td>
<td>1998</td>
<td>AHSC Phoenix Campus Expansion Principal investigator</td>
<td>$10,000</td>
<td>The Flinn Foundation</td>
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<tr>
<td>100%</td>
<td>1998</td>
<td>Learning Resource Center Study Grant</td>
<td>$368,235</td>
<td>The Flinn Foundation</td>
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<tr>
<td>30%</td>
<td>1998</td>
<td>NAU Videoconference Link Co-principal investigator</td>
<td>$352,000</td>
<td>The Flinn Foundation</td>
</tr>
<tr>
<td>20%</td>
<td>2001</td>
<td>Faculty Development in Primary Care</td>
<td>$350,000</td>
<td>Health Resources &amp; Services Administration (HRSA)</td>
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<tr>
<td>100%</td>
<td>2002</td>
<td>Maricopa County Medical Interpreter Project</td>
<td>$35,000</td>
<td>BHHS Legacy Foundation</td>
</tr>
</tbody>
</table>

This is a true and accurate statement of my activities and accomplishments. I understand that misrepresentation in securing promotion and tenure may lead to dismissal or suspension under ABOR Policy 6-201 I.1.b.

Jacqueline A. Chadwick, M.D., M.A.
Present Position and Address

Assistant Professor, Genetics and Cell Biology
A.T. Still University School of Osteopathic Medicine
5850 East Still Circle
Mesa, Arizona 85206
Phone: (480) 219-6017
Email: ccross@atsu.edu

Education

Ph.D. Public Health
Division of Environmental Toxicology
Department of Preventive Medicine and Community Health
University of Texas Medical Branch, Galveston Texas
December 2011
P.I. Sherif Z. Abdel-Rahman
Dissertation: Biological and Functional Consequences of Single
Nucleotide Polymorphisms of the $O^6$-Methylguanine-DNA-
Methyltransferase Gene

B.S. Molecular and Cell Biology
Texas A&M University, College Station Texas
May 2002

Teaching and Mentoring Experience

2015 – present Adviser, North Country Healthcare Community Health Center
A.T. Still University, Mesa Arizona

2014 – present Assistant Professor, Genetics and Cell Biology
A.T. Still University, Mesa Arizona

2012 – present Invited Guest Instructor, Genes Environment & Disease
University of Texas Medical Branch, Galveston Texas

2014 Instructor, Early Medical School Acceptance Program
University of Texas Medical Branch, Galveston Texas

2006 – 2007 Teaching Assistant, PMCH 6443 Statistic Methodology I
University of Texas Medical Branch, Galveston Texas

Texas A&M University at Galveston, Galveston Texas
2006  Instructor, CHEM 101 Fundamentals of Chemistry Laboratory  
Texas A&M University at Galveston, Galveston Texas

2005  Mentor, Summer Undergraduate Research Program  
University of Texas Medical Branch, Galveston Texas

2005  Tutoring, School of Medicine  
University of Texas Medical Branch, Galveston Texas

2004 – 2006  Tutoring, Graduate School of Biomedical Sciences,  
University of Texas Medical Branch, Galveston Texas

Research Experience

2012 – 2014  Post-doctoral Toxicology Fellow  
Division of Maternal-Fetal Pharmacology and Biodevelopment  
Department of Obstetrics and Gynecology  
University of Texas Medical Branch at Galveston

2011 – 2011  Research Assistant  
Division of Maternal-Fetal Pharmacology and Biodevelopment  
Department of Obstetrics and Gynecology  
University of Texas Medical Branch at Galveston

2003 – 2011  Pre-doctoral Toxicology Fellow  
Division of Environmental Toxicology  
Department of Preventive Medicine and Community Health  
University of Texas Medical Branch, Galveston Texas

2000 – 2002  Laboratory Internship  
Department of Biochemistry  
Texas A&M University, College Station Texas

1998-1999  Research Co-op Program  
Department of Hematology  
University of Texas Health Science Center at San Antonio,  
San Antonio Texas

Professional Service

2017 – present  Co-course director, OMSII courses

2017 – present  NBOME Item Writer

2016 – present  Faculty Council

Courtney E. Cross, Ph.D.
2016 – present  Policies and Procedures Advisory Group  
A.T. Still University School of Osteopathic Medicine

2016 – present  Vice-Chair, COCA Standard 7 Re-accreditation Committee  
A.T. Still University School of Osteopathic Medicine

2016 – present  Year 1/2 Committee

2015 – present  Research Committee  
A.T. Still University School of Osteopathic Medicine

2015 – present  Admissions committee  
A.T. Still University School of Osteopathic Medicine

2016 – 2017  Curriculum Committee  
A.T. Still University School of Osteopathic Medicine

2007 – 2008  Vice President, Preventive Medicine and Community Health Graduate Student Organization

2006 – 2007  Treasurer, Preventive Medicine and Community Health Graduate Student Organization

2006  Founding member, Preventive Medicine and Community Health Graduate Student Organization

**Funding**

2012 – 2014  NIH Post-doctoral Toxicology Training Grant T32-07454  
PI: Bill Ameredes, Ph.D.  
Role: Post-doctoral Toxicology Fellow

2006 – 2007  National Institute for Occupational Safety and Health Education Research Center T42 OH008421  
PI: George Delclos, M.D., M.P.H., Ph.D.  
Role: Primary Investigator

2006 – 2008  National Institute of Environmental Health Sciences Pilot Project P30-ES06676  
PI: James Halpert, Ph.D.  
Role: Co-Investigator

2004 – 2006  NIH Pre-doctoral Toxicology Training Grant T32-07454  
PI: Mary Treinen-Moslen, Ph.D.  
Role: Pre-doctoral Toxicology Fellow
Additional Training

2014 National Board of Osteopathic Medical Examiners (NBOME) Item Writing Certification

2014 Teaching and Mentoring Post-doctoral Certification University of Texas Medical Branch, Galveston Texas

2013 Biosafety Level 2 re-certification University of Texas Medical Branch, Galveston Texas

2012 Good Laboratory Practices certification University of Texas Medical Branch, Galveston Texas

2004 Molecular biology and protein analysis training course University of Texas Medical Branch, Galveston Texas

Scientific Society Memberships

Current
American Society of Human Genetics (ASHG)
American Association for the Advancement of Science (AAAS)
Association of Professors of Human and Medical Genetics (APHMG)

Previous
American Association for Cancer Research (AARC)
Environmental Mutagen Society (EMS)
Lone Star Society of Toxicology (LSSOT)
Society of Toxicology (SOT)

Volunteer work

2017 – current Board member Joubert Syndrome and Related Disorders Foundation
Bibliography

Peer-Reviewed Publications:


Oral and Poster Presentations:


2014: Poster: Society of Toxicology, Phoenix Arizona. Protective Effect of CAPE Against ROS-Induced miRNA Expression and Apoptotic Pathway Activation. Courtney
Cross, Mai Tolba, Catherine Rondelli, Jordan Speidel, Meixiang Xu and Sherif Z. Abdel-Rahman.


2013: Poster: Society of Toxicology, San Antonio Texas. MGMT Haplotypes Alter MGMT Expression and Can Thus Affect Response to Alkylating Agents. Meixiang Xu, Ilona Nekhayeva, Courtney Cross, Catherine Rondelli, Sherif Abdel-Rahman.

2011: Oral Presentation: Department of Obstetrics and Gynecology, University of Texas Medical Branch, Galveston Texas. Biological and Functional Consequences of Single Nucleotide Polymorphisms in the DNA Repair Gene MGMT. Courtney E. Cross


2007: Oral: National Student Research Forum, University of Texas Medical Branch, Galveston, Texas. NEIL2 expression is associated with polymorphic sites in the promoter region of the gene. Carla J. Kinslow, Courtney E. Hill, Kevin J. Wolfe, Sherif Z. Abdel-Rahman

2007: Seminar: Department of Preventive Medicine and Community Health, University of Texas Medical Branch, Galveston, Texas. Newly discovered promoter SNPs in the DNA repair gene, NEIL2, modulate gene expression. Carla J. Kinslow, Courtney E. Hill, Kevin J. Wolfe, Sherif Z. Abdel-Rahman

2006: Oral Presentation: Gulf Coast Regional Chapter meeting, Waco, TX. Biological Consequences of Coding Polymorphisms in the MGMT Gene. Courtney E. Hill, Jeffrey


2005: Poster: 96th Annual Meeting of the American Association for Cancer Research; Anaheim, California. Polymorphisms in the DNA Repair Gene MGMT Influence Human Sensitivity to the Tobacco-Specific Nitrosamine NNK. Courtney E. Hill; Mirtha S. Lopez; Jeffrey K. Wickliffe; Alessandra A. Affatato; Kevin J. Wolfe; Carla J. Kinslow; Moreno Paolini; Sherif Z. Abdel-Rahman.


2005: Seminar: Department of Preventive Medicine and Community Health, University of Texas Medical Branch, Galveston, Texas. Modulation of the Mutagenic and NNK-Induced Genotoxic Response by Polymorphisms in MGMT. Courtney E. Hill, Alessandra A. Affatato, Kevin J. Wolfe, Jeffrey K. Wickliffe, Sherif Z. Abdel-Rahman.


EDUCATION

Ed.D.  Higher and Post-secondary Education, Arizona State University

M.S.  Administration-Leadership, Central Michigan University

B.A.  Political Science; minor Speech Communications, Washburn University

PROFESSIONAL EXPERIENCE

Associate Dean, Admissions and Student Diversity, Texas Christian University and University of North Texas Health Science Center, Texas, June 2016 to present.

Associate Dean (promotion), Admissions and Recruitment, University of Arizona College of Medicine - Phoenix, Arizona, April 2015 to June 2016.

Co-director, Diversity and Inclusion, University of Arizona College of Medicine – Phoenix, Arizona, September 2014 to June 2016.

Assistant Dean (promotion), Admissions and Recruitment, University of Arizona College of Medicine - Phoenix, Arizona, February 2013 to April 2015.

Executive Director (promotion), Admissions and Recruitment, University of Arizona College of Medicine - Phoenix, Arizona, May 2010 to February 2013.

Director (promotion), Admissions and Student Affairs, University of Arizona College of Medicine - Phoenix, Arizona, July 2007 to May 2010.

Senior Coordinator, Admissions and Student Affairs, University of Arizona College of Medicine - Phoenix, Arizona, August 2006 to July 2007.

Transfer Coordinator, Enrollment Management, Washburn University, Kansas, January 2001 to July 2006.

TEACHING, MENTORSHIP, RESEARCH

Assistant Professor, Medicine Administration, University of Arizona College of Medicine – Phoenix, Arizona, February 2013 to June 2016.

•  Courses taught: Introduction to Medicine, Students as Teachers Elective, and Introduction to Professional Studies in Health Sciences.
• Co-Curricular Director – Introduction to Medicine.
• MD Student Research Mentor.
• Medical Education Research.


Adjunct Instructor, Nursing Department, Glendale Community College, Glendale, Arizona, June 2013 to 2014.
  • Course taught: Introduction to Health Care Professions.

AWARDS AND TRAINING

Texas Christian University Faculty Bystander Trainer, 2017.

CookRoss, Inc. Everyday Bias for the Health Professions Trainer, 2016.


University of Southern California Keck School of Medicine Stephen Abrahamson Award for Medical Education Innovation, 2015.

Phoenix Business Journal “40 Under 40” Influential Leader Award, 2013.

University of Arizona Academic Leadership Institute Fellow, 2012.

Washburn University B.E.S.T. Management Award, 2000.

Washburn University Espirit de Corps Leadership Award, 2000.

Washburn Student Government Executive Staff of the Year Award, 2000.

PROFESSIONAL SERVICE

Texas Christian University and University of North Texas Health Science Center School of Medicine
  • Author and Reviewer, Liaison Committee for Medical Education Self-study
  • Author and Reviewer, Policy Workgroup

University of Arizona College of Medicine – Phoenix
  • Ex-officio, Admissions Committee
  • Author and Reviewer, Liaison Committee for Medical Education Self-study
  • Co-chair, Diversity and Inclusion Leadership Committee
• Chair, Graduate Pathway Scholars Selection Committee
• Chair, Faculty Teaching Awards Nomination Committee
• Author and Reviewer, Academic Policy Workgroup
• Voting member, Block, Course, Theme Subcommittee
• Voting member, Student Progress Committee
• Non-voting member, Educational Policy Committee
• Non-voting member, Curriculum Committee
• Non-voting member, Clinical Curriculum Subcommittee
• Member, Commencement Committee; Platform Party Participant
• Member, White Coat Ceremony Committee; Platform Party Participant

Association of American Medical Colleges
• Voting Member, Group on Student Affairs National Steering Committee
• Chair, Western Group on Student Affairs
• Institutional Voting Representative, Group on Student Affairs
• Institutional Voting Representative, Group on Diversity and Inclusion
• Member, AspiringDocs Anatomy of an Applicant Selection Committee
• Member, Situational Judgment Test Review Advisory Committee
• Member, AMCAS Admission Processing Advisory Committee
• Reviewer, Group on Medical Education, RIME and Regional Conference Abstract
• Member, Holistic Review Project Leadership Team

University of Arizona
• Member, Health Sciences Diversity Committee
• Member, Indians Into Medicine Advisory Board
• Member, Appointed Professionals Advisory Council

Other Organizations
• Patron Member, National Association of Advisors for the Health Professions
• Member, City of Phoenix PlanPHX Leadership Committee
• Member, United Blood Services Community Leadership Council
• Member, Phoenix Youth Ballet Theatre Board of Directors
• Institutional Liaison, United States Army Medical Advisor Board – Phoenix Division
• Institutional Liaison, Association of American Indian Physicians / Four Corners Alliance
• Member, Washburn University Alumni Association Board of Directors

CONFERENCE PRESENTATIONS

1. Cunningham, T., Developing our GSA Community through Regional Activities. Talk presented at Association of American Medical Colleges National Meeting; June 2016; St. Louis, MO.
2. Cunningham, T., Creating a Situational Judgment Test to Predict Student Success. Talk presented at Association of American Medical Colleges National Meeting; June 2016; St. Louis, MO.
3. Johnson, T., Ballejos, M., Cunningham, T., Identifying and Promoting Best Practices in
Native American Recruitment. Talk presented at Association of American Medical Colleges National Meeting; June 2016; St. Louis, MO.

4. Cunningham, T., Broadening Resources Involved in the Selection of Medical Students. Talk presented at Association of American Medical Colleges National Meeting; June 2016; St. Louis, MO.

5. Cunningham, T., Advancing the Holistic Review Initiative. Talk presented at Western Group on Education Affairs/Student Affairs; April 2015; San Diego, CA.

6. Cunningham, T., Building an Alliance: Pre-health Advisors and Medical School Admissions. Talk presented at Western Group on Education Affairs/Student Affairs; April 2015; San Diego, CA.

7. Cunningham, T., Pre-health Advisors: Language and Communication. Talk presented at Western Group on Education Affairs/Student Affairs; May 2013; Irvine, CA.

8. Cunningham, T., Pre-health Advisors: Our partners in medical school admissions. Talk presented at the Western Association of Advisors for the Health Professions; May 2013; Irvine, CA.


10. Cunningham, T., Interview Etiquette and Professionalism. Talk presented at the Association of American Indian Physicians Pre-Admission Conference; March 2013; Aurora, CO.

11. Cunningham, T., The Admissions Dilemma: How Do We Really Know Our Process Works? Talk presented at the Association of American Medical Colleges Joint Professional Development for Admissions, Diversity Affairs and Student Record; June 2012; San Juan, PR.

12. Cunningham, T., Multiple Mini-Interviews: Lessons Learned. Talk presented at Western Group on Educational/Student Affairs; April 2012; Palo Alto, CA.

INVITED TALKS

1. Cunningham, T., Keynote Address. Talk scheduled at Texas Christian University Honor Society Induction Banquet, March 2017; Fort Worth, TX.

2. Cunningham, T., Henderson, M., Using AMCAS Application Elements to Enhance Holistic Review. Talk presented at Association of American Medical Colleges National Meeting; June 2016; St. Louis, MO.

3. Cunningham, T. Supporting the LGBT Student Community. Talk scheduled at the UA College of Medicine – Phoenix Diversity and Inclusion Seminar Series; April 22, 2016; Phoenix, AZ.


5. Cunningham, T., Choosing the Right Medical School for You. Talk presented at the Association of American Medical Student Conference; October 2011-2015; Davis, CA.

6. Cunningham, T., Medical School Deans Panel. Panel at the Association of American Medical Student Conference; October 2011-2015; Davis, CA.

7. Cunningham, T., Preparing your Admissions Committee for the Multiple Mini-Interview. Talk presented to faculty; March 2012, Aurora, CO.
8. Cunningham, T., Medical School Insider: Admissions. Panel at the Kaplan headquarters; May 2011; New York City, NY.

ORAL ABSTRACTS

1. Cunningham, T., Creating a Situational Judgment Test to Predict Student Success. Oral presentation at Western Group on Education Affairs/Student Affairs; April 2015; San Diego, CA.
2. Cunningham, T., Creating a Situational Judgment Test to Predict Student Success. Oral presentation at University of Southern California Innovations in Medical Education Conference; February 2015; San Gabriel, CA.

POSTER PRESENTATIONS

1. Korenstein, A., Cunningham, T., Predictors of Primary Care Career Choice: A Review of AMCAS Applications of Four Graduating Classes at a New Medical School. Poster presented at Society of Teachers of Family Medicine Conference; January 2016; Phoenix, AZ.
2. Korenstein, A., Cunningham, T., Predictors of Primary Care Career Choice: A Review of AMCAS Applications of Four Graduating Classes at a New Medical School. Poster presented at Society of Teachers of Family Medicine Conference; January 2015; Orlando, FL.
STUART D. FLYNN, M.D.

Present Position: Dean
Texas Christian University/University of North Texas Health Sciences Center School of Medicine

Office Address: TCU/UNTHSC School of Medicine
TCU Box 297085
Fort Worth, Texas 76129

Telephone Number: (817) 291-0579
Email Address: stuart.flynn@fwmdschool.org

Personal:
Wife Karen
Children Andrea
Shannon
Conor
Dillon
Bailey

Licenses:
Texas (Pending)
Michigan (No. 42650) Retired
California (No. G51093) Retired
Maine (No. 11921) Retired
Connecticut (No. 027425) Retired
Arizona (No. 40082) Active

Certification:
Diplomate, National Board of Medical Examiners, 1980
Diplomate, American Board of Pathology, 1983

Education:
High School  
Sault Area High School, Sault Ste. Marie, Michigan  
1968-1972

College  
Lake Superior State University, Sault Ste. Marie, Michigan  
1972-1975  
No degree awarded

Medical School  
The University of Michigan, Ann Arbor, Michigan  
1975-1979  
Degree: M.D.

Honorary  
Yale University, New Haven, CT  
2001  
Masters in Arts, Honorary Degree

Professional Training:
July 1979-June 1983  
The University of Michigan Medical Center, Combined Anatomic and Clinical Pathology, Resident in Pathology

July 1983-June 1984  
Stanford University School of Medicine, Fellow in Anatomic and Molecular Pathology

Appointments:
July 1984-June 1985  
Stanford University School of Medicine: Instructor in Pathology

July 1985-June 1986  
Maine Medical Center: Associate Pathologist

Maine Cytometry Research Center: Associate Pathologist

July 1986-November 1990  
Yale University School of Medicine: Assistant Professor of Pathology

December 1990-June 2001  
Yale University School of Medicine: Associate Professor in Pathology and Surgery

July 2001-June 2006  
Yale University School of Medicine: Professor of Pathology and Surgery

July 1986-June 2006  
Yale-New Haven Hospital: Attending Physician

April 1987-January 1992  
Yale University School of Medicine: Director, Cytopathology Laboratory
July 1986-June 2006 Yale University School of Medicine: Director, Cell Marker Laboratory
July 1986-June 2006 Yale University School of Medicine: Director, Flow Cytometry Laboratory
July 1990-June 2006 Yale University School of Medicine: Section Head, Division of Genitourinary Pathology and Endocrine Pathology
July 1991-June 1992 Yale University School of Medicine: Co-Director, Pathology Residency Program
July 1992-June 1994 Yale University School of Medicine: Director, Pathology Residency Program
January 1993-June 2006 Yale University School of Medicine: Section Head, Division of Hematopathology
July 1996-June 2006 Yale University School of Medicine: Director, Medical Studies
March 2000-June 2001 Yale University School of Medicine: Associate Professor of Surgery/Oncology
July 2000-June 2006 Yale University School of Medicine: Director, Surgical Pathology
July 2001-June 2006 Yale University School of Medicine: Director, Pathology Residency Training Program
July 2001-June 2006 Yale University School of Medicine: Director and Coordinator, Pre-Clinical Modules
July 2006- April 2008 University of Arizona College of Medicine Phoenix: Associate Dean for Academic Affairs
July 2006-April 2016 University of Arizona College of Medicine Phoenix: Professor, Departments of Pathology and Basic Medical Sciences
Arizona State University: Professor, School of Life Sciences
April 2008-April 2016 University of Arizona College of Medicine Phoenix: Dean

**Professional Activities:**

1985-1986 Director, Immunohistochemistry Laboratory, Maine Medical Center
1985- 1986 Member, Foundation for Blood Research, Portland, Maine
1986-1988 Member, Cancer Committee, Yale University School of Medicine
1986-1993 Member, Gastrointestinal Cancer Study Group, Yale University School of Medicine
1987-1988  Member, Tissue Committee, Yale-New Haven Hospital
1988-1994  Chairman, Tissue Committee, Yale-New Haven Hospital
1987-2006  Member, Professional Practices and Ethics, Connecticut Society of Pathologists
1987-1993  Coordinator, Clinicopathologic Conferences (Pathology), Yale University School of Medicine
1987-1989  Director, Photography Laboratory, Department of Pathology, Yale University School of Medicine
1987-1994  Member, Residency Selection Committee, Department of Pathology, Yale University School of Medicine
1987-1994  Member, Investigational Molecular Medicine Committee, Yale University School of Medicine
1988-2006  Member, Medical School Admissions Committee, Yale University School of Medicine
1990-2006  Study Group Member, Educational and Curriculum Committee, Yale University School of Medicine
1993-1995  Team Leader, Report Generation Improvement Committee, Department of Pathology, Yale University School of Medicine
1994-2006  Chairperson, Pathology Resident Education Committee, Department of Pathology, Yale University School of Medicine
1996-2006  Member, Basic Science Curriculum Committee, Yale University School of Medicine
1996-2006  Member, Educational Policy and Curriculum Committee, Yale University School of Medicine
1996-2006  Member, Medical School Council, Yale University School of Medicine
1996-2006  Member, Steering Committee, Medical School Council, Yale University School of Medicine
1997-2004  Chairman, Steering Committee, Medical School Council, Yale University School of Medicine
1998-Present Member, National Board of Medical Examiners Pathology Test Committee
1998-Present Member, USMLE Step I Test Material Development Committee
2001-2006  Director and Coordinator, Pre-Clinical Modules, Yale University School of Medicine
2002-2006  Member, Senior Faculty Allotment and Promotion Committee, Yale University School of Medicine
2004-2006  Member, Education Chairs Coordinating Committee, Yale University School of Medicine
2004-2006  Co-Director, Pre-Clinical Assessment Committee, Yale University School of Medicine
2005 -2006  Member, Pharmacology Task Force Committee, Yale University School of Medicine
2009-2016  Board Member, The Wellness Community of Arizona
2010-2016  Executive Board Member, Arizona Medical Association
2010-2016  Executive Board Member, Arizona Hospital and Healthcare Association
2014-Present  Executive Board Member, International Society of Cardiovascular Translational Research

**Professional Societies:**
- Society of Analytical Cytology
- Connecticut Society of Pathologists
- Connecticut Cytology Association
- New England Pathology Society
- California Society of Pathologists
- American Medical Association
- American Association for the Advancement of Science
- International Academy of Pathology
- European Society for Analytical Cellular Pathology
- American Society of Endocrine Surgeons
- James French Society of Pathologists
- Maricopa Medical Society
- Arizona Hospital and Healthcare Association
- Arizona Medical Association
Editorial Review Board/Journal Referee:
Advances in Anatomic Pathology
Cancer
Modern Pathology
Human Pathology
Journal of Urology
Laboratory Investigation
Oncology Research
Pediatric and Development Pathology

Professional Honors:
The Averill A. Liebow Award for excellence in the teaching of Pathology Residents,
Yale University School of Medicine, Department of Pathology 1989-1990.

Distinguished Alumnus Award, Lake Superior State University, 1993

A.J. French Society Distinguished Member, University of Michigan, 1993

Charles W. Bohmfalk Teaching Award, Yale University School of Medicine Teacher of the Year, 1998

Founding Member, Yale Society of Distinguished Teachers, 2002

America’s Top Physician’s Award, Consumers’ Research Council of America, 2003

America’s Top Physician’s Award, Consumers’ Research Council of America, 2004

Teacher of the Year Award, Yale University School of Medicine, 2004

The Averill A. Liebow Award for excellence in the training of Pathology Residents,
Yale University School of Medicine, Department of Pathology 2005-2006.

Distinguished Service Award, Arizona Medical Association, 2013

Phoenix Center City Starr Award, Phoenix Community Alliance, 2014
Grant Support:

Expired:

The Josiah Macy, Jr. Foundation
Interprofessional Primary Care Curriculum: Implementation and Evaluation
Co-P.I.: Stuart Flynn, Gerri Lamb, Phillip Schneider
Total costs: $836,714
4/1/13-3/31/16

The Josiah Macy, Jr. Foundation
A New Integrated Interprofessional Curriculum Model
Co-P.I.: Stuart Flynn, Bernadette Melnyk, Phillip Schneider
Total costs: $145,487
7/1/10-6/30/12

National Cancer Institute
Genetics and Epigenetic Susceptibility to Colon Cancer
P.I.: Y. Zhu
Total costs: $2,432,141.00
1/1/06 – 12/31/10

National Institutes of Health
Circadian Disruption and Breast Cancer in Young Women
P.I.: T. Zheng
Total costs: $4,054,087.00
12/1/05-11/30/10

National Institute of Health
RO1 CA62006-01
Hair dye use and risk of non-Hodgkin's lymphoma
P.I.: T. Zheng
Total amount per year: $286,040
Total amount of grant: $2,014,668
07/01/96 to 06/30/01

National Institutes of Health
CA47533-01
Molecular cytology in human pancreatic cancer
P.I.: J.D. Jamieson
Total amount of grant: 342,857
Total amount per year: 170,024
4/1/88-3/31/92
NIH DK93-19  
Nitric Oxide Transduction Mechanisms in Urinary Tract Infections and Interstitial Cystitis  
P.I.: Robert Weiss  
Total amount of grant: $860,312  
Total amount per year: $159,738  
10/1/93-9/30/98

Yale University Comprehensive Cancer Center  
Title: Image analysis as a clinical assay to measure intracellular topoisomerase content & distribution  
Name of P.I.: J. Murren  
Total amount of grant: $120,000  
Total amount per year: $20,000  
1/1/93-12/31/93

National Institutes of Health  
NIH NCI RO1 CA41556  
Growth Control of Normal and Malignant Keratinocytes  
P.I.: M. Reiss  
Total amount per year: $192,497 (Dr. Flynn worked on this project until 12/31/99)  

Cancer Center Collaborative Research Award  
Anti-phosphotyrosine screening of receptor activation in human breast and ovarian carcinoma  
Total direct costs: $10,000  
11/1/90-1/31/91

**Patents:**

Identification of an RNA polymerase II Large subunit protein expressed in proliferative phase of the cell cycle  
Patent number 6,007,985; 1998

**Publications:**


73. Flynn SD, Jekel JF, Kinder BK: Size as a diagnostic criterion in follicular neoplasms of the thyroid. *Surgery* (Submitted).


**Chapters in Books:**


Danika N. Franks, M.D.
4213 Ranier Ct Fort Worth, TX 76109 • 469.865.9798 • danika.franksmd@gmail.com

Seeking the Assistant/Associate Dean of Students position at TCU and UNTHSC SOM.

EDUCATION

**The University of Texas Southwestern Medical School** Dallas, TX
Doctor of Medicine 2002-2006
Served as the Health Professions Recruitment and Exposure Program Coordinator via the Student National Medical Association for 2 years at the local level, then one year at the national level. This program is designed to facilitate exposure to the health professions to high school students and involved over 200 students in the Dallas area.

**Midwestern State University** Wichita Falls, TX
Bachelor of Science in Biology, Summa Cum Laude 1997-2001
Honors: Clark Scholar 1999, Hardin Scholar 2000

INTERNSHIP AND RESIDENCY

**The University of Texas Southwestern Medical School** Dallas, TX
Parkland Hospital & Children’s Medical Center 2006-2009
*Emergency Medicine Chief Resident*
Parkland Hospital and Children’s Medical Center collectively triage over 240,000 adults and children yearly. They are both Level 1 Trauma Centers. Parkland also serves as a Burn Center, Chest Pain Center, and Stroke Center. As chief resident, I oversaw the scheduling and development of the EM residents as well as the residents rotating in our department. I also oversaw the clinical development of medical students at UTSM in their introduction to clinical medicine in their second year.

EXPERIENCE

**Texas Health Resources Alliance** Alliance, TX
Attending Emergency Medicine Physician 2015-present
Serve as an attending physician at a 70 bed hospital.

**Texas Health Resources Harris Methodist Hospital of Fort Worth/Willow Park/Burleson** Willow Park, TX
Attending Emergency Medicine Physician 2015-present
Serve as an attending physician at a stand alone ED. Supervising attending for medical students from UNT-TCOM.

**Texas Health Resources Outpatient Center** McKinney, TX
Provide emergency care coverage for cardiac rehabilitation patients on site.

**Texas Health Resources Presbyterian Hospital of Allen** Allen, TX
Attending Emergency Medicine Physician 2010-2015
Serve as an attending physician at a 73 bed Level IV Trauma Center with over 29,000 ED visits per year.
**Texas Health Resources Harris Southwest**  
Attending Emergency Medicine Physician  
Fort Worth, TX  
2009-2010  
Served as an attending physician in a busy 151 bed hospital with over 55,000 ED visits per year.

**Texas Health Resources Winnsboro**  
Attending Emergency Medicine Physician  
Winnsboro, TX  
2009  
Provided single coverage emergency services for a 6-bed ED located in a small town in east Texas working 12 to 24 hour shifts.

**Townview Magnet Center**  
Biology Instructor  
Dallas, TX  
2001-2002  
Taught freshman biology and advanced placement biology at an area high school for students interested in professional career tracks.

**LICENSURE**

- **Texas Medical Board** since 2009  
- **American Board of Emergency Medicine** since 2012
CURRICULUM VITAE

Name: RAJESH GANDHI, MD, PhD, FACS, FCCP, FCCM, CHCQM, FAIHQ

Mailing Address: John Peter Smith Trauma Center
Department of Surgery, OPC-303
1500 South Main Street
Fort Worth, Texas 76104

Office Phone: (817) 927-1172

E-mail: rgandhi@jpshealth.org

Nationality: Citizen of the United States of America

Background Summary:

EDUCATIONAL BACKGROUND

PREMEDICAL STUDIES: MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Cambridge, Massachusetts
September 1982 to June 1985

Bachelor of Science in Applied Biology
Course work: Applied Biology; Biophysics; Biochemistry; Cancer Biology; Genetic Toxicology.
Thesis: Synergistic Effects of Heat and Mutagens
Activities: Light Weight Crew (1982, 1983)
Student Council Representative (1983)
Alpha Delta Phi Fraternity (1983-1985)

MEDICAL AND GRADUATE STUDIES: ALBANY MEDICAL COLLEGE
Albany, New York
August 1986 to May 1992
Masters of Science, May 1990
Doctor of Philosophy in Physiology, May 1991
Doctor of Medicine, May 1992

Honors: AMC Trustee Scholarship (1988-1992)
          Dean’s Senior Research Award (1992)
          Honorable Mention in Research (1988)

Activities: Crew (1986-1987)
            Class Representative (1986)
            American Medical Student Assoc., Chapter Pres. (1991)

POST GRADUATE TRAINING

Internship: New York Medical College, Westchester County Medical Center
            Valhalla, New York
            July 1992 to June 1993

Residency: New York Medical College, Westchester County Medical Center
           Valhalla, New York
           July 1993 to June 1997
           • Chief Resident 1996-97
           • Graduated with over 1,230 major cases as surgeon.
           • Adult and Pediatric Laparoscopic and Thoracoscopic Surgery
           • Adult and Pediatric Surgical Critical Care, Burn and Trauma
           • Information Systems Committee: (1996-97)
           • Committee of Interns and Residents (Delegate): (1996-97)
           • Research:
             – Video-assisted thoracoscopy in pediatric patients with empyema
             – Use of laparoscopy in pediatric trauma
             – The use of open abdomen technique in severe peritonitis
             – The use of open abdomen technique in pancreatitis
             – Laparoscopic cholecystectomy morbidity and mortality data
**Fellowship:** The University of Pennsylvania Hospital and Children’s Hospital of Philadelphia
Philadelphia, Pennsylvania
July 1997 to June 1999
- Extensive Adult, Pediatric, and Neonatal Surgical Critical Care and Trauma.
- Full clinical, academic and administrative responsibilities.
- Teach Traumatology to students, residents, and fellows (from other services).
- Mass Casualty Training for Swedish Trauma Teams.
- Training to establish Trauma Systems.
- Trauma Committee: The Children’s Hospital of Philadelphia (1997-1999)
- Research:
  - Non-operative management of pediatric splenic injuries
  - Pediatric dog bite injuries
  - Guidelines for DOA in pediatric trauma
  - EAST Alexander Award Finalist (1999)

**PRESENT POSITION**

*Medical Director, Trauma*  
John Peter Smith Trauma Center  
Fort Worth, Texas  
August 2007 to Present

*Associate Examiner*  
The American Board of Surgery  
September 24, 2015 - Present

*Adjunct Clinical Associate Professor*  
University of North Texas Health Science Center at Fort Worth  
Fort Worth, Texas  
9/1/2014 - present

*Chair*  
North Central Texas Trauma Regional Advisory Committee – NCTTRAC  
Arlington, Texas  
January 2011 – October 2015

*Chair*  
Item Development Editorial Board Committee  
Society of Critical Care Medicine  
January 17, 2015 – February 19, 2016  
Chair – February 2016 – July 2016 Disbanded

**PAST POSITIONS**

*Medical Director, Trauma And Surgical Critical Care*  
Hillcrest Baptist Medical Center  
Waco, Texas (June 2003-May 2007)

*Director, Pediatric Trauma*  
Morristown Memorial Hospital  
Morristown, New Jersey (July 2000 to May 2003)

*Clinical Assistant Professor of Surgery*  
University of Medicine and Dentistry of New Jersey  
Newark, New Jersey (July 2000 to June 30, 2006)

*Clinical Assistant Professor of Surgery*  
University of Pennsylvania, Philadelphia, Pennsylvania (July 1999 to June 2000)
Fellow in Pediatric and Adult Surgical Critical Care and Trauma at The University of Pennsylvania Hospital and Children’s Hospital of Philadelphia, Philadelphia, Pennsylvania (1997-1999)


Chief Resident in Surgery at Westchester County Medical Center, Valhalla, New York (1996-1997)

Instructor/Teaching Assistant at Albany Medical College, Albany, New York (1987-1992)


Research Assistant at Rockefeller University, Department of Immunology & Cellular Physiology, New York, New York (1985-1986)

ACADEMIC RESPONSIBILITIES
Clinical Assistant Professor at Education of nurses, students, residents and fellows on the General Surgery, Trauma, and Critical Care Services

Fellow in Pediatric/Adult at Surgical education of students and residents on the Care/Surgical Trauma, General Surgery, Trauma, and Critical Care Services.

Resident in Surgery at Primarily in charge of the surgical education of students and junior residents on the surgical services.

Advanced Trauma Life Support Instructor at Responsible for trauma lectures and animal skills portion. Taught a minimum of four courses per year since 1994.

Instructor Neonatal Advanced Life Support at Responsible for teaching all aspects of the program

Instructor at Nurse Anesthetist Medical Physiology Course

Teaching Assistant/Instructor at Advanced Systems Physiology Course; Medical Physiology Course; and Cardiovascular Dog Lab.

OTHER HONORS
- Strathmore’s Who’s Who
- Marquis Who’s Who in America
- Lexington’s Who’s Who
- Physician of the Season Spring 2001, Morristown Memorial Hospital
- Lone Star Circle of Life Honoree 2004
• 2008 Presidential Candidate – Outstanding Contributions to Society of Critical Care Medicine

• Family Medicine Resident Teaching Award 2010

• Top Surgeons in America 2002, 2010 – 2016

• 2015 Top Doc, Fort Worth, TX

• 2016 Presidential Citation - Outstanding Contributions to the Society of Critical Care Medicine

• Top Doc 2017 – Fort Worth, Texas Magazine

MEDICAL QUALIFICATIONS
Diplomat: American Board of Surgery (February 10, 1999)
Certificate #43977
Valid through July 1, 2019

Certification: Surgical Critical Care (October 22, 1999)
Certificate #1732
Valid through July 1, 2020

Certification: Health Care Quality Management
Certificate #79454
Valid through December 31, 2017

Diplomat: National Board of Medical Examiners (July 1, 1993)
Certificate #389080

LICENSES
New Jersey State Medical License #MA 70784
Expires: June 30, 2017
Issued: June 6, 2000

New York State Medical License #199487
Expires: December 31, 2018
Issued: May 13, 1995

Pennsylvania State Unrestricted License #MD-063463-L
Expires: December 31, 2016
Issued: August 27, 1997

Texas State Unrestricted License #L6902
Expires: February 28, 2018
Issued: June 3, 2003

DEA Controlled Substance Registration Certificate #BG5636545
Expires: September 30, 2018
Issued: November 18, 1997
CONSULTING
Consultant/Speaker for LifeCell Corp. [June 2010 to December 2014]]
Consultant/Speaker for KCI [October 2010 to December 2014]]
Trauma Center Consulting [September 2013 to December 2014]]

OTHER QUALIFICATIONS
• Advanced Cardiac Life Support (February 1998 to Present)
• Advanced Trauma Life Support (1992 to Present)
• Advanced Trauma Life Support State Faculty (2008 to Present)
• ASSET Course Provider 2015, Instructor 2016
• Trauma Ultrasound (FAST)
• Extra-corporeal Membrane Oxygenation (Course July 13, 1998)
• Fundamental Critical Care Support Course Instructor
• Fundamental Disaster Medicine Course Instructor
• ACS Disaster Management and Emergency Preparedness Instructor
• TETAF Level 3 Trauma Center Surgeon (2011 to February 2016)
• Neonatal Resuscitation Instructor (July 1998-2003)
• Pediatric Advanced Life Support (February 1998 to 2008)
• Pediatric Advanced Life Support Instructor (January 2000 to 2008)
• Pediatric Advanced Life Support Provider (Eff Dec 2015; Exp Dec 2017)
• Neonatal Resuscitation (July 1998 to 2004)

MEMBERSHIPS/AFFILIATIONS (Present)
• American Association for the Surgery of Trauma – AAST (#18777) Oct 2015
• American Board of Quality Assurance and Utilization Review Physicians (#79454)
• American College of Chest Physicians (Fellow #207061)
• American College of Surgeons (Fellow #3024225)
  – Member: Congressional Action Program
  – Member: Committee On Trauma, New Jersey (2003)
  – Member: Committee On Trauma, North Texas (2007)
• American Medical Association (Member #03503921544)
• American Trauma Society (Member #833896)
• Eastern Association for the Surgery of Trauma (Member)
  • EAST Bylaws Committee
• European Society of Intensive Care Medicine (Member)
• Society American Gastrointestinal Endoscopic Surgeons (Member)
• Society of Critical Care Medicine (Fellow #020563)
• Adult Multidisciplinary Critical Care Knowledge Assessment Program (MCCKAP) Member
  – Member: FCCS (2011 to Present)
• Society of Laparoendoscopic Surgeons (Member)
• Surgical Society of the New York Medical College (Member)
• Tarrant County Medical Society (#4391) (Board Member)
• Texas Medical Association (1118607)
MEMBERSHIPS/AFFILIATIONS (Past)

- American Association for the Advancement of Science (Member #046870439)
- American Diabetes Association (Member #34788)
- American Institute for Ultrasound in Medicine (Member #78508)
- American Society for Parenteral and Enteral Nutrition (Member #2192272)
- American Society of General Surgeons (Member)
- McLennan County Medical Society
- Disaster Committee (2006-2007)
- Microcirculatory Society (Member)
- Regency Hospital of Fort Worth (Member 2012, resigned 2015)
- Society of Critical Care Medicine (Fellow #020563)
  - Adult Multidisciplinary Critical Care Knowledge Assessment Program (MCCKAP) Member
  - Pediatric Fundamentals of Critical Care Support (FCCS) Member, (2009-2012)
  - Member: MCCKAP, Chair (2013-2014)
  - Vice Chair (2012-2013)
  - Member: Electronic Communications Committee (Disbanded 9/2002)
  - Member: Undergraduate Medical Education Committee (2002-2/2004)
  - Member: Multiprofessional Critical Care Exam Committee (2006-2008)
  - Member Advocacy Committee (2008-2011)
  - Member: ABIM Board Review Committee (2009-2013)
  - Member: Fundamental Critical Care Support Committee (2003-2/2012)
  - Member: MCCKAP, Past Chair (2014-2015)
- Southeast Surgical Congress (Fellow #15963)
- Tarrant County Medical Society Board Member – 2011 to present
- Texas Society of Critical Care Medicine, Board of Directors, Chair of Research Committee, 2011 to 2015

PUBLIC SERVICE ACTIVITIES (Present)

- Emergency Physicians Advisory Board - EPAB (2007-Present)
- North Central Texas Trauma Regional Advisory Committee (2007 to Present)
  - Performance Improvement Committee
  - JPS Health Network Representative
  - Physician Advisory Group
  - Board of Directors, Chair 2011 - 2015
- Area Metropolitan Ambulance Authority – Secretary (2010-September 30, 2019)
- Fort Worth Academy Board (2010-2014)
- TCU DNP - Committee Member
  - Texas Christian University Doctor of Nursing Practice Community Advisory Council (2009-Present)
- TETAF Board (2016) Vice Chair

PUBLIC SERVICE ACTIVITIES (Past)

- Texas TQIP Medical Trust (February 2016)
- Temple Activities
- Waco Founders Lions Club
- Board of Directors (2004-2007)
• Texas Organ Sharing Alliance
  Member Advisory Council (2005-2007)
• Heart of Texas Regional Advisory Council
  Chairman (2004-2007)
  Physician Advisory Committee (Chairman 2004-2007)
  Executive Committee (2003-2007)
• MCMERF Board Member (2006-2007)
• Gujrati Samaj Good Samaritan Program, Pennsylvania
• Kiwanis Club, New York
• Indo-American Cultural Association of Westchester
• Ardsley Secor Volunteer Ambulance Corps
  Emergency Medical Technician:
    New York: #64493
    Massachusetts: #806665

RESEARCH (Present)

Principal Investigator
• Amiodarone (PM101), Lidocaine or Neither for Out of Hospital Cardiac Arrest Due to
  Ventricular Fibrillation or Tachycardia (ALPS: Amiodarone, Lidocaine or Placebo Study)
  (September 2012 to 2015)

Principal Investigator
• Comparison of Selected Outcomes for JPS Traumatic Brain Injury Patients with Intracranial
  Hemorrhage (Equal to or less than 1 cm) Managed by JPS Trauma Surgeon or Neurosurgeon.
  (2010 to 2015)

Principal Investigator
• A Cross-Sectional Study Identifying Complications and Consequences of Upper Extremity
  Deep Vein Thrombosis (UE-DVT) in Trauma Patients at JPS (2010 to 2015)

Principal Investigator
• Resuscitation Outcomes Consortium Epidemiological Registry,EPISTRY (2009 to present)

Principal Investigator
• Prospective Observational Prehospital and Hospital Registry for Trauma (PROPHET) (2009 to
  2016)

Principal Investigator
• Modeling a Data Derived Algorithm Congruent with the Time-Sensitive Removal of Temporary
  Inferior Vena Cava Filters. (2010 to present)

Principal Investigator
• Assessing the Rates of Over Triage and Under Triage of Patients with a Trauma Activation
  Arriving at JPS. (2010 to present)

Principal-Investigator
• Colon Injury in Damage Control Surgery: Is it safe to a Delayed Anastomosis? (July 2014 to
  2016)
• Prehospital Tranexamic Acid Use for Traumatic Brain Injury (August 2014 to present)

Principal Investigator
• Field Trial of Hypotensive Resuscitation Versus Standard Resuscitation in Patients with Hemorrhagic Shock after Trauma – Completed 2015

Principal Investigator
• North Texas Traumatic Brain Injury Model System: Clinical Data with Demographic Information of Patients with Traumatic Brain Injury

Principal Investigator
• The Angel Catheter Clinical Trial: Prevention of Pulmonary Embolism in High Risk Subjects – Completed 2016

Co-Investigator
• Prehospital Air Medical Plasma (PAMPer): Phase III Multicenter, Prospective Randomized Open Label Intervention Trial (June 2015 to present)

Co-Investigator
• Improving Trauma Outcomes using the National Trauma Data Bank National Sample Program (January 2015 to present)

Co-Investigator
• Improving Trauma Outcomes at JPS (January 2015 to present)

Co-Investigator
• Validation of Text SBIRT Survey (April 2014 to 2016)

Co-Investigator
• Survival Rates and Resource Usage of Patients Receiving Pre-Hospital Cardiopulmonary Resuscitation (CPR) as a result of Blunt Force Trauma or Penetrating Trauma Who had No Vital Signs Upon Arrival at a Level One Trauma Center. (2010 to present)

Co-Investigator
• Distracted Driver Program at a Level One Trauma Center (2010 to 2015)

Co-Investigator
• Reported K-2 or Spice Use Case Study with a Trauma Activation (2010 to present)

Co-Investigator
• Routine HIV Screening of Trauma Victims in the Emergency Department: Is it warranted? (2009 to 2010)

Co-Investigator
• Resuscitation Outcomes Consortium-HS-TBI-Hypotn, (2007 to present)

**RESEARCH (Past)**

Co-Investigator
• Chiron-Severe Sepsis
Co-Investigator
- Ortho-Biotech-Critical Care Anemia Study

Co-Investigator
- Wyatt-Ayerst Zosyn Continuous IV Study

COMMITTEES (Present)
John Peter Smith Hospital
(August 2007 to Present)
- Medical Executive Committee (2007 to present)
- Performance Improvement Patient Safety (2007 to present)
- Emergency Management - Preparedness/Disaster Committee (2007 to present)
- Information Technology Committee (2008 to 2009-disbanded)
- Faculty Representative Review Panel Transitional Residency (2008 to present)
- Ethics Committee (2008 to present)
- OR Operations (2007 to Present)
- Critical Care Committee (2009 to Present)
- Emergency Management (2007 to Present)
- Scope of Services Committee (2009–2015, Disbanded)
- Bylaws Committee 2016
- Technology Committee 2016
- CME Committee 2016

COMMITTEES (Past)
- Office of Research and Scholarly Activity Committee (2008 to 2009)

- Hillcrest Baptist Medical Center  (January 2004 to 2007)
  - Ethics Committee
  - Trauma Multi-Disciplinary Quality Improvement Committee (Chairman)
  - Trauma Protocol Committee
  - Medical Staff Quality Improvement Committee (Chairman)
  - End of life Task Force (2005 to 2007)
  - Medical Executive Committee  (2004 to 2007)
  - Critical Care Committee  (2005 to 2007)
  - Pharmacy and Therapeutics Committee (2006 to 2007)
  - Hillcrest Physician Services Board (2003 to 2007)
  - Operational Excellence Steering Committee (2006 to 2007)

Morristown Memorial Hospital:  (July 2000 to 2003)
- Trauma QI Committee
- Infection Control Committee
- Trauma Committee
- ICU Committee
- Surgical Advisory Committee
- Chairman Search Committee
- Patient Safety Committee

University of Pennsylvania Hospital:  (July 1997 to June 2000)
- Trauma QI Committee
Children’s Hospital of Philadelphia:  (July 1997 to June 1999)
• Trauma Committee

Westchester County Medical Center:  (July 1996 to June 1997)
• Information Systems Committee

PUBLICATIONS IN REFERRED JOURNALS


1998. Gandhi, Rajesh R. MD, PhD; Hamme, Elizabeth; Schwab, C. William MD; Stafford, Perry W. MD.


24. WHAT IS TAUGHT, WHAT IS TESTED: FINDINGS AND COMPETENCY-BASED RECOMMENDATIONS OF THE UNDERGRADUATE MEDICAL EDUCATION COMMITTEE OF THE SOCIETY OF CRITICAL CARE MEDICINE. Frankel, Heidi L. MD, FACS, FCCM; Rogers, Paul L. MD, FCCM; Gandhi, Rajesh R. MD, PhD; Freid, Eugene B. MD, FCCM; Kirton, Orlando C. MD, FCCM; Murray, Michael J. MD, PhD, FCCM Critical Care Medicine. 32(9):1949-1956, September 2004.

25. WHY NOT IMPLEMENT THE FUNDAMENTAL CRITICAL CARE SUPPORT (FCCS) COURSE? Critical Care Medicine. 33(6):1465-1466, June 2005. Frankel, Heidi L. MD, FCCM; Rogers, Paul L. MD, FCCM; Gandhi, Rajesh R. MD, PhD; Freid, Eugene MD, FCCM; Kirton, Orlando C. MD, FCCM; Murray, Michael J. MD, PhD, FCCM.


29. TRAUMATIC INTERNAL CAROTID ARTERY INJURY TREATED WITH OVERLAPPING BARE METAL STENTS UNDER INTRAVASCULAR ULTRASOUND GUIDANCE, Dr. Victoria Stager, MD; Rajesh Gandhi, MD; David Stroman, MD; Carlos Timaran, MD; Harshal Broker, MD, Journal of Vascular Surgery February 2011, Vol. 53, No. 2.


35. OPTIMAL TIMING OF FEMUR FRACTURE STABILIZATION IN POLYTRAUMA PATIENTS: A PRACTICE MANAGEMENT GUIDELINE FROM THE EASTERN ASSOCIATION – Rajesh R Gandhi, MD, PhD, Tiffany Overton, MA, MPH, Elliott R Haut, PhD, Brandyn Lau, MPH, Heather A Vallier, MD – The Journal of Trauma and Acute Care Surgery, July 2014


38. HELMET USE TRENDS AMONG PEDIATRIC TRAUMA: AN ANALYSIS OF THE NATIONAL TRAUMA DATA BANK - Journal: International Journal of Injury Control and Safety Promotion,
September 2016, Mackenzie Campbell-Furtick, J Laureano Phillips, MS, MPH; Tiffany L Overton, MA, MPH; Rajesh R Gandhi, MD, PhD; Therese M Duane, MD; Shahid Shafi, MD, MPH, Kaley Simon

39. Trends In helmet use by motorcycle riders in decades following the repeal of mandatory helmet laws – International Journal of Injury Control and Safety Promotion, Published online 08 Sep 2016 – Tiffany Overton, Mackenzie Campbell-Furtick, Kaley Simon, Therese Duane, Rajesh Gandhi, Shahid Shafi


44. Traumatic Colon Injury in Damage Control Laparotomy – A multicenter trial: Is it safe to do a delayed anastomosis? – Tatebe, L, Jennings, Andrew; Tatebe, Ken; et al, Journal of Trauma and Acute Care Surgery, December 23, 2016

CHAPTERS & CONTRIBUTIONS

   SCIENTIFIC FOUNDATION OF TRAUMA
   Haf and Dudley
   Section II: The Heart
   Heinmann Medical Books, Oxford

   CRITICAL CARE PEARLS OF WISDOM
   Boston Medical Publishing
   Gandhi, R.R. 1998

   PULMONARY PEARLS OF WISDOM
   Boston Medical Publishing
   Gandhi, R.R. 1998

   INTERNAL MEDICINE PEARLS OF WISDOM
   Boston Medical Publishing
   Gandhi, R.R. 1998

   INTERNAL MEDICINE MEDICAL STUDENT PEARLS OF WISDOM
   Boston Medical Publishing
   Gandhi, R.R. 1998

   GENERAL SURGERY PEARLS OF WISDOM
   Boston Medical Publishing
   Gandhi, R.R. 1998
ABSTRACTS


Trauma: What’s the Word? (Accepted Fifth International Conference on Pediatric Trauma.2000)


25. Gandhi, Rajesh et al, - Developing a Rural Trauma Outreach Program: Benefits and Obstacles Encountered, abstract submitted to ACS TQIP July 2016

PRESENTATIONS

MICROCIRCULATORY SOCIETY
- Tissue Clearance of Native and Charge Modified Albumin in Rabbit Skin and Skeletal Muscle. Las Vegas, NV [04/29/88 to 05/01/88]
- Tissue Clearance of Native and Charge Modified Albumin with Increased Venous Pressure in Rabbit Skin. New Orleans, LA [03/17/89 to 03/19/89]
- Tissue Clearance of Native and Charge Modified Albumin with Saline Loading in Rabbit Skin. Washington, DC [03/30/90 to 04/01/90]
- Transvascular Protein Transport During Saline Infusion in Anesthetized Rabbits. Louisville, KY [08/31/91 to 09/05/91]

ASPEN M.D./Ph.D CONFERENCE
- Role of Charge in Transvascular Albumin Transport in Rabbit Skin and Skeletal Muscle. Aspen, CO [07/19/91 to 07/22/91]

AMERICAN COLLEGE OF SURGEONS
- Management of the Septic Abdomen via an Open Abdomen Technique. New Orleans, LA [10/22/95 to 10/27/95]

SOCIETY OF LAPAROENDOSCOPIC SURGEONS
- Mortality Rates Following Laparoscopic Cholecystectomy. Orlando, FL [12/06/95 to 12/09/95]

AMERICAN COLLEGE OF SURGEONS, PENNSYLVANIA COMMITTEE ON TRAUMA

AMERICAN PEDIATRIC SURGICAL ASSOCIATION
- The Injured Spleen: When Can They Play? Hilton Head, SC [05/10/98-05/13/98]

EASTERN ASSOCIATION FOR THE SURGERY OF TRAUMA
- Identifying the Unsalvageable Pediatric Trauma Patient on Arrival: A Preliminary Guide. Orlando, FL [01/13/99-01/17/99]

SOCIETY OF CRITICAL CARE MEDICINE
- A Pathway for Pediatric Liver Injuries. San Francisco, CA [01/22/99-01/27/99]
SOUTHEAST SURGICAL CONGRESS
• Dog Bite Injuries in Children. Tampa, FL [02/13/99-02/17/99]
• Should Snow Boarding be Banned? Nashville, TN [02/01/02-02/05/02]

INTERNATIONAL CONFERENCE ON PEDIATRIC TRAUMA
• Ultrasound for Pediatric Blunt Abdominal Trauma: What’s the Word? Vail, CO [06/17/00-06/20/00]
• Abdominal Compartment Syndrome Decompression in a Pediatric Trauma Patient, Vail, CO [06/17/00-06/20/00]
• Pediatric Traumatic Hepatic Injury: When Can They Leave? Vail, CO [06/17/00-06/20/00]
• 17th World Congress on Disaster and Emergency Medicine – “Emergency Preparedness Model for a Level One Trauma Center” Beijing, China; [May 31 - June 3, 2011]

NORTH CENTRAL TEXAS TRAUMA REGIONAL ADVISORY COUNCIL
• Community Integrated Mobile Health Symposium – Improving Patient Outcomes and Reducing Costs, Moderator for Symposium, Grand Prairie, TX [April 24, 2015]

ASSET COURSE INSTRUCTOR
• April 15, 2016, UNTHSC, Fort Worth, Texas
• April 22, 2016, United Regional, Wichita Falls, Texas

CHEST RADIOGRAPH INTERPRETATION for LIFEGIFT GROUP – JPS Health Network, Skills Lab, OPC Building, Fort Worth, Texas, April 18, 2017

INVITED LECTURES

NEW YORK STATE SOCIETY OF RESPIRATORY THERAPIST
• Use of the Swan-Ganz Catheter. West Point, NY [11/15/96]

UNIVERSITY OF PENNSYLVANIA DEPARTMENT OF EMERGENCY MEDICINE
• Pediatric Abdominal Trauma. Philadelphia, PA [03/24/98]

THE CHILDREN’S HOSPITAL OF PHILADELPHIA, TRAUMA PROGRAM
“TRAUMA TAILS”
• Pediatric Cervical Spine Injuries. Philadelphia, PA [05/7/98]
• Pediatric Abdominal Trauma: Trouble in the Belly. Philadelphia, PA [10/22/98]

CHESTNUT HILL HOSPITAL, DEPARTMENT OF SURGERY
• Pediatric Cervical Spine Injuries. Chestnut Hill, PA [06/02/98]
• Pediatric Abdominal Trauma. Chestnut Hill, PA [11/03/98]

THE CHILDREN’S HOSPITAL OF PHILADELPHIA, TRAUMA PROGRAM
• Pediatric Trauma Resuscitation. Philadelphia, PA [07/16/98]
• Pediatric Burn Injury. Philadelphia, PA [02/18/99]

• Pediatric Pelvic Trauma. Philadelphia, PA [03/18/99]

Pediatric Burn Injury. Philadelphia, PA [03/16/99]

BRANDYWINE HOSPITAL
• Pediatric DOA: When Do You Call it Quits? Coatesville, PA [01/21/99]

• Pediatric Dog Bites. Coatesville, PA [09/08/99]

• Pediatric Traumatic Brain Injury. Coatesville, PA [01/27/00]

HACKENSACK UNIVERSITY MEDICAL CENTER
• Pediatric Burn Resuscitation. Teaneck, NJ [04/13/99]

MCP HAHNEMANN SCHOOL OF MEDICINE
• The 10 Commandments of Pediatric Trauma Resuscitation. Philadelphia, PA [12/11/99]

MORRISTOWN MEMORIAL HOSPITAL
• Management of Pediatric Traumatic Brain and Cervical Spine Injury, Department of Surgery Grand Rounds, Morristown, NJ [01/19/00]

• Management of Burn Injury. Department of Surgery Grand Rounds, Morristown, NJ [10/06/00]

• Current Concepts in Critical Care Medicine. Department of Surgery Grand Rounds, Morristown, NJ [02/21/01]

• Leapfrogging Patient Safety into the 21st Century. Department of Surgery Grand Rounds, Morristown, NJ [03/27/02]

• Antibiotic Resistance in the Surgical Setting. Department of Surgery Grand Rounds, Morristown, NJ [09/18/02]

• Abdominal Compartment Syndrome. Critical Care Update and Fair, Morristown, NJ [05/07/01]

• Management of Pediatric Trauma. Trauma Nurse Course, Morristown, NJ [10/09/00, 10/19/00, 11/17/00, 04/17/01, 11/16/01]

• Orthopedic Trauma for the Community Orthopedic Surgeon.

• Surgical Critical Care & Trauma and Department of Orthopedics, Morristown, NJ [03/13/01]

• Pediatric Trauma. Morristown, NJ [05/20/02]

• Pediatric Trauma Resuscitation. Trauma Day Conference, Morristown, NJ [07/01/00, 07/07/01]
- Pediatric Trauma. Emergency Department Teaching Day. Morristown, NJ, [08/21/02]

SAINT MARY’S HOSPITAL, Langhorne, PA
- Pediatric Traumatic Brain Injury: Head Bonks and What to Do. [05/17/00]

AMERICAN COLLEGE OF SURGEONS
- Defining Pediatric DOA. Chicago, IL [10/24/00]

NEW JERSEY STATE ASSOCIATION OF PARAMEDICS

SOCIETY OF SURGEONS OF NEW JERSEY
- Leap-frogging Patient Safety into the Twenty-first Century [11/14/01]

SOCIETY OF CRITICAL CARE MEDICINE NEW JERSEY CHAPTER
- Abdominal Compartment Syndrome: Myth or Reality? [10/04/02]

CHILDREN’S HOSPITAL AT WESTCHESTER MEDICAL CENTER
- The Unsalvageable Pediatric Trauma Victim on Arrival: The Role of the Adult Trauma Surgeon in Pediatric Trauma Care [11/01/02]

SCOTT AND WHITE TRAUMA SYMPOSIUM, Temple, TX
- DVT and the Use of Prophylactic Vena Cava Filters [04/29/05]
- Kinematics of Trauma [01/18/2007]

TEXAS EMERGENCY MEDICINE CONFERENCE, San Antonio, TX
- The 10 Commandments of Pediatric Trauma Resuscitation

HILLCREST HEALTH SYSTEM: RESPIRATORY CARE SEMINAR, Waco, TX
- High Frequency Oscillatory Ventilators [06/17/05]

HILLCREST HEALTH SYSTEM: TRAUMA SYMPOSIUM, Waco, TX
- True Orthopedic Emergencies [05/10/06]

CENTRAL TEXAS DIETICIAN ASSOCIATION, Waco, TX
- Bariatric Surgery Primer for Dieticians [02/23/06]

NATIONAL ASSOCIATION FOR FEMALE EXECUTIVES, Waco, TX
- “The Golden Hour” [02/15/07]

NCTTRAC TRAUMAfest Conference 2008, Dallas, TX
- “Traumatic Brain Injury” [04/26/08]

JPS Health Network Research Roundtable, Fort Worth, TX
- “Critical Assessment of the Literature, Research Projects, and Grants”, [06/13/08]

JPS Trauma Talk, Fort Worth, TX:
- “High Frequency Oscillatory Ventilation in Trauma Patients”, [10/20/08]

CareFlite: Fort Worth, TX
- “Traumatic Brain Injury”, [09/15/08]

John Peter Smith Hospital - Emergency Medicine Grand Rounds
- “The Kinematics of Trauma”, [04/29/09]

CareFlite: Emergency Care Update
- “The Kinematics of Trauma”, [06/22/09]

JPS Health Network Research Roundtable, Fort Worth, TX
- “Critical Assessment of the Literature, Research Projects, and Grants”, [09/18/09]

JPS Trauma Talk, Fort Worth, TX
- “The 10 Commandments of Pediatric Trauma Resuscitation”, [10/20/09]

Texas Health Resources - Harris Methodist Hospital Fort Worth, Fort Worth, TX
- 12th Annual Trauma Conference - Geriatric Trauma Care: Pitfalls, Practices, and Improvements – “Elderly Trauma: Stats, Facts and Other”, [03/19/10]

JPS Trauma Talk, Fort Worth, TX
- “Traumatic Brain Injury (TBI)”, [05/18/10]

CareFlite: Arlington, TX
- “Kinematics of Trauma”, [06/07/10]

- Kinematics of Trauma [06/24/10]
Tarrant County ENA Emergency Care Lecture Series, Fort Worth, TX

Texas Health Resources - Harris Methodist Hospital Fort Worth, Fort Worth, TX

Tarrant County - American Association of Neuroscience Nurses (TC-AANN)
- “Management of Traumatic Brain Injury” [07/08/10]

John Peter Smith Hospital - Department of Emergency Management Grand Rounds:
- “Traumatic Brain Injury (TBI)”, [11/10/10]

JPS Trauma Talk, Fort Worth, TX
- “Traumatic Brain Injury (TBI)”, [11/16/10]

CareFlite: Arlington, TX;
- “Kinematics: The Physics of Trauma” [05/13 &14/11]

17th World Congress on Disaster and Emergency Medicine, Beijing, China
- “Developing and Implementing an Emergency Preparedness and Trauma Research Program in a New Level One Trauma Center”, [May 31 - June 3, 2011]
Emergency Medicine Grand Rounds: Fort Worth, TX
   • “Management of Traumatic Brain Injury”, [10/12/11]

Apollo Hospital in Ahmedabad, India
   • “Traumatic Brain Injury (TBI)”, [01/03/12]
Sheth Vadilal Sarabhai Municipal General Hospital in Ahmedabad, India
   • Kinematics of Trauma, [01/04/12]

CareFlite: Emergency Care Update:
   • “The Kinematics of Trauma”, [05/22/12]

Annual CareFlite Emergency Care Update Conference
   • Kinematics of Trauma - Arlington Convention Center, Arlington, Texas, May 21, 2013

Annual CareFlite Emergency Care Update Conference
   • Trauma Resuscitation - Arlington Convention Center, Arlington, Texas, May 21, 2013

Annual Hobert Trauma Symposium
   • Kinematics of Trauma – Methodist Hospital, Dallas, TX, November 6, 2013

2014 CareFlite Emergency Care Update Conference, Arlington, Texas May 19-20, 2014
   • Kinematics of Trauma
   • Trauma Resuscitation / TBI – Traumatic Brain Injury

John Peter Smith Hospital – Emergency Medicine Grand Rounds, August 9, 2012
   • Abdominal and Thoracic Trauma

Texas Podiatric Medical Assn 2014 Southwest Foot & Ankle Conference, October 10-12, 2014
   • Evaluation and Stabilization of the Polytrauma Patient
   • Maximizing Outcomes in the Polytrauma Patient

STRAC 2015 Regional Emergency Healthcare Systems Conference – STRAC Education Committee
   • Geriatric Trauma: Is It Really Trauma? -, Alamodome, San Antonio, TX, May 4, 2015

2015 CAREFLITE Emergency Care Update, Arlington, TX Convention Center, May 18, 2015
   • What’s new in Trauma Resuscitation
   • What’s new in TBI

ED Integration Conference, Grapevine Convention Center, November 4, 2015
   • Geriatric Trauma

2015 TQIP Annual Scientific Meeting and Training
   • Chest Trauma and VAP, Nashville, TN, November 15-17, 2015

EAST 29th Annual Scientific Assembly
   • Venous Thromboembolism Prophylaxis in Traumatic Brain Injury, San Antonio, TX, January 12-16, 2016
B Con Course [Bleeding Control] – Train the Trainer – Lead Instructor

- Austin, Texas, February 10, 2016

Society of Critical Care Medicine – Critical Care Congress

- Invited Research Snapshot Theater Moderator for Research Snapshot Presentation: Surgery/Trauma/Burns 6, Poster Session – February 22

2016 STRAC [Southwest Texas Regional Advisory Council] Regional Healthcare Conference

- April 28, 2016, San Antonio, Texas

VISITING PROFESSORSHIP

ST. LUKES HOSPITAL
- Pediatric Burn Trauma. Bethlehem, PA [05/31/01]

YALE UNIVERSITY HOSPITAL
- Can Adult Trauma Patients Take care of Pediatric Trauma Patients? New Haven, CT [03/11-03/12/02]

MEDIA APPEARANCES

WMTR RADIO
- “Your New Jersey Connection”. Pediatric Trauma [10/13/00]

KWTX Hillcrest Healthcast
15+ appearances on specific Trauma, Critical Care and General Surgery Topics
Started 10/31/03 to 03/01/07.

Ask the Expert
04/16/09, CBS 11 News at the 4PM and 5PM hours.

DATELINE
August 2005

Ask the Expert: John Peter Smith and Channel 11
04/16/09: Trauma

WFAA GOOD MORNING TEXAS
- LIVE 3-D Program "Don't Drive Distracted" - JPS Trauma Services [06/14/10]

WFAA ABC NEWS, Channel 8, Fort Worth, Texas
- Shattered Dreams – Fossil Ridge High School, Keller, Texas, March 1, 2017
- Aired 6pm March 1, 2017
- YouTube, Fossil Ridge HS shattered dreams 2017
KTVT TV, Channel 11, Fort Worth, Texas
- Up-Close Look At Real Life In JPS Trauma Unit – filmed January 11, 2017
- Aired March 1, 2017, 6pm
- [http://cbsloc.al/2mvVahN](http://cbsloc.al/2mvVahN)

MEDIA

TETAF Media Training – Austin, TX – November 13, 2014
Eric B. Gonzales, Ph.D.
Curriculum Vitae

Address:
Center for Neuroscience Discovery
UNT Health Science Center
3500 Camp Bowie Blvd.
Fort Worth, TX 76107
Phone: 817-269-5789
E-mail: eric.b.gonzales@unthsc.edu

**APPOINTMENTS**

07/2016-present
**Assistant Professor**
Department of Medical Education
Texas College of Osteopathic Medicine
University of North Texas Health Science Center at Fort Worth

09/2015-present
**Assistant Professor**
Center for Neuroscience Discovery
University of North Texas Health Science Center at Fort Worth

09/2009-08/2015
**Assistant Professor**
Department of Pharmacology & Neuroscience
University of North Texas Health Science Center at Fort Worth

03/2007-08/2009
**Postdoctoral Fellow**
Vollum Institute
Oregon Health and Science University
Title: *Structure Determination of Ion Channels Using Protein Crystallography*
Principal Investigator, Eric Gouaux, Ph.D.

**Postdoctoral Fellow**
Vollum Institute
Oregon Health and Science University
Title: *Elucidation of Acid Sensing Ion Channel Gating Kinetics Using Rapid Solution Exchange and Patch Clamp-Electrophysiology*
Principal Investigator, Edwin W. McCleskey, Ph.D.

2004
**Grass Fellow**
Marine Biological Laboratory
Woods Hole, MA

**EDUCATION**

2005
**Ph.D., Biomedical Sciences**
University of North Texas Health Science Center
Concentration: Pharmacology & Neuroscience
Title: *The 6' and 7' Residue of the Second Transmembrane Domain of Cys-Loop Ion Channels Influence Gating and Picrotoxin Sensitivity*
Advisor: Glenn H. Dillon, Ph.D.
2000
B.Sc. Biochemistry
University of Texas at Austin

TEACHING EXPERIENCE
Lectures or courses

University of North Texas Health Science Center
Texas College of Osteopathic Medicine

2013-present Nervous System 1/MEDE 7812, Texas College of Osteopathic Medicine
Autonomic Nervous System

2013-present Nervous System 1/MEDE 7812, Texas College of Osteopathic Medicine
Electrical Properties of Neurons and Synaptic Transmission

University of North Texas Health Science Center
Graduate School of Biomedical Sciences

2016-present Scientific Communications BMSC 5310 Graduate School of Biomedical Sciences
Social Media

2012-present Neuropharmacology/PHRM 5470
Lectures on GABA/glycine:Neurotransmitter and Receptor

2011-present Functional Neuroscience/PHRM 6400
Lectures on Postsynaptic Potentials and synaptic integration and
Complex information processing in complex dendrites

2011-present Functional Neuroscience/PHRM 6400
Lecture on GABA/glycine:Neurotransmitter and Receptor

2011-present Receptors and Drug Action/PHRM 6480
Lecture on Ligand-gated Ion Channels
University of North Texas Health Science Center, Fort Worth

2010-present Integrated Biomedical Science 4:Pharmacology/BMSC6304
Lecture on Voltage-Gated Ion Channels

2010-present Integrated Biomedical Science 4:Pharmacology/BMSC6304
Lecture on Ligand-Gated Ion Channels

2010 Integrative Biomedical Science 3:Physiology/5304
Lecture on Generation and Conduction of Action Potentials

Marine Biological Laboratory
2006 Neurobiology, Marine Biological Laboratory, Woods Hole, MA
Teaching Assistant
Electrophysiology section on the dissociated cell patch-clamp station

ACHIEVEMENTS AND HONORS
2016 Outstanding Advisor, University of North Texas Health Science Center
2014 Golden Apple Award for Teaching, University of North Texas Health Science Center
Graduate Student Association

2012  Summer Leadership Institute, Society for the Advancement of Chicanos and Native Americans in Science

2006  Outstanding Graduate, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

2005  Edward E. Elko Award for Distinguished Service, Graduate Student Association, University of North Texas Health Science Center

2005  Harbans Lal Award for Outstanding Graduate Student, Dept. of Pharmacology and Neuroscience, University of North Texas Health Sci. Center

2005  First Place Poster Presentation, Neurobiology of Aging Trainee Symposium, University of North Texas Health Science Center

2005  First Place Poster Presentation, Research Appreciation Day, University of North Texas Health Science Center

2004  Grass Fellow, Grass Foundation, Marine Biological Laboratory, Woods Hole, MA

2004  Second Place, Poster Presentation, Neurobiology of Aging Trainee Symposium, University of North Texas Health Science Center

2004  First Place Oral Presentation, Research Appreciation Day, University of North Texas Health Science Center

2003  Second Place Poster Presentation, Research Appreciation Day, University of North Texas Health Science Center

2003  Defense with Distinction, Grant Writing Qualifying Exam, University of North Texas Health Sci. Center

2002  Second Place Poster Presentation, Preventable Brain Aging Symposium, University of North Texas Health Science Center

PUBLICATIONS

McBroom MM and Gonzales EB (2017) Psalmotoxin (PcTx1) blocks acid-sensing ion channel 1a (ASIC1a) in animal models: implications for neurological and autoimmune disease therapy. *EC Pharmacology and Toxicology*. April; 3(4): 90-92.


**FUNDING**

**Pending Research Support**

NIH/NEI

“Novel drug-like ASIC antagonist lead compounds for diabetic retinopathy”

Role: Co-PI

**Completed Research Support**

**IAADR Pilot Grant** *(No cost extension through 12/31/2015)* 10/01/13 to 09/30/15

“Structure determination of a muscarinic acetylcholine receptor”

Role: PI

**American Heart Association** *(No cost extension through 12/31/2014)* 01/01/12 to 12/31/14

Beginning Grant-In-Aid

“Structure determination of peripheral acid sensing ion channels”

Role: PI

**Welch Foundation BK-1736**

“Structure Determination of a Chloride Ion Channel to Atomic Resolution”

Role: PI

**University of N. Texas HSC Junior Faculty Seed Grant**

“Structure determination of a male contraceptive target”

Role: PI
MENTORING
Major professor for the following graduate students

Ph.D. Students
Rachel N. Smith (Dissertation: Psalmotoxin-1 and nonproton ligand interactions with acid-sensing ion channels, completed Ph.D. April 2015)
Currently: Clinical Education Liaison, Bristol-Myers-Squibb

Heather D. Snell (Dissertation: Characterization of Guanidine compound interaction with the GABA-A \( \rho_1 \) receptor, completed Ph.D. October 2015)
Currently: Postdoctoral Researcher at Albert Einstein College of Medicine

Amruta S. Agharkar (Dissertation: Dietary supplements and acid-sensing ion channels, completed Ph.D. October 2015)
Currently: Product Development Scientist II, Nostrum Laboratories

M.S. Students
Rachel N. Smith (Thesis: Ionotopic purinoceptors and acid-sensing ion channels in epithelial cancers, completed 2011)

Research Awards received by mentored students:

Rachel N. Smith
- Defense with Distinction, Dissertation, 2015, UNT Health Science Center
- Neurobiology of Aging Training Grant Recipient, 2013-2015, NIA: 2T32AG020494-11A1
- Honorable Mention for Excellent Scientific Poster, 2014, INS Neuroscience Symposium, University of Texas at Austin
- Sigma Xi Associate Member, 2014
- Defense with Distinction, Grant Writing Qualifying Exam, 2013, UNT Health Science Center
- Dallas Women’s Club Scholarship

Heather D. Snell
- Minority Opportunities in Research and Education (MORE) fellowship, 2010-2012
- Institute for Aging and Alzheimer’s Disease Research (IAADR) Associate Fellowship, 2011-2012
- Society for Advancement of Chicanos and Native Americans in Science (SACNAS) Travel Scholarship Award to National Conference, Fall 2011
- Summer Program in Neuroscience, Ethics, & Survival (SPINES) Fellow at the Marine Biology Laboratory (MBL) in Woods Hole Massachusetts, Summer 2012
- Post Course Research Fellow at Marine Biological Laboratory (MBL) in Woods Hole Massachusetts, Summer 2012
- Online Coursera course: Drugs and the Brain (taught by Henry Lester), 2012-2013
- UNTHSC Graduate Student Association Scholarship, 2013-2014
- Student Leadership Professional Development Fund (SL/PDF) Travel Award, Spring 2014
- Institute of Aging and Alzheimer’s Disease Research (IAADR) Associate Fellowship, 2013-2014
- FASEB MARC Program Poster/Oral Presentation Travel Award-Experimental Biology National Conference, Spring 2014
- Neurobiology of Aging Training Grant Fellowship, 2014-2015
- UNTHSC Moorman Family Scholarship, 2014-2015
- Neuroscience Scholar Program Associate Fellow (Society for Neuroscience), 2014-2015
- Society for the Advancement of Chicanos and Native American in Science (SACNAS) Travel Scholarship Award to National Conference, Fall 2014
- Student Leadership Professional Development Fund (SL/PDF) Travel Award, Fall 2014
- UNTHSC Student Bridge Grant, Spring 2015
- Neurobiology Course scholarship at Marine Biological Laboratory (MBL) in Woods Hole Massachusetts, Summer 2015

Amruta S. Agharkar
- Sigma Xi Associate Member (2015)
- Doctoral Student Bridge Funding Grant, UNTHSC
- SACNAS National Conference Travel Award (2014), Los Angeles, California
- SACNAS National Conference Travel Award (2013), San Antonio, Texas
- SACNAS National Conference Travel Award (2011), San Jose, California

Summer Student Mentoring
2014 Eric Witherspoon, SMART Program, Morehouse College
2013 Wen Mai Wong, SMART Program, Saint Mary’s University
2012 Ryan Hobbs, McNair Scholar, Morehouse College
2011 Jose Ontiveros, McNair Scholar, Texas Wesleyan University
2010 Rodney O. Ballard, McNair Scholar, University of Arkansas Pine Bluff

THESIS COMMITTEE MEMBER
2010-2015 Brandon Coder, Ph.D., Molecular Biology and Immunology, University of North Texas Health Science Center (University Member)
2014-2015 Hayde Izurieta-Munoz, MS, Biotechnology, University of North Texas Health Science Center

2011-2015 Robbyn Kindle, MS, Pharmacology & Neuroscience, University of North Texas Health Science Center

2011-2015 Marjana Sarker, Ph.D., Pharmacology & Neuroscience, University of North Texas Health Science Center

2011-2015 Shreyas Bhave, Ph.D., Pharmacology & Neuroscience, University of North Texas Health Science Center

2011-2015 Winfred Stacey, Ph.D., Pharmacology & Neuroscience, University of North Texas Health Science Center

2010-2014 Maninder Malik, PhD., Pharmacology & Neuroscience, University of North Texas Health Science Center

2010-2014 Victor Taylor, Ph.D., Graduate School of Biomedical Sciences, University of North Texas Health Science Center (University Member)

2010-2014 Kiran Chaudhari, Ph.D., Pharmacology & Neuroscience, University of North Texas Health Science Center

2010-2014 Jacques Nguyen, Ph.D., Pharmacology & Neuroscience, University of North Texas Health Science Center

2012-2013 Cheryl Hinze, MS, Molecular Biology & Immunology, University of North Texas Health Science Center

2010-2012 Yogesh Mishra, Ph.D., Graduates School of Biomedical Sciences, University of North Texas Health Science Center

2010-2011 Manoj Kumar, Ph.D., Pharmacology & Neuroscience, University of North Texas Health Science Center

UNIVERSITY COMMITTEES
2016-present Member, UNTSC Core Facility Working Group
2015-present Member-at-Large, UNTSC GSBS Graduate Council
2014-present UNTSC Institutional Biosafety Committee
2014-present Texas College of Osteopathic Medicine Medical Admissions Committee
2012-present Member, Department of Pharmacology & Neuroscience Faculty Search Committee, University of North Texas Health Science Center
2012-2013 GSBS Representative, Scholarship Committee, University of North Texas Health Science Center
2010-2011 Member, Department of Pharmacology & Neuroscience Faculty Search Committee, University of North Texas Health Science Center
2010-2011 Departmental Representative, University of North Texas Health Science Center Faculty Senate
2010 Member, University of North Texas Health Science Center Search Committee for Associate Dean of the Graduate School of Biomedical Sciences
OUTREACH
2014 International Newcomer Academy Career Day, Fort Worth, TX
2013 Kirkpatrick Middle School Career Day, Fort Worth, TX
2013 Worth Heights Elementary School Career Day, Fort Worth, TX
2012 North Side High School Career Day, Fort Worth, TX
2010-present All Saints Catholic Church Middle School Science Fair
2010 5th Annual Texas Conference on Health Disparities Poster Judge

SERVICE
2016-present University of North Texas Health Science Center for Neuroscience Discovery Oral Qualifying Exam Committee
2013-present University of North Texas Health Science Center Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) Student Chapter Advisor
2010-2015 University of North Texas Health Science Center Department of Pharmacology & Neuroscience Oral Qualifying Exam Committee
2010-2013 University of North Texas Health Science Center Graduate Student Association Faculty Advisor

PEER REVIEW
Alcoholism: Clinical and Experimental Research
Amino Acids
International Journal of Molecular Sciences
Molecular Pain
PLOSOne
Physiology & Behavior
Nutritional Neuroscience

Editorial Board
Matters

GRANT REVIEW
American Heart Association, Innovative Research Grant, Vascular Regulation and Diseases 1
American Heart Association, Basic Cell Protein & Crystallography 4 Study Section
Alzheimer’s Association

INVITED SEMINARS
2016 Department of Biology, Chemistry, and Environmental Science, Northern New Mexico College
2012 Department of Cell Physiology & Molecular Biophysics Texas Tech University Health Sciences Center
2012 Role Model Seminar, Office of Outreach, UNT Health Science Center
2010 Department of Physiology and Biophysics, Virginia Commonwealth University
2010 Department of Chemistry and Biochemistry, University of Arizona

RESEARCH ABSTRACTS


Snell H and Gonzales EB (2011) Pre-crystallization Screening of a γ-Aminobutyric Acid A Receptor. *UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER Health Science Center Research Appreciation Day*.

Agharkar A and Gonzales EB (2011) Pre-crystallization Screening of Muscarinic Acetylcholine Receptors. *UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER Health Science Center Research Appreciation Day*.

*Note: Selected for special poster session sponsored by ASIP Breast Cancer Scientific Interest Group.*


Gonzales EB, Bell-Horner CL, and Dillon GH (2002) Stoichiometric Effects of the TM2 6’ Phenylalanine Mutation on Picrotoxin Resistance and Desensitization of the GABA\textsubscript{A} Receptor. GABA\textsubscript{A} Receptors in Cellular and Network Excitability Conference. Orlando, Florida.


AFFILIATIONS
American Heart Association
Biophysical Society
Society for Neuroscience
Society for the Advancement of Chicanos and Native Americans in Science
Sigma Xi
References

**External references**

James W. Simpkins, Ph.D.
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University of Texas at Dallas
E-mail: gregory.dussor1@utdallas.edu

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Howard Hughes Medical Institute
E-mail: mccleskeye@hhmi.org

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Investigator, Howard Hughes Medical Institute
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**Internal references**

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Robert Luedtke, Ph.D.
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Postdoctoral Researcher
Albert Einstein College of Medicine
heather.snell@einstein.yu.edu

Amruta S. Agharkar, Ph.D.
Product Development Scientist II
Nostrum Laboratories
amrutaagharkar@gmail.com
Vitae

KEN C. HOPPER, M.D., M.B.A.

The Hopper Group, P.A.
1200 Summit Avenue, Suite 509
Fort Worth, Texas 76102
(817) 932-2542

EDUCATION AND CERTIFICATIONS

Master of Business Administration in a combined program from The University of Texas at Dallas and The University of Texas Southwestern Medical School, May 2009

Certified Professional in Healthcare Quality from National Association for Healthcare Quality, January 2001

Board Certified in General Psychiatry: American Board of Psychiatry and Neurology

Residency in Psychiatry: The University of Texas Southwestern Medical School, completed July, 1989

Doctor of Medicine: The University of Texas Medical Branch at Galveston, graduated May, 1985

Bachelor of Science, Premedical/Biology: Baylor University, graduated May, 1981, Summa Cum Laude

RESEARCH ACTIVITIES

October 2001 to October 2002

**Investigator:** Arlington, Texas
Multicenter, double-blind, randomized comparison of the efficacy and safety of Quetiapine Fumarate (SEROQUEL™) and Risperidone (RISPERDAL™) in the treatment of patients with schizophrenia. Protocol 5077US/0043

December 2002 to December 2003

**Investigator:** Arlington, Texas
An International, Multicenter Large Simple Trial (LST) to Compare The Cardiovascular Safety of Ziprasidone (Geodon™) and Olanzapine (Zyprexa™) Protocol A1281062

February 2003 to June 2003

**Investigator:** Arlington, Texas
An 8-week, open label, uncontrolled trial using Escitalopram (Lexapro™) to treat depressed patients. Protocol SCT-MD-25

October 2003 to June 2004

**Investigator:** Arlington, Texas
An open-label study of tolerability, clinical response, and satisfaction in adult bipolar I subjects optimizing initiation of therapy using administration of dermatological precautions and LAMICTAL† titration packs. Protocol SCA40917

November 2004 to 2006

**Investigator:** Arlington, TX
An International, Multicenter Large Simple Trial (LST) to Compare The Cardiovascular Safety of Ziprasidone (Geodon™) and Olanzapine (Zyprexa™) Protocol A1281062
January 2005 to 2006

Investigator (Phase II): Arlington, TX
Regimen of Eszopiclone Sleep Satisfaction Trial (RESST). To assess patient satisfaction with eszopiclone therapy for treatment of insomnia. Protocol 190-901

PROFESSIONAL EXPERIENCE

January 2017 to Present

National Medical Director for Medical/Behavioral Integrated Care in the Government Business Division of Anthem Corporation
• Collating and promoting national best practices across Anthem and in the marketplace on outcomes-producing total person health
• Leads and operates 7 national clinical operations using collaborative care (IMPACT). Promoting and studying new key drivers for recovery in select populations is key outcome
• Has developed and is promoting an alternative to case/care management that is more targeted, intense. 5 separate national state/markets are achieving significant ROI
• Leads design and expression of both insurance company internal models of integration as well as practice level models of integration.
• Assesses and tests the growing number of targeted tools for both patients and providers, including electronic and device-based tools

May 2012 to December 2016

Regional Vice President/Behavioral Medical Director in Government Business Division for Anthem Corporation:
• Interim leadership role evolved to full time leadership role in Spring 2014
• Leads both operations and the clinical team in improving the utilization of services, care management, cost savings, and other interventions for states west of Kansas. All behavioral staff report either through direct or other supervisory relationships through this position.
• Is national government business division physician leader for medical-behavioral integration efforts. Physical health medical directors and behavioral health medical directors and vice presidents participate in this national workgroup. The goal is to create outcomes-producing care without illogical barriers built up over many years of medical-behavioral separateness. Leads two national projects organizing high intensity integrated care management and practice transformative integration activities. Twelve sites across the US are involved.
• Participates in quality committees and key strategic venues promoting innovations in Medicaid sector business.

February 2002 to Present

Owner and Supervisor: The Hopper Group PA, Arlington, Texas
• Evaluates and treats patients in an advanced structured outpatient behavioral health clinic and in medical clinics (using telemedicine).
• Supervises Advance Practice Nurses in delivery of Psychiatric services.
• Uses holistic, programmatic approaches to outpatient treatment.
• Uses telemedicine and other innovations to bring care directly to established patients
• Delivers integrated behavioral health/psychiatric services via telemedicine to a large PCP group. Is architect in improving delivery models and recognition of undiscovered behavioral issues.

February 2016 to Present
Founding Member of the Medical Director’s Council at The National Council on Behavioral Health: Works directly with Joe Parks, MD, and others who advance the alignment of resources and services in public mental health.

November 2011 to Present
American Psychiatric Association Workgroup Member on Medical/Behavioral Integration: Selected as one of a small group of nationally recognized psychiatric leaders to work on functional clinical and financial models for the integration of behavioral health into mainstream medical settings.

May 2013 to April 2015
Consultant for Cartesian Solutions: Cartesian Solutions approaches behavioral integration from a health complexity perspective. Those cases regardless of diagnosis that appear most in need of behavioral intervention are prioritized. This comprehensive approach can be combined with several well-known tactical approaches to behavioral intervention. Has worked with Dr. Kathol (owner/principal) since 2005 on various projects including Humana’s integrated care management program design.

March 2011 to October 2014
Board Member of MCCI Healthcare Company, Texas Division: Selected to serve on the board of MCCI, a fully capitated, successful Florida clinical group that has expanded operations into San Antonio, Texas. Duties include oversight of provider activities, peer review functions, and consultation on medical/behavioral and behavior change initiatives.

July 2011 to April 2014
Advisory Board Member for Hewlitt Packard Medical Innovations: Plano, Texas Advise and give input into medical management software and products developed to efficiently and cost-effectively facilitate both provider and insurance managers decision-making on medical necessity.

April 2000 to December 2010
Chief Medical Officer/Vice President of Clinical Innovation: LifeSynch, Inc. (A Humana subsidiary and formerly CORPHEALTH, Inc.) Fort Worth, Texas
• Led advanced health plan coordinated initiatives around behavior change models for chronic medical conditions and health status improvement.
• Led and was accountable for the clinical outcomes process for LifeSynch and Humana on integrated behavioral/medical projects.
• Supervised or leads primary care / mental health integration initiatives across Humana.
• Supervised two full time medical leaders and six contracted physicians who collaborate in expression of the medical/clinical vision and who perform utilization review and committee services.
• Supervised Case Management, Utilization Review, Risk Management and Quality Improvement initiatives.
• Applied Medical Necessity criteria for certification of care.
• Led initiatives regarding legislative and regulatory standards such as NCQA, URAC, and Texas Department of Insurance.
• Was the executive leader who supervised the formation of the three Pharmacy programs at LifeSynch.
• Guided the initiative that eventually led to a Humana change in policy allowing for proactive reach out to patients. This key policy allowed for development of Humana’s integrated care management and LifeSynch’s pharmacy programs.

January 2000 to October 2002
**Medical Director:** Millwood Hospital, Arlington, Texas
Provided medical leadership and comprehensive medical management for all care venues of Millwood Hospital.
Responsibilities include executive level representation on the Governing Board, Management, Clinical Programming, as well as regulatory compliance.

February 1996 to April 2000
**Medical Director/Physician Reviewer:** CORPHEALTH, Inc.
Fort Worth, Texas: The duties of Medical Director were similar to Chief Medical Officer at CORPHEALTH with less emphasis on operational management and director-level decision making.

October 1995 to March 2003
**President:** ABS Healthcare Company, Inc., Fort Worth, Texas
• Preside over and one the founders of this not for profit Texas Corporation. Nearly one hundred providers participated in this entity.
• Directed Utilization Management, Business Development and Quality Improvement for contracts encompassing approximately 300,000 covered lives.

December 1995 to March 2000
**President:** ABS Management Company, Inc., Fort Worth, Texas
• Presided over the formation and coordination of management and support services for ABS Healthcare Company.
• Directed initiatives for creative linkages between payers, health care systems and ABS Healthcare Provider Organization.
• Forged partnership, and eventual merger with Psyquel, a Management Services Company specializing in Behavioral Health.
November 1995 to January 2000  **Medical Director of Integrated Services:** BHC Millwood Hospital, Arlington, Texas
Charged with creating innovative care and linkages outside traditional inpatient care.

November 1996 to 2000  **Chief of Staff:** BHC Millwood Hospital, Arlington, Texas
• Elected annually to represent providers practicing at this facility
• Led the Medical Staff through surveys by Joint Commission and Texas Department of Health

August 1993 to October 1995  **Medical Director:** Charter Behavioral Systems of Fort Worth Fort Worth, Texas
• Guided the hospital’s correction of thirteen Type I deficiencies cited prior to selection as Medical Director, correction occurred within a two month period.
• Developed and implemented a streamlined model regarding Medical Staff CQI monitoring and reporting.
• Pursued, developed and maintained managed care relationships.

May 1991 to August 1993  **Medical Director:** CPC Oak Bend Hospital, Fort Worth, Texas
• Pursued, developed, and maintained managed care and Employee Assistance Program relationships.
• Provided ongoing staff development.
• Guided and supervised the Medical Staff CQI process.
• Led successful efforts for Joint Commission accreditation.
• Developed positive relations with Texas Department of Health surveyors.

July 1989 to May 2000  **Private Practice Psychiatry:** Fort Worth, Texas
Selected to clinical professorship at local medical school, TCOM.

**ACADEMIC APPOINTMENTS**
Associate Clinical Professor of Psychiatry, Texas College of Osteopathic Medicine, University of North Texas Health Science Center, Fort Worth, Texas 1989-1997
Adjunct Clinical Instructor, School of Nursing, The University of Texas at Arlington, Arlington, Texas 2003-2004

**PROFESSIONAL ORGANIZATIONS**
Tarrant County Medical Society
Texas Medical Association
American Medical Association
American Psychiatric Association
American Telemedicine Association
American Society of Clinical Psychopharmacology
HONORS AND DISTINCTIONS

2012, 2013, 2014, and 2016 “Top Doc’s” Award Recipient for Tarrant County in Fort Worth Magazine. (Has been recipient in previous years.)

National Alliance on Mental Illness (NAMI) Leadership Alliance: Contribution to this grass roots organization led to recognition in November 2011

Presenter/panelist World Health Care Congress 2016: Integration of Medical and Behavioral Health

Presenter at 2016 TMA annual meeting on ACO development topic: “Behavior Driving Outcomes: What Can Be Done?”

Major presenter on behavioral integration into physical health settings at 2014 AHIP (America’s Health Insurance Plans) conference

Beta Gamma Sigma International Business Honor Society 2010

Key speaker at international conference entitled “Mental Health Commissioning” in June 2008, London, UK. The management of health care with emphasis on outcomes was discussed for those in the government-sponsored environment.

Major presenter at The National Business Coalition on Health in 2007
The role of best pharmaceutical practices in the promotion of cost-effective care was discussed.

Participant in September 2007 at The Center for Health Transformation and Booz Allen Hamilton national conference entitled, “Alzheimer’s Disease: A Megacommunity Approach to Prevention, Detection, and Treatment”

May 2005: Invited to be a panelist at the Consumer Directed Health Care Conference and The Health, Wellness, and Prevention Congress, Chicago

Awarded Certificate of Medical Management from The University of Texas at Dallas, Southwestern Medical School, December 2003

Exemplary Psychiatrist National Award 1997
Award nominated and voted by patients and their families through NAMI (National Alliance for the Mentally Ill)

Phi Beta Kappa 1981
Alpha Chi Honor Society
As a member, was awarded the Baylor Junior Class Scholarship for highest premedical academic performance

Alpha Epsilon Delta Premedical Society

Summa Cum Laude graduate of Baylor University 1981
Curriculum Vitae

Name: Evonne Kaplan-Liss, M.D., M.P.H.

Date & Place of Birth: September 21, 1966 – New York, N.Y.

Mailing Address: 5 Pioneer Court
Dix Hills, N.Y. 11746

Home Telephone: 631-421-9225
Office Telephone: 631-444-2288
Cell Phone: 631-807-8254

Higher Education

<table>
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<tr>
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<td>2003</td>
<td>2005</td>
<td>M.P.H.</td>
<td>Mailman School of Public Health</td>
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<td>Columbia University</td>
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<td>New York, N.Y.</td>
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<td>2003</td>
<td>2005</td>
<td>PGY IV &amp; V Resident</td>
<td>Stony Brook Medicine</td>
<td>Preventive Medicine</td>
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<td>1997</td>
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<td>PGY I-III Resident</td>
<td>North Shore University Hospital</td>
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<td>Mount Sinai School of Medicine</td>
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<td>1984</td>
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<td>B.S.J.</td>
<td>Medill School of Journalism</td>
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<td>Evanston, Ill</td>
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<td>1980</td>
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<td>Regents Diploma</td>
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<td></td>
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<td>Bronx, N.Y.</td>
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</tbody>
</table>
Evonne Kaplan-Liss, M.D., M.P.H.

Certification & Licensure

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<td>1/1/08</td>
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<td></td>
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</tr>
<tr>
<td>6/15/98</td>
<td>University of the State of N.Y.</td>
<td>to Present</td>
<td>Office of the Professions</td>
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<tr>
<td></td>
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Appointments

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<tr>
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<td>1/12</td>
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<td>6/11</td>
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<td>Director, Advanced Graduate Certificate in Health Communications</td>
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<tr>
<td>7/09</td>
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Evonne Kaplan-Liss, M.D., M.P.H.

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<td>Instructor</td>
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<td>Stony Brook University Medical Center</td>
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**Professional Practice & Services**

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<td>4/16-present</td>
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<td>Pediatric Environmental Center of Excellence at Stony Brook</td>
<td>Stony Brook Medicine</td>
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<td>5/14-5/15</td>
<td>Director</td>
<td>Pediatric Environmental Center of Excellence at Stony Brook</td>
<td>Stony Brook Medicine</td>
</tr>
<tr>
<td>1/09-present</td>
<td>Medical Program Director</td>
<td>Alan Alda Center for Communicating Science</td>
<td>Stony Brook School of Journalism</td>
</tr>
<tr>
<td>1/09-present</td>
<td>Steering Committee member</td>
<td>Alan Alda Center for Communicating Science</td>
<td>Stony Brook School of Journalism</td>
</tr>
<tr>
<td>1/07-present</td>
<td>Attending Physician</td>
<td>Stony Brook, N.Y.</td>
<td>Stony Brook Medicine</td>
</tr>
<tr>
<td>3/7-6/10</td>
<td>Director</td>
<td>Pediatric Environmental Center of Excellence at Stony Brook</td>
<td>Stony Brook Medicine</td>
</tr>
<tr>
<td>10/05-present</td>
<td>Physician Reviewer</td>
<td>NYS</td>
<td>Empire State Medical, Scientific and Educational Foundation, Inc.</td>
</tr>
<tr>
<td>1/01-6/03</td>
<td>Pediatrician</td>
<td>Bethpage, N.Y.</td>
<td>Massapequa Family Care</td>
</tr>
</tbody>
</table>
Evonne Kaplan-Liss, M.D., M.P.H.

7/00-12/00  Pediatrician  Bethpage, N.Y.  Glenn Ringel, M.D.
1990-1991  Associate Producer  New York, N.Y.  Instant Recall/King World Productions
1988  Reporter  Melbourne, Fla.  Florida Today/Gannett
1985  Intern  New York, N.Y.  NBC News

Professional and Scientific Societies

<table>
<thead>
<tr>
<th>Organization</th>
<th>Dates of Initial Membership</th>
<th>Leadership Position (s) and Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Association of Medical Colleges</td>
<td>2013</td>
<td>CFAS Advisory Task Force, junior faculty rep</td>
</tr>
<tr>
<td>American Medical Writers Association</td>
<td>2004</td>
<td></td>
</tr>
<tr>
<td>American College of Preventive Medicine</td>
<td>2003</td>
<td>Adolescent Health Committee member</td>
</tr>
<tr>
<td>American Academy of Pediatrics</td>
<td>1997</td>
<td>Fellow, Committee on Environmental Health</td>
</tr>
<tr>
<td>American Medical Association</td>
<td>199</td>
<td></td>
</tr>
</tbody>
</table>

Academic & Professional Honors

<table>
<thead>
<tr>
<th>Date</th>
<th>Honor</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>AAMC Innovations in Research Education Award; Effective Communication for Physician Scientists M. Seeliger, V. Lantz-Gefroh, E. Kaplan-Liss, E. Bass, M. Frohman</td>
</tr>
<tr>
<td>1996</td>
<td>Crohn’s &amp; Colitis Foundation of America, Women of Distinction Rising Star Award</td>
</tr>
<tr>
<td>1996</td>
<td>Evonne Kaplan-Liss Pediatric Research Award for IBD research – awarded to IBD researchers in my name in recognition of my contribution to the CCFA</td>
</tr>
<tr>
<td>1994</td>
<td>American Academy of Family Physicians Summer Fellowship Award</td>
</tr>
</tbody>
</table>
### Sponsored Programs: Grants, Contracts

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Project &amp; Sponsor</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/16</td>
<td>Present</td>
<td><strong>NYS Network of Pediatric Environmental Centers of Excellence</strong>&lt;br&gt;NYS Environmental Protection Fund Contract&lt;br&gt;Role: PI/Director - Communication hub for the network&lt;br&gt;Director of one of 8 New York State Centers providing pediatric environmental health clinical, educational and research services to the community and medical professionals in Suffolk County.</td>
<td>$350,000/yr.</td>
</tr>
<tr>
<td>4/14</td>
<td>3/15</td>
<td><strong>NYS Network of Pediatric Environmental Centers of Excellence</strong>&lt;br&gt;NYS Department of Health Contract&lt;br&gt;Role: PI/Director&lt;br&gt;Director of one of 8 New York State Centers providing pediatric environmental health clinical, educational and research services to the community and medical professionals in Suffolk County.</td>
<td>$200,000</td>
</tr>
<tr>
<td>7/11</td>
<td>6/13</td>
<td><strong>Communication Interprofessional Teamwork Initiative (CITI): New Health Professional Cultural Competency Interdisciplinary Curriculum Model</strong>&lt;br&gt;Stony Brook Presidential Mini-Grant for Departmental Diversity Initiatives&lt;br&gt;Establishment of Communicating Science elective for Stony Brook Medicine medical and nursing students. Role: PI</td>
<td>$1,500</td>
</tr>
<tr>
<td>9/09</td>
<td>8/11</td>
<td><strong>Psychogenic Illness in Response to Pandemic or Mass Biological Exposure: Development of Experimental Model</strong>&lt;br&gt;NIH – National Library of Medicine – R21&lt;br&gt;PI: Joan Broderick PhD&lt;br&gt;Role: Co-investigator&lt;br&gt;Media expert on development and testing of media effects on psychogenic illness. Worked closely with PI on grant submission and study design. Independent development of databases, data entry and analysis of data. Resulted in two manuscript publications in peer reviewed journals.</td>
<td>$275,000</td>
</tr>
<tr>
<td>3/07</td>
<td>6/10</td>
<td><strong>NYS Network of Pediatric Environmental Centers of Excellence</strong>&lt;br&gt;NYS Department of Health Contract&lt;br&gt;Role: PI/Director&lt;br&gt;Director of one of 8 New York State Centers providing pediatric environmental health clinical, educational and research services to the community and medical professionals in Suffolk County.</td>
<td>$196,666</td>
</tr>
</tbody>
</table>
3/07  8/09  

**Psychogenic Illness in Response to Pandemic or Mass Biological Exposure: Development of Experimental Model**  
Stony Brook University Medical Center Pandemic Influenza  
Seed funding - TRO  
Pl: Joan Broderick PhD  
Role: Co-investigator  
Media expert on development and testing of media effects on psychogenic illness. Worked closely with PI on grant submission, study design, execution of pilot study and data analysis.  

$60,000

---

### Courses Directed and Taught

<table>
<thead>
<tr>
<th>Initial Date</th>
<th>Institution</th>
<th>Title</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2014</td>
<td>Stony Brook Medicine</td>
<td>Communicating Science Curriculum – 10 hrs in SOM</td>
<td>160</td>
</tr>
<tr>
<td>Spring 2014</td>
<td>Stony Brook University</td>
<td>Human Development Freshman Seminar: Communicating Science</td>
<td>20</td>
</tr>
<tr>
<td>Spring 2014</td>
<td>Stony Brook University</td>
<td>Science &amp; Society Freshman Seminar: Communicating Science</td>
<td>20</td>
</tr>
<tr>
<td>Fall &amp; Spring</td>
<td>Stony Brook Medicine</td>
<td>Communicating Science Elective for nursing, dental and medical students</td>
<td>20</td>
</tr>
<tr>
<td>2012 – present</td>
<td>Stony Brook Medicine</td>
<td>HPH 519 Independent Study – Online Connecting with the Community</td>
<td>1</td>
</tr>
<tr>
<td>Spring 2012</td>
<td>Stony Brook Medicine Graduate Program in Public Health</td>
<td>HPH 519 Independent Study – Online Introduction to Health Communications</td>
<td>2</td>
</tr>
<tr>
<td>Spring 2012</td>
<td>Stony Brook Medicine Graduate Program in Public Health</td>
<td>JRN 505 Communicating Science: Connecting with the Community</td>
<td>10</td>
</tr>
<tr>
<td>Spring 2012 –</td>
<td>Stony Brook Medicine School of Journalism</td>
<td>JRN 530 The Big Story: Science Issues Course Director Developed curriculum MSJ</td>
<td>4-8</td>
</tr>
<tr>
<td>present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall 2011 –</td>
<td>Stony Brook Medicine School of Journalism Masters in Health and Science Journalism</td>
<td>Advanced Graduate Certificate in Health Communications Director Created 18-credit certificate Developed curriculum</td>
<td>15</td>
</tr>
<tr>
<td>2014</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
2010-present  Stony Brook University School of Journalism  **MS in Health and Science reporting**  Core faculty  Co-creator of program  Developed curriculum

2009-present  Stony Brook Medicine Graduate Program in Public Health  HPH 551 Introduction to Health Communications  Course Director  Developed curriculum

2007-2014  Stony Brook Medicine Graduate Program in Public Health  HPH 581 - Capstone Culminating Experience  Course Director  Developed curriculum

2007-2010  Stony Brook University School of Journalism undergraduate  Health and Science Reporting  Co-Director  Developed curriculum

### Mentoring

<table>
<thead>
<tr>
<th>Date</th>
<th>From</th>
<th>To</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td></td>
<td></td>
<td>David Ali – Stony Brook MPH – Practicum Advisor</td>
</tr>
<tr>
<td>2013</td>
<td></td>
<td></td>
<td>Anne Koke – Stony Brook MPH- Practicum Advisor</td>
</tr>
<tr>
<td>2012</td>
<td></td>
<td></td>
<td>MC Davis – Stony Brook MPH – Practicum Advisor</td>
</tr>
<tr>
<td>2012</td>
<td></td>
<td></td>
<td>Marie Podany – Stony Brook MPH – Practicum Advisor</td>
</tr>
<tr>
<td>2012</td>
<td></td>
<td></td>
<td>Sanhita Reddy – Stony Brook MS 1 – Stony Brook MD with Recognition – application under review Faculty advisor.</td>
</tr>
<tr>
<td>2012</td>
<td></td>
<td></td>
<td>Sanhita Reddy – Stony Brook MS 1 – Barry Coller Scholarship for research on health communications in Peru – Faculty advisor.</td>
</tr>
<tr>
<td>2011</td>
<td></td>
<td></td>
<td>Stony Brook MPH Practicum Advisor for Genevieve Allong, MPH candidate.</td>
</tr>
<tr>
<td>2011</td>
<td></td>
<td></td>
<td>Stony Brook School of Medicine – Rising Leadership Project – How to best incorporate Culturally Competent Communication Curriculum into Stony Brook’s SOM Curriculum – Anni Yu, Connie Kim, Mitchell Fourman, Peju Olasokan – 1st and 2nd year medical students.</td>
</tr>
</tbody>
</table>
Evonne Kaplan-Liss, M.D., M.P.H.

2011 Stony Brook Medicine – Rising Leadership Project – Improving Translation services at Stony Brook University Hospital – Ben Clippinger, Dharmesh Tank, Deirdre Connolly, Rajiv Bhuta, Crista Cerrone, Cameron Sweeney – 1st year medical students.

2010 Stony Brook MPH Practicum Advisor for Dina Fahmy MD, MPH candidate.

2010 Stony Brook MPH Practicum Advisor for Cheryl Hecht, MPH candidate.

2010 Stony Brook MPH Practicum Advisor for Jacqueline Bolta, MPH candidate.

2010 Stony Brook MPH independent Study faculty advisor for Dennis Dorf, research and public health outreach.

2009 Faculty Advisor for Sanhita Reddy (Stony Brook journalism & pre-med student) - awarded 2010/11 Fulbright Scholarship for health communications research in Brazil.

2009 Scientific mentor for Jaclyn Vingan (High School student) – awarded 4th place prize in NY Science and Engineering Fair for her research “Comparing Seasonal and Pandemic Influenza Prevention Knowledge, Attitudes and Behaviors in Children and their Parents in a Suburban Population During a Pandemic.”

2008 Faculty mentor for Dimitris Haldeos (Stony Brook MD/MPH student) Stony Brook MD in Recognition Award.

2009 Stony Brook MPH Practicum Advisor for Elizabeth Bass, MPH candidate

2008 Stony Brook MPH Practicum Advisor for Jojinder Ahuja, MPH candidate

2008 Stony Brook MPH Practicum Advisor for Chintan Pandya MPH candidate

2007 present Stony Brook MPH Faculty advisor for 9 students annually.

2007 2008 Liaison and consultant with Department of Pediatrics faculty on 5 research projects.

### University Service

<table>
<thead>
<tr>
<th>Date To</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013 present</td>
<td>AAMC Counsel of Faculty and Academic Societies – SOM junior faculty representative Member of Advocacy Task Force</td>
</tr>
<tr>
<td>2013 present</td>
<td>University Faculty Senate Governance Committee</td>
</tr>
<tr>
<td>2013 2014</td>
<td>School of Medicine Curriculum Reform Committee – Subgroup 2 – Active Learning and Skill Development</td>
</tr>
<tr>
<td>2013 present</td>
<td>Co-Chair, Jewish University for the Day planning committee - Hillel</td>
</tr>
<tr>
<td>2012 present</td>
<td>Stony Brook University Corporate Education and Training Center Advisory Council – board member</td>
</tr>
<tr>
<td>2012 present</td>
<td>Stony Brook School of Journalism Masters in Health and Science Journalism – admissions committee</td>
</tr>
<tr>
<td>2011 present</td>
<td>Stony Brook School of Journalism Masters in Health and Science Journalism – curriculum committee</td>
</tr>
<tr>
<td>2010</td>
<td>Stony Brook Medicine Strategic Plan 2011-2015 – Community Planning Committee</td>
</tr>
</tbody>
</table>
Stony Brook Medicine LCME review committee representing junior faculty SOM

Cultural competency curriculum development for medical students, residents, fellows, faculty and staff at Stony Brook SOM and SBUH – in collaboration with Dr. Aldustus Jordan, Associate Dean of Student Affairs – SOM

*American Academy of Pediatrics Media Visiting Professor Award* – Dr. Dimitri Christakis, George Adkins Professor of Pediatrics at the University of Washington, and Director of the Center for Child Health, Behavior and Development at Seattle Children’s Hospital Research Institute

Stony Brook Hillel – Board member

Stony Brook Medicine Strategic Planning For Excellence-Community Planning Committee

Steering committee member for Alan Alda Center for Communicating Science- Stony Brook School of Journalism.

Stony Brook Graduate Program in Public Health Curriculum Committee member.

Stony Brook Graduate Program in Public Health Executive Committee member.

Preventive Medicine Residency Advisory Committee, resident representative.

**Community Service/Board membership**

<table>
<thead>
<tr>
<th>Date From</th>
<th>To</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Present</td>
<td>HealthEgames – VP of Health Communications</td>
</tr>
<tr>
<td>2014</td>
<td>Present</td>
<td>HealthEgames – Advisory Board Member</td>
</tr>
<tr>
<td>2013</td>
<td>Present</td>
<td>KidsRX (Pediatric healthcare OTC products) – Board of Advisor member</td>
</tr>
<tr>
<td>2008</td>
<td>Present</td>
<td>North Shore Medical Group Huntington Children Environmental Health Center of Excellence advisory board member.</td>
</tr>
<tr>
<td>2008</td>
<td>2009</td>
<td>Huntington Breast Cancer Action Coalition fundraiser committee member</td>
</tr>
<tr>
<td>2008</td>
<td>Present</td>
<td>Medical Advisor to the L.I. Chapter of the Learning Disabilities Association of America.</td>
</tr>
<tr>
<td>2000</td>
<td>Present</td>
<td>Northwestern University alumni interviewer</td>
</tr>
<tr>
<td>1988</td>
<td>Present</td>
<td>Crohn’s &amp; Colitis Foundation of America – counselor, fundraiser, medical advisory committee member.</td>
</tr>
</tbody>
</table>
Publications in Refereed Journals

**Articles**

**Kaplan-Liss E, Lantz-Gefroh V, O’Connell C, Killebrew D, Bass E** Helping Medical Students Learn to Communicate with Empathy and Clarity, Academic Medicine 2016 Pending Review


**Abstracts**


Publications in Non-Refereed Journals and Papers and newspapers

Overcoming the Curse of Knowledge, Elizabeth Bass MPH, **Evonne Kaplan-Liss MD MPH**, GWIMS Watch Newsletter AAMC, Fall 2014 Issue

Opinion: Residency programs can help ease doctor shortage, Norman Edelman and **Evonne Kaplan-Liss**, Newsday Op-ed 8/24/12

ISIC 2012: Thee information Behavior Conference, Sources of health information in Brazil: a perspective from students of the Federal University of Rio de Janeiro Sanhita Reddy, Denise Pimenta, **Evonne Kaplan-Liss** and Maria Cristina Guimaraes, Tokyo Japan, September 2012.


Media Interviews


10/14 Prism Podcast  http://www.prismpodcast.com

11/14 Scope radio  http://healthcare.utah.edu/the-scope/shows.php?shows=0_zjkkfvy1
 http://healthcare.utah.edu/the-scope/shows.php?shows=0_lpkqortq


3/14 The Academic – http://medicine.stonybrookmedicine.edu/faculty-affairs/Academic/vol2-1#cfas ‘Perspectives From Your Elected Representatives to AAMC’s Council of Faculty and Academic Societies (CFAS)’


4/13 CBS Sunday Morning – 8 minute package focusing on Alan Alda Center for Communicating Science with footage of the Communicating Science Elective taught to medical, dental and nursing students at Stony Brook Medicine

Invited Lectures

<table>
<thead>
<tr>
<th>Date</th>
<th>Institution</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/16</td>
<td>Worcester, MA</td>
<td>“Distilling your Message for Greater Rewards,” Plenary for 150 research faculty,</td>
</tr>
<tr>
<td>11/16</td>
<td>Boston, MA</td>
<td>“How to Explain Science: Distilling your Message for Greater Rewards,” Plenary for 150 research faculty, Mass General Research Institute</td>
</tr>
<tr>
<td>9/16</td>
<td>Fort Worth, TX</td>
<td>“Empathy and Clarity”: plenary and two-track one day workshop for 25 research scientists and 25 clinicians in improvisation and distilling your message”</td>
</tr>
<tr>
<td>9/16</td>
<td>Austin, TX</td>
<td>One day medical improvisation training for Dell Medical faculty</td>
</tr>
<tr>
<td>8/16</td>
<td>Albuquerque, NM</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” plenary one day workshop for 50 physician scientists and Multidisciplinary clinical translational medical researchers</td>
</tr>
<tr>
<td>7/16</td>
<td>San Antonio, TX</td>
<td>“Communicating Science to the Public – What We Say and What They Want to Hear,” 300 Principal investigators, post-docs and fellows funded by the American Heart Association</td>
</tr>
</tbody>
</table>
6/16 Lexington, KY U of KY SOM “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” plenary and two day workshop for 50 MD PHD students and Multidisciplinary clinical translational medical researchers

6/16 Stony Brook, NY Cancer Center “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” plenary and all day workshop for 25 multidisciplinary cancer researchers

5/16 New York, NY NY College of Optometry “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” Clinical Faculty

5/16 Cleveland Ohio Cleveland Clinic Lerner Research Institute “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” Basic scientist faculty and post-docs

5/16 Stony Brook, NY Stony Brook Medicine Coached 3 pediatric residents/fellows for their Ted-like Talk presentations for 2016 pediatric research day.

4/16 Boston, MA NECO “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” Optometry faculty

4/16 Boston, MA Harvard Medical School “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” Basic scientist faculty and post-docs

4/16 Dallas, TX UTSW “Distilling Your Message: Empathy & Clarity,” UTSW SWAT symposium, plenary speaker - research & clinical faculty and graduate students

4/16 Fort Worth, TX TCU/UNTHSC How to incorporate Empathy and Clarity in medical education – TCU Provost Council, TCU/UNTHSC curriculum committee for the new medical school, TCU Interdisciplinary faculty, UNTHSC Provost


1/16 NY, NY Icahn School of Medicine “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” Plenary and 5 week 15 hour course for biomedical PhD and MD PhD Students

12/15 Durham, NC Duke Medicine “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” plenary and all day workshop for 25 basic science medical faculty

11/15 Austin, TX UT-Austin “Engaging Your Audience: Empathy & Clarity,” Plenary for the Moody College of Communication

11/15 Austin, TX UT-Austin “Engaging Your Audience: Empathy & Clarity,” Plenary for new Dell Medical faculty

10/15 Philadelphia, PA Jefferson Medical “Engaging Your Audience: Empathy & Clarity,” plenary and all day workshop for interprofessional faculty and medical students
10/15 Morgantown, WV
WV Medicine
“Engaging Your Audience: Empathy & Clarity,” plenary and all day workshop for 50 interprofessional faculty from multiple disciplines – improvisation and distilling.

10/15 Palo Alto, CA
Stanford Medicine
“Engaging Your Audience: Empathy & Clarity,” plenary and all day workshop for 50 residents and faculty from multiple disciplines – improvisation and medical distilling.

10/15 Stony Brook, NY
Stony Brook Medicine
“Engaging Your Audience: Empathy & Clarity,” plenary and all day workshop for 50 OBGYN faculty, residents, midwives and nurse practitioners – improvisation and medical distilling.

9/15 Chicago, Ill
University of Chicago Medical School
“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” interdisciplinary plenary for medical school faculty and students, two 3-hour Distilling Your Message and improvisation break-out sessions.

9/15 Austin Texas
UT-Austin
“Engaging Your Audience: Empathy & Clarity,” plenary for UT-Austin TIME initiative - 6 medical schools partnered with undergraduate programs for 6 year medical program.

9/15 Boston University

7/15 Washington DC
NAS/NSF
Facilitator for Distilling your Message workshop for senior Scientists.

6/15 Stony Brook University
Alan Alda Center for Communicating Science Boot Camp – Distilling Your Message and storytelling Workshops.

6/15 Stony Brook University
Alan Alda Center for Communicating Science Summer Institute – Media Training Workshop, Distilling Your Message Workshop.

5/15 Stony Brook, NY
Stony Brook Medicine
2015 Stony Brook Medicine Pediatric Research Day – judge for platform presentations and poster session.

5/15 Stony Brook, NY
Stony Brook Medicine
Coached 3 pediatric residents for their Ted-like Talk presentations for 2015 pediatric research day.

5/15 New York, NY
Columbia University
Facilitator for Distilling your Message workshop for senior Scientists at Kavli Institute.

5/15 Ann Arbor, MI
U Michigan Medicine
Trained 180 medical students in communicating science in a two day workshop during their transition to clinical year’s orientation.

4/15 San Diego, CA
Pediatric Academic Society
“What do you do all day? - advocating and communicating about pediatric scientific research,” – panel presentation for the advocacy committee of the Pediatric Academic Society – 2015 annual meeting.

4/15 Stony Brook Medicine
“Distilling Your Message for Greater Rewards,” Second year medical students annual retreat.

4/15 Stony Brook Medicine
Pediatric residency training – Ted-like talks for Pediatric Research Day.
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>3/15</td>
<td>Boston, MA</td>
<td>“Distilling Your Message for the Media,” Experimental Biology Conference sponsored by the American Physiological Society</td>
</tr>
<tr>
<td>3/15</td>
<td>Stony Brook, NY</td>
<td>The Empowerment Project Film and Panel Discussion, Panelist</td>
</tr>
<tr>
<td>1/15</td>
<td>Bethesda, MD NHLBI -NIH</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” interdisciplinary plenary for junior and senior NIH scientists, Led 2, 3-hour Distilling Your Message break-out sessions</td>
</tr>
<tr>
<td>1/15</td>
<td>San Diego, CA UCSD - Kavli</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” plenary for PhD and post-docs from UCSD. Led 2, 3-hour Distilling Your Message break-out sessions for senior faculty in the sciences and medicine From UCSD, Kavli Institute. Scripps Institute and Salk Institute.</td>
</tr>
<tr>
<td>1/15</td>
<td>Irvine, CA UC Irvine Medicine</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” plenary for PhD and MD PhD students. Led 3-hour improvisation session for MD PhD students</td>
</tr>
<tr>
<td>12/14</td>
<td>Stony Brook, NY Stony Brook Medicine</td>
<td>“Distilling Your Message: The Importance of Translating your Work for Greater Rewards,” Preventive Medicine residents, Stony Brook Medicine</td>
</tr>
<tr>
<td>12/14</td>
<td>Argonne National Lab School of Medicine</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” Led 2, 3-hour Distilling Your Message break-out sessions.</td>
</tr>
<tr>
<td>11/14</td>
<td>Northwestern University Chicago, IL</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” American College of Physicians, Illinois Chapter – all-day workshop for 20 physicians</td>
</tr>
<tr>
<td>11/14</td>
<td>AAMC Chicago, IL</td>
<td>Alda Center Communicating Science Dean’s Meeting</td>
</tr>
<tr>
<td>10/14</td>
<td>Boston University School of Medicine Boston, MA</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” interdisciplinary plenary for junior and senior faculty in the sciences, Medicine, dental medicine &amp; communications. Led 2, 3-hour Distilling Your Message break-out sessions.</td>
</tr>
<tr>
<td>10/14</td>
<td>University of Kentucky Lexington, Ky</td>
<td>“Distilling Your Message for Greater Rewards,” Plenary – Gill Heart Institute 17th Annual Research Day</td>
</tr>
<tr>
<td>10/14</td>
<td>University of Wisconsin Madison WI</td>
<td>“Communicating Science: Why Bother?” panelist discussion - Wisconsin Science Festival</td>
</tr>
<tr>
<td>10/14</td>
<td>University of Wisconsin Madison, WI</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” interdisciplinary plenary for junior and senior faculty in the sciences, Medicine, veterinary medicine &amp; the arts. Led 2, 3-hour Distilling Your Message break-out sessions.</td>
</tr>
<tr>
<td>9/14</td>
<td>Stony Brook University Stony Brook, NY</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” Biomedical Engineering undergraduates</td>
</tr>
</tbody>
</table>
6/14 Career Center Stony Brook, NY “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” undergraduates participating in NSF REU & Explorations in STEM Sponsored summer research projects

6/14 KICP/U. of Chicago Chicago, Ill Alda Center for Communicating Science one day workshop for PhD students in Astronomy – KICP EO Summer School

6/14 Stony Brook University Alan Alda Center for Communicating Science Summer Institute – Distilling Plenary Lecture, Media Training Workshop, Distilling Your Message Workshop

6/14 Stony Brook Medicine Stony Brook, NY “Communicating Science of Iraq Afghanistan War Lung Injury (IAW-LI),” panelist

6/14 FASEB Crystal City, VA “Enhancing the Communication Skills of Scientists,” Federation of American Societies for Experimental Biology, plenary


5/14 Indiana University Indianapolis, IN “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” interdisciplinary plenary for junior and senior faculty in the sciences and medicine & led Distilling Your Message Workshop

3/14 Stony Brook University Hillel Moderator for of lecture given by Dr. Gil Atzmon, Albert Einstein College of Medicine “Jewish Genes: What Secrets do they Tell Us,” Jewish University for a Day 2014

3/14 U Penn Philadelphia, PA “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” interdisciplinary plenary for junior faculty in the sciences and medicine

3/14 Villanova Radnor, PA “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” interdisciplinary plenary for junior and senior faculty in the sciences & led Distilling Your Message Workshop

1/14 ACPM New Orleans, LA “Around the Preventive Medicine World in 80 minutes: Speed-Networking,” mentor - American College of Preventive Medicine 2014 annual meeting

1/14 Stony Brook Medicine School of Dentistry “Distilling Your Message: The Importance of Translating Your Work for Greater Rewards,” first year dental students

1/14 Stanford University KIPAC Communicating Science three day workshop – led Distilling Your Message, Media Training and Communicating with Legislators workshops for 60 Senior and Junior faculty in Physics, Math and biological sciences

Page 15 of 20
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/14</td>
<td>Stony Brook Medicine</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rewards,” Psychiatry Grand Rounds</td>
</tr>
<tr>
<td>12/13</td>
<td>MS Society of Canada Montreal,</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater</td>
</tr>
<tr>
<td></td>
<td>Canada</td>
<td>Rewards,” 140 Post-docs at the annual MS Society meeting.</td>
</tr>
<tr>
<td>12/13</td>
<td>The Field Museum Chicago, Ill</td>
<td>Distilling Your Message and Media Skills Workshop – Two day workshop for 20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>evolutionary biologists, geologists and anthropologists.</td>
</tr>
<tr>
<td>11/13</td>
<td>AAMC Annual meeting Philadelphia, PA</td>
<td>“Selling Your Dream to Donors and Funders: A Cocktail Party”</td>
</tr>
<tr>
<td>10/13</td>
<td>SEAK Chicago, Ill</td>
<td>“Superior Communication Skills to Facilitate Your Career Transition,” Non-Clinical</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Careers for Physicians – 400 physicians representing all specialties</td>
</tr>
<tr>
<td>9/13</td>
<td>Kavli Institute for Cosmological</td>
<td>Communicating Science four day workshop – led media training and distilling your</td>
</tr>
<tr>
<td></td>
<td>Physics University of Chicago,</td>
<td>message workshops for Senior and Junior faculty in Physics, Math and biological</td>
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<td></td>
<td>Ill</td>
<td>sciences.</td>
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<tr>
<td>9/13</td>
<td>Stony Brook University Stony</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater</td>
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<tr>
<td></td>
<td>Brook, NY</td>
<td>Rewards,” Biomedical Engineering Course</td>
</tr>
<tr>
<td>7/13</td>
<td>Career Center Stony Brook, NY</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rewards,” undergraduates participating in NSF REU &amp; Explorations in STEM sponsored</td>
</tr>
<tr>
<td></td>
<td></td>
<td>summer research projects</td>
</tr>
<tr>
<td>7/13</td>
<td>L’Oreal USA Clarke, NJ</td>
<td>Distilling Your Message Workshop</td>
</tr>
<tr>
<td>7/13</td>
<td>L’Oreal USA Clarke, NJ</td>
<td>“Distilling Your Message: The Importance of Translating Your Work for Greater</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rewards,” Plenary</td>
</tr>
<tr>
<td>6/13</td>
<td>Stony Brook, NY</td>
<td>Alan Alda Center for Communicating Science Summer Institute – Distilling Plenary</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lecture, Media Training Workshop, Distilling Your Message Workshop</td>
</tr>
<tr>
<td>5/13</td>
<td>Brookhaven, NY Brookhaven</td>
<td>Distilling Your Message Workshop, NSLS/CFN Conference</td>
</tr>
<tr>
<td></td>
<td>National Labs</td>
<td>“Distilling Your Message: The Importance of Translating your Work for Greater</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rewards,” NSLS/CFN Conference</td>
</tr>
<tr>
<td>5/13</td>
<td>Brookhaven NY Brookhaven</td>
<td>“Alan Alda Center for Communicating Science,” plenary speaker, NSLS/CFN Conference</td>
</tr>
<tr>
<td></td>
<td>National Labs</td>
<td></td>
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<tr>
<td>4/13</td>
<td>Stony Brook, NY Hillel</td>
<td>“My Daughter the Jewish Doctor,” panel moderator, Jewish University for the Day</td>
</tr>
<tr>
<td>4/13</td>
<td>Boston, MA</td>
<td>“Distilling Your Message for the Public,” Experimental Biology Conference sponsored</td>
</tr>
<tr>
<td></td>
<td></td>
<td>by the American Physiological Society</td>
</tr>
</tbody>
</table>
4/13             Stony Brook, NY             “Crosstalk: Talking across Disciplines” Converging Science Summit plenary
Stony Brook University

4/13             Stony Brook, NY             Distilling Your Message Workshop, Ecohealth Alliance

4/13             Stony Brook, NY             “Future Leaders are Effective Communicators,” Living Book Program

4/13             Stony Brook, NY School of Dentistry             “Distilling Your Message: The Importance of Translating your Work for Greater Rewards,” Dental School annual symposium

3/13             Fort Lauderdale, FL AAMC             “Communicating the Value of Fundamental Research to the Public and Policy Makers,” Council of Academic Societies Spring Meeting

1/13             New York, NY Mount Sinai School of Medicine             “Distilling Your Message: The Importance of Translating your work for Greater Rewards,” Professional Development Education for PhD candidates and Post-Docs

12/12             Syracuse, NY SUNY Syracuse             “Distilling Your Message Workshops,” two workshops for PhD students
Syracuse, NY SUNY Syracuse             - Career Development Day, School of Graduate Studies

12/12             Stony Brook, NY Stony Brook Medicine             “Distilling Your Message: The Importance of Translating your Work for Greater Rewards,” Family Medicine grand rounds

12/12             New York, NY Mount Sinai School of Medicine             “Distilling Your Message: The Importance of Translating your Work for Greater Rewards,” Preventive Medicine grand rounds

11/12             New York, NY Rockefeller Institute             “Distilling Your Message Workshop,” 8 PhD students, and post-docs

11/12             Stony Brook, NY Stony Brook Medicine             “Distilling Your Message: The Importance of Translating your Work for Greater Rewards,” Nursing Grand Rounds, Stony Brook Medicine

11/12             San Francisco, CA BCERP NIH             Distilling Your Message Workshop – two sessions
Breast Cancer and the Environment Research Program annual meeting, NIH

11/12             San Francisco, CA BCERP NIH             “Distilling Your Message Plenary: An Interactive Session on Communicating Science,”
Breast Cancer and the Environment Research Program annual meeting, NIH


8/12             Stony Brook, NY Stony Brook Medicine             “Distilling your Message: Emergency Medicine Physicians on the Frontline of Communication,” two emergency medicine faculty meetings.
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/12</td>
<td>Providence, R.I.</td>
<td>American Phyto-Pathological Society Plenary: The Importance of Translating your Work for Greater Rewards, Main plenary for 1,600 APS members at annual meeting.</td>
</tr>
<tr>
<td>8/12</td>
<td>Atlanta, Georgia</td>
<td>CDC &quot;Connecting with the Community: How to Engage the Community in Your Research and Outreach&quot; – Accepted poster presentation, 2012 National Conference on Health Communication, Marketing and Media.</td>
</tr>
<tr>
<td>6/12</td>
<td>New York, NY</td>
<td>New York-Presbyterian Hospital &amp; Weill Cornell Medical College Distilling Your Message Grand Rounds: The Importance of Translating your Work for Greater Rewards, Annual Anthony Paul Williams Memorial Lecture in Wilderness Medicine, Department of Emergency Medicine hospital-wide grand rounds.</td>
</tr>
<tr>
<td>6/12</td>
<td>Stony Brook, NY</td>
<td>Stony Brook Medicine Leaders in Medicine are Effective Communicators, Scholarly Concentrations Program Summer Welcome and Program Kick-Off.</td>
</tr>
<tr>
<td>6/12</td>
<td>Uniondale, NY</td>
<td>Nassau County Health Department Connecting with the Community Workshop: Public Health Perspective, NYC, LI, Tri-County Public Health Training Center</td>
</tr>
<tr>
<td>3/12</td>
<td>Bethesda MD</td>
<td>National Cancer Institute Distilling Your Message Colloquium: The Importance of Translating your Work for Greater Rewards, CR-FYI Colloquium – 60 NIH fellows</td>
</tr>
<tr>
<td>3/12</td>
<td>Stony Brook, NY</td>
<td>Stony Brook Medicine Distilling Your Message: The Importance of Translating your Work for Greater Rewards, OBGYN Grand Rounds, Stony Brook Medicine</td>
</tr>
<tr>
<td>2/12</td>
<td>Stony Brook, NY</td>
<td>Stony Brook Medicine Distilling Your Message: The Importance of Translating your Work for Greater Rewards, Preventive Medicine residents, Stony Brook Medicine</td>
</tr>
<tr>
<td>2/12</td>
<td>Stony Brook, NY</td>
<td>Stony Brook Medicine Distilling Your Message: The Importance of Translating your Work for Greater Rewards, Pediatric Grand Rounds, Stony Brook University Medicine</td>
</tr>
<tr>
<td>10/11</td>
<td>Cincinnati, Ohio</td>
<td>University of Cincinnati Distilling Your Message: The Importance of Translating your Work for Greater Rewards, University of Cincinnati School of Medicine</td>
</tr>
<tr>
<td>10/11</td>
<td>Cincinnati, Ohio</td>
<td>University of Cincinnati Distilling Your Message Workshop, University of Cincinnati School of Medicine</td>
</tr>
<tr>
<td>10/11</td>
<td>Cincinnati, Ohio</td>
<td>University of Cincinnati Cool Science: Communicating Hot Topics in a Science Phobic world, Provost Lecture Series</td>
</tr>
<tr>
<td>7/11</td>
<td>Bethesda, MD</td>
<td>NIH Communicating Science, keynote speaker – NIEHS Partnerships for Environmental Public Health – Environmental Health Communication: Methods, Research and Training</td>
</tr>
<tr>
<td>6/11</td>
<td>Stony Brook University School of Journalism</td>
<td>Distilling Your Message Workshop, Center for Communicating Science Summer Institute</td>
</tr>
<tr>
<td>3/11</td>
<td>Stony Brook Medicine</td>
<td>Leaders in Medicine are Effective Communicators, Rising Leaders in Medicine Medical School Elective, 1st and 2nd year medical students</td>
</tr>
</tbody>
</table>
11/10  Stony Brook Medicine  “Communicating Science and Medicine to the Public,” – Center for Communicating Science all day workshop – Coordinator

11/10  Stony Brook Medicine  “Connecting with the Community Workshop,” – Center for Communicating Science workshop

10/10  Stony Brook Medicine  “How to Connect with the Community,” – Second year medical students MCS course


6/09  Stony Brook Medicine  “Hot Topics in Pediatric Environmental Health,” - Pediatric Grand Rounds

6/09  Stony Brook Medicine  “Psychogenic Illness in Response to Pandemic or Mass Biological Exposure: Development of Experimental Model,” – Preventive Medicine CME

3/09  Stony Brook Career Center  “Combining a Career in Medicine and Communications”

2006-2009  Stony Brook Medicine  “Pediatrics & Prevention,” annual lecture in Foundations of Medical Practice course to first year medical students

5/06  Stony Brook Pediatric Asthma Project  Asthma Education lecture to NYC public school teachers

3/06  Stony Brook School of Medicine  “Overweight Children: an Epidemic,” first year pediatric clinical rotation

1/05  Stony Brook Medicine  “Environmental Causes of Childhood Obesity,” Preventive Medicine Residents

5/05  Wyandanch Martin Luther King, Jr. Community Health Center  “Environmental Causes of Childhood Obesity”

5/05  Shirley Marilyn Shellabarger South Brookhaven Family Health Center East  “Environmental Causes of Childhood Obesity”

3/05  Coram Elsie Owens North Brookhaven County Health Center  “Environmental Causes of Childhood Obesity”
Evonne Kaplan-Liss, M.D., M.P.H.

11/04  Stony Brook Medicine Preventive Medicine Residency  
       “Isn’t Hepatitis B Preventable?”

11/03  Columbia University Mailman School of Public Health  
       “Get up, Get Active, Play – Move Your Body Everyday”

10/03  Stony Brook Medicine Preventive Medicine Residency  
       “Green Communities”

The information presented above is an accurate compilation of professional biographical information.

Evonne Kaplan-Liss M.D. M.P.H  
Signature of Candidate Date  
12/1/16
Curriculum Vitae

Kevin J. Kunkler, MD, MS

CURRENT TITLE: Chair Joint Program Committee – 1 (JPC-1)
Portfolio Manager: Medical Simulation and Information Sciences Research Program
Instructor – Univ. of Maryland, School of Medicine, Dept. of Surgery

Chronology of Education

UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1984-1988</td>
<td>B.A. Mathematics &amp; Chemistry (Phi Beta Kappa)</td>
<td>Indiana University College of Arts &amp; Science, Bloomington, IN</td>
</tr>
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</table>

GRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1988-1992</td>
<td>Doctor of Medicine</td>
<td>Indiana University School of Medicine, Indianapolis, IN</td>
</tr>
<tr>
<td>2009-2013</td>
<td>Masters - Bioscience Regulatory Affairs</td>
<td>Johns Hopkins University, Zanvyl Krieger School of Arts and Science, Baltimore, MD</td>
</tr>
</tbody>
</table>

POSTGRADUATE TRAINING:

<table>
<thead>
<tr>
<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
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</thead>
<tbody>
<tr>
<td>1992-1994</td>
<td>Residency, General Surgery</td>
<td>Vanderbilt University Medical Center, Nashville, TN</td>
</tr>
</tbody>
</table>
## Chronology of Employment

### PROFESSIONAL EXPERIENCE:

<table>
<thead>
<tr>
<th>Years</th>
<th>Title(s)</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995-1999</td>
<td>Director of Operations, Owner (Minority)</td>
<td>Utilitote, Inc., Stallings, NC</td>
</tr>
<tr>
<td>1997-1999</td>
<td>Partner / Project Manager</td>
<td>Business Management Network, Matthews, NC</td>
</tr>
<tr>
<td>2000-2002</td>
<td>Clinical Education Specialist</td>
<td>Immersion Medical, Gaithersburg, MD</td>
</tr>
<tr>
<td>2002-2004</td>
<td>Assistant Medical Director</td>
<td></td>
</tr>
<tr>
<td>2002-2004</td>
<td>Medical Director</td>
<td></td>
</tr>
<tr>
<td>2004-2009</td>
<td>Vice President &amp; Medical Director</td>
<td></td>
</tr>
<tr>
<td>2009-2013</td>
<td>Visiting Instructor (Non-Tenure)</td>
<td>Univ. of Maryland School of Medicine, Baltimore, MD</td>
</tr>
<tr>
<td>2009-2012</td>
<td>Sr. Subject Matter Expert &amp; Contracting / Grants Officer Representative</td>
<td>US. Army Medical Research &amp; Materiel Command (MRMC), Telemedicine and Advanced Technology Research Center (TATRC), Fort Detrick, MD</td>
</tr>
<tr>
<td>2012-Present</td>
<td>Chair: Medical Simulation &amp; Training Steering Committee / Medical Modeling, Simulation, and Training Portfolio Manager</td>
<td>Defense Health Program, Joint Program Committee 1 (JPC-1) / Medical Simulation &amp; Information Sciences (MSIS) Research Program, Fort Detrick, MD</td>
</tr>
<tr>
<td>2013-Present</td>
<td>Instructor (Non-Tenure)</td>
<td>Univ. of Maryland School of Medicine, Baltimore, MD</td>
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</table>

### CURRENT TEACHING RESPONSIBILITIES:

<table>
<thead>
<tr>
<th>Years</th>
<th>Course/Site</th>
<th>Role</th>
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</thead>
<tbody>
<tr>
<td>2009-Present</td>
<td>Univ. of Maryland, School of Medicine, Dept. of Surgery</td>
<td>Instructor</td>
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</table>

### Honors and Awards

<table>
<thead>
<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>1988</td>
<td>Phi Beta Kappa recipient</td>
<td>Phi Beta Kappa</td>
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</tbody>
</table>
## ADMINISTRATIVE EXPERIENCE

### Professional & Scientific Committees

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-Present</td>
<td>Medical Simulation &amp; Training Steering Committee (Programmatic) / Chair</td>
<td>Defense Health Program, Joint Program Committee 1 (JPC-1), Fort Detrick, MD, United States</td>
</tr>
<tr>
<td>2015-Present</td>
<td>Human Factors &amp; Medicine (HFM) 242, “Technology Alternatives for Medical Training” / Panel Member</td>
<td>North Atlantic Treaty Organization (NATO)</td>
</tr>
</tbody>
</table>

### Grant Review Committee/Study Sections

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-2012</td>
<td>Programmatic Review Board: Congressional Special Interest (CSIs), Broad Agency Announcement (BAA), &amp; Advanced Medical Technology Initiative (AAMTI) / Scientific Reviewer &amp; Panel</td>
<td>US Army Medical Research and Materiel Command (MRMC), Telemedicine and Advanced Technology Research Center (TATRC), Fort Detrick, MD, USA</td>
</tr>
<tr>
<td>2012-Present</td>
<td>Joint Program Committee 1 (JPC-1) Steering Committee (Programatic Review) / Chiar</td>
<td>Defense Health Program, Joint Program Committee 1 (JPC-1), Fort Detrick, MD, USA</td>
</tr>
<tr>
<td>2016 – Present</td>
<td>Novice Research Grants / Vice Chair &amp; Reviewer</td>
<td>Society for Simulation in Healthcare, Washington DC, USA</td>
</tr>
</tbody>
</table>

### Symposium/Meeting Chair/Coordinator

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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</thead>
<tbody>
<tr>
<td>2011</td>
<td>Continuing Clinical Competency Symposium / Co-Chair</td>
<td>Medicine Meets Virtual Reality, Newport Beach, CA, USA</td>
</tr>
<tr>
<td>2012</td>
<td>Clinical Skills Sustainment and Medical Simulation Training / Co-Chair</td>
<td>Military Health System Research Symposium, Fort Lauderdale, FL, USA</td>
</tr>
<tr>
<td>2015</td>
<td>Military Medical Skills Acquisition &amp; Sustainment</td>
<td>Military Health System Research Symposium, Fort Lauderdale, FL, USA</td>
</tr>
<tr>
<td>2016</td>
<td>Team Performance Training / Chair</td>
<td>Military Health System Research Symposium, Kissimmee, FL, USA</td>
</tr>
<tr>
<td>2017</td>
<td>Interagency Modeling and Analysis, 10th Anniversary, Multi-Scale Modeling / Panel Co-Chair</td>
<td>National Institute of Health, Bethesda, MD, USA</td>
</tr>
</tbody>
</table>

Kevin J. Kunkler, MD,MS

20-Jan-2017
<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution/Organization, City, State,</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-Present</td>
<td>Research Committee / Vice Chair (2015-2017)</td>
<td>Society for Simulation in Healthcare, Washington DC, USA</td>
</tr>
</tbody>
</table>
Active Grants
Not applicable

Pending Grants
Not applicable

Past Grants
None

Active Contracts
Not applicable

Pending Contracts
Not applicable

Past Contracts

09/22/2003 - 09/22/2005
DAMD1703-C-0052: Advanced Ureteroscopy Simulation Workstation for Medical
$829.9K: Dept. of Defense / Office of the Secretary of Defense – Small Business Innovative Research (SBIR) – Phase II
Role: Principal Investigator

07/01/2003 - 06/30/2005
2 R44DK055447-02A1: Simulation of Therapeutic Endoscopic Retrograde Cholangio-Pancreatography (ERCP)
$493K: Dept. of Health & Human Services – National Institute for Health (NIH) - Small Business Innovative Research (SBIR) – Phase II
Role: Principal Investigator

12/14/2001 – 06/14/2005
DAMD1702-C-00338: Needle Thoracentesis Simulation Workstation for Medical Training
$849.8K: Dept. of Defense / Office of the Secretary of Defense – SBIR Phase I & II
Role: Principal Investigator

12/03/2001 – 03/31/2005
DAM1702-C-0003: Medical/Surgical, Mission Modeling and Simulation
$599.8K: Dept. of Defense / Office of the Secretary of Defense – Small Business Technology Transfer (STTR) Phase II
Role: Principal Investigator

07/01/2003 - 06/30/2005
R44HD038223-03: Diagnostic and Operative Hysteroscopy Simulator
$380.4K: Dept. of Health & Human Services – NIH - SBIR – Phase II
Role: Principal Investigator

06/14/2004 – 12/12/2004
W81XWH-04-C-0120: Fractured Femur Simulator
$100K: Dept. of Defense / Office of the Secretary of Defense – SBIR – Phase I
Role: Principal Investigator
ANNOUNCEMENT (Assistance Agreements) and SOLICITATION (Research Contracts) TOPIC AUTHOR

W81XWH-10-JPC-MEDSIM-CCTC
JPC1-MedSim Combat Casualty Training Consortium
Defense Health / Dept. of Army / RDT&E
$15,200,000 (19 Nov 2010)

W81XWH-12-JPC1-MPI-PSD
Medical Practice Initiative – Procedural Skill Decay and Maintenance (MPI-PSD)
Defense Health / Dept. of Army / RDT&E
$4,000,000 (19 April 2012)

W81XWH-12-JPC1-DTME-PRP
Developer Tools for Medical Education Public Physiology Research Platform (DTME-PRP)
Defense Health / Dept. of the Army / RDT&E
$7,000,000 (26 Apr 2012)

W81XWH-13-R0032- AMM
Advanced Modular Manikin (AMM)
Defense Health / Dept. of the Army / RDT&E
$7,200,000 for Phase I (28 Aug 2013)
$8,000,000 for Phase II

W81XWH-13-JPC1-MPI-ARM
Medical Practice Initiative Augmented Reality for Medical Applications (MPI-ARM)
Defense Health / Dept. of the Army / RDT&E
$3,250,000 (21 Mar 2013)

W81XWH-14-JPC1-VTA
Virtual Tissue Advancement (VTA)
Defense Health / Dept. of the Army / RDT&E
$7,200,000 (14 Feb 2014)

W81XWH-14-DMRDP-JPC1-TPT
Team Performance Training (TPT) Research Initiative
Defense Health Agency / Defense Medical Research and Development Program
$3,450,000 (15 Dec 2014)

W81XWH-15-DMRDP-JPC1-JRoute
Joint En Route Care Training System of Systems Initiative: Hand-Offs, Patient Transfers, and Systems Interoperability
Defense Health Agency / Defense Medical Research and Development Program
$3,000,000 (13 March 2015)

W81XWH-15-DMRDP-MSIS-REALMETRX
Metrics: Transitioning Training to Reality
Defense Health Agency / Defense Medical Research and Development Program
$3,200,000 (11 June 2015)
W81XWH-15-DMRDP-MSIS-SimMarkers  
Medical Decision Aids – Predictive Markers  
Defense Health Agency / Defense Medical Research and Development Program  
$2,400,000 (11 June 2015)

W81XWH-15-DMRDP-MSIS-ATUMN  
Adaptive Tutor Using Methodologies for Neuroplasticity  
Defense Health Agency / Defense Medical Research and Development Program  
$3,000,000 (29-July-2015)

W81XWH-16-R-MSI1  
Predictive Personality & Emotional State Performance Determinants for Training (PREEMPT)  
Defense Health Agency / Defense Medical Research and Development Program  
$2,500,000 (28-Mar-2016)

W81XWH-16-DMRDP-MSIS-TRA  
Translational Simulation Research (TRANSfeR) Award  
Defense Health Agency / Defense Medical Research and Development Program  
$1,800,000.00 (10-Aug-2016)

W81XWH-16-DMRDP-MSIS-MAT  
Developing Models for Military and/or Civilian Medical Training from Field Data Collected from Sensors (MATADOR)  
Defense Health Agency / Defense Medical Research and Development Program  
$2,200,000.00 (16-Sept-2016)

W81XWH-17-R-MSI1  
Utilizing Machine Learning and Artificial Intelligence for Medical Training Needs (MACH Learning)  
Defense Health Agency / Defense Medical Research and Development Program  
$1,600,000.00 (9-Dec-2016)

SBIR / STTR TOPIC AUTHOR

OSD10-H06  
Development and Integration of Next Generation Haptics into Medical Simulators  
Office of Secretary of Defense / Small Business Innovative Research  
$2,000,000 (17 Aug 2009)

DHP12-002  
Integrated Sensor Technology into Synthetic Anatomical Training Models for Objective User's Performance Measurement  
Defense Health Program / Small Business Innovative Research  
$1,450,000 (3 May 2012)

DHP12-001  
Junctional and Non-Compressible Hemorrhage Control Training System  
Defense Health Program / Small Business Innovative Research  
$1,750,000 (3 May 2012)

DoD 2016.A: DHP16A-001  
Bio-mathematical Models of Aggregated Tissues & Organ Properties  
Defense Health Program / Small Business Technology Transfer (STTR)  
$450,000 (11 Dec 2015)
TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

<table>
<thead>
<tr>
<th>Inclusive years (2013-2013)</th>
<th>Skills Lab Curricula</th>
<th>Course is taught each 3rd year rotation</th>
<th>Medical Students (rotating through general surgery)</th>
<th>Six (6) to ten (10) per course</th>
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<tbody>
<tr>
<td></td>
<td>- Principles of asepsis</td>
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<td>- Intracorporal &amp; Extracorporeal Knot Tying</td>
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<td></td>
<td>- Needle Driving &amp; Anastomosis</td>
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</tbody>
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Laboratory Teaching

<table>
<thead>
<tr>
<th>Inclusive years (1990)</th>
<th>Physiology Lab (Nursing)</th>
<th>Summer</th>
<th>Nursing Students</th>
<th>Approx. 24</th>
</tr>
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PEER-REVIEWED JOURNAL ARTICLES


NON PEER-REVIEWED JOURNAL ARTICLES


JOURNAL EDITOR


PENDING BOOKS / PUBLICATIONS

Book(s)


Abstract(s)


ORAL PRESENTATIONS

Keynote/Plenary Lectures/Meeting Presentaions

*The gaps of open architecture digital interactive virtual human models*. 7th International Conference on Applied Human Factors and Ergonomics. 31-July-2016. Orlando, FL.


*The Evolution of Medical Training Simulation in the U.S. Military*, Medicine Meets Virtual Reality (17-Apr-2016), Los Angeles, CA

*Government Agencies Advancing Medical Modeling, Simulation, Education, and Training* 15th International Meeting on Simulation in Healthcare (IMSH) (12-Jan-2015), New Orleans, LA

*Defense Department R & D in Medical Modeling, Simulation, and Training* 15th International Meeting on Simulation in Healthcare (IMSH) (12-Jan-2015), New Orleans, LA

Overview of the Medical Practice Initiative Strategic Plan
Military Health System Research Symposium (MHSRS) (19-Aug-2014), Ft. Lauderdale, FL

Metrics; Endpoints; Methods of Validation for Medical Training
Navy Central Simulation Committee Workshop (June 15-18, 2014), Portsmouth, VA

Summary of DHP / JPC-1 Medical Simulation Validation Programs
Alliance for Surgical Simulation in Education and Training (Feb. 22, 2014), Manhattan Beach, CA

Future Medical Simulation Research Plans of the Defense Department
21st Medical Meets Virtual Reality Conference (Feb. 19, 2014), Manhattan Beach, CA

Tackling Pressing Defense Medical Simulation & Training Knowledge Gaps: A Roadmap for the Future
14th International Meeting on Simulation in Healthcare (Jan. 27, 2014), San Francisco, CA

Defense Health Program Strategic Review and Analysis
Presentation to members of the Defense Health Agency (Sept. 2013), Fort Detrick, MD

Joint Program Committee 1: Overview and Updates
13th International Meeting on Simulation in Healthcare (Jan. 29, 2013), Orlando, FL

Clinical Competency Degradation
Designing and Using Computer Simulations in Medical Education and Training Workshop (May 17, 2011), Los Angeles, CA
TRAINING AND EDUCATION

Texas Christian University  
Bachelor of Arts: Biology, Minor: Spanish, Summa Cum Laude  
Honors And Achievements: Phi Beta Kappa, Texas Christian University Dean’s Scholarship

University of Texas-Southwestern Medical School  
Doctorate of Medicine  
Honors and Achievements: AOA member, Class President 2002-2005

Carolinas Medical Center  
Resident Physician: Emergency Medicine  
Chief Resident: Emergency Medicine

Comprehensive Instructor Course for Medical Simulation  
Harvard Medical School, Boston, MA

Emergency Medicine Basic Research Skills Course (EMBRS)  
American College of Emergency Physicians

Graduate Course in Healthcare Simulation  
Harvard Medical School, Boston, MA

Medical Education Research Certification (MERC)  
Council of Residency Directors-Emergency Medicine (CORD)

Masters of Health Professions Education (MHPE) Program-In Process  
University of Illinois-Chicago Medical School

PROFESSIONAL EXPERIENCE

John Peter Smith Health System  
Vice Chair of Academics  
Program Director, Emergency Medicine

Carolinas Medical Center-  
Director of Medical Simulation-Emergency Medicine  
Associate Director of the Carolinas Simulation Center  
Charlotte Longitudinal Integrated Curriculum Thread Director  
Assistant Professor, Core Faculty

Carolinas Medical Center Cardiac Rehabilitation, Charlotte, NC – Supervising Physician

Texas Christian University, Fort Worth, TX- Anatomy and Physiology Teaching Assistant
AWARDS and GRANTS

Society for Academic Emergency Medicine Education Fellowship Grant -150,000$ Career Development Research Grant 2012-2014
JPS Research Day Best Oral Presentation 2014
Carolinias Medical Center for Faculty Excellence Simulation Educator of the Year 2012
Resident Teacher of the Year- Carolinas Medical Center 2008
SAEM Medical Student Excellence Award 2005
University of Texas- Southwestern Dean’s Competitive Scholarship 2001
Student Employee of the Year, NASA Johnson Space Center 1996

LEADERSHIP EXPERIENCE
Practitioner Satisfaction Committee Chair- JPS 2016-present
Chair of JPS Institutional Review Board (IRB) 2015-present
Difficult Airway Course National Faculty 2015-present
Program Committee- Society of Academic Emergency Medicine 2009-present
Innovations in Emergency Medicine Education (IEME) Committee Co-Chair 2009-2015
Introduction to Acute Care- UNC Medical School Charlotte Campus Course Director 2011-2014
Charlotte Longitudinal Integrated Curriculum Simulation Thread Director 2012-2014
Charlotte Curriculum Committee-University of North Carolina Medical School 2011-2014
CMC Intern Common Critical Care Curriculum-Co-Director 2011-2014
Director of Journal Club- Department of Emergency Medicine 2009-2014
Peer Reviewer- Simulation in Healthcare 2009-2014
House Staff Liaison Committee Member 2005-2008

CURRICULUM DEVELOPMENT
Department of Emergency Medicine Simulation Curriculum 2008-2014
Over the last 3 years, my partner and I have collectively developed approximately 120 unique cases, based upon the Emergency Medicine Model of Clinical Practice, to be used in a unified three-year high-fidelity medical simulation curriculum for residents and students. These simulation topics include critical actions and address the ACGME core competencies in addition to procedural competencies. Also, we have implemented a novel design of hybrid simulation, using actors to portray family members of the simulated patient allowing the learner to have the most realistic opportunity to develop both clinical and deliberate communication skills. The hybrid simulation modality has been used to teach such IPR skills as death notification, medical error disclosure, and intimate partner violence screening and intervention. Each resident spends approximately 30 hours per year at the simulation center. Over the three years of development, these cases have been used to teach all learner levels, including medical students, residents, fellows and faculty.

Department of Emergency Medicine Intern “Resuscitation Boot Camp” 2010-2015

This yearly curriculum was developed to teach advanced resuscitation and team management skills to prepare graduating interns for the increased responsibilities associated with becoming upper level residents. Each intern has one-on-one deliberate practice at managing a code team and caring for critically-ill patients with small group debriefing from faculty.

Carolinas Medical Center Intern Critical Care Curriculum 2011-2014

This unique curriculum was developed for all interns caring for adult patients in the ICU at Carolinas Medical Center. It is comprised of 12 unique high-fidelity simulation cases with emphasis on patient management, procedural ability and teamwork and communication skills. Interns are required to demonstrate competence in the broad range of skills evaluated through this curriculum before being eligible to serve as an upper-level ICU resident. Over 50 interns from 6 different medical and surgical disciplines participate in this curriculum.

Charlotte Curriculum Committee/Longitudinal Integrated Curriculum Sub-committee 2011-2014

Carolinas Medical Center has been deemed an official satellite campus for the University of North Carolina (UNC) Medical School and has UNC medical students completing their third and fourth year rotations at CMC. I was chosen to be a part of the core curriculum planning committee, and was instrumental in developing the novel Charlotte Longitudinal Integrated Curriculum (CLIC) for Carolinas Medical Center.

INVITED INTERNATIONAL LECTURE

Social Media and Critical Care (SMACC) Conference- Dublin, Ireland 2016


BIBLIOGRAPHY and RESEARCH ENDEAVORS


Bullard, M; Bencken, C; Chiu, M; Leuck, J; et al. “Implementation of a Pediatric Mock Code Blue Program at a Tertiary Care Facility: Does it Improve Code Performance, Confidence, or Teamwork?” International Meeting for Society of Simulation in Healthcare, 2015.


Leuck J & Bullard M. “Curricular Advances in Resident and Medical Student Education- The Use of Dual-Modality Simulation to Practice Informing Patients and Families about Medical Error.” Innovations in Medical Education Didactic Session: Scientific Assembly of Emergency Medicine. June 2011


“Advances in Simulation Symposium” Carolinas Medical Center, September 2009: Invited Panel Discussant
“Care of the Dying and Newly-dead: The Ethics of Perimortem Procedures in Medical Training and Continuing Education” Carolinas Medical Center June 2010: Invited Panel Discussant

“Implementation of a Pediatric Mock Code Blue Program at a Tertiary Care Facility: Does It Improve Code Performance?”
This study’s goal is to measure the effectiveness of implementing a pediatric mock code program in a tertiary care center. Along with the other members of the research team, I facilitate and record approximately two mock codes per month in the Carolinas Medical Center Levine Children’s Hospital. Educational feedback is provided as part of a hospital-wide educational curriculum. In addition, we are reviewing each mock code to calculate various metrics to answer the proposed research question. This is an IRB approved project and is currently ongoing.

“Impact of fatigue and sleep disruption on error frequency in simulated management of unstable dysrhythmias”
The purpose of this project is to identify differences in error rates among emergency medicine residents while performing critical actions for simulated cases of unstable dysrhythmias, observed at three separate fatigue states: 1) prior to starting a day shift after at least one rest day, 2) after a single 9-hour night shift, and 3) after three or more 9-hour night shifts—representing the primary comparator state. This project was funded through the Society of Academic Emergency Medicine and is currently ongoing.

BOARD CERTIFICATION AND LICENSURE

ABEM Board Certification- 2009
National Medical Board Step 1, Step 2, and Step 3
Advanced Cardiac Life Support
Advanced Trauma Life Support
Pediatric Advanced Life Support

REFERENCES

Jeffrey Kline, M.D.
Vice Chair of Research, Department of Emergency Medicine
Indiana University
317-880-3900

Michael Gibbs, M.D.
Chair, Department of Emergency Medicine
Carolinas Medical Center
704-355-3658

Sandy Craig, M.D.
Residency Program Director, Department of Emergency Medicine
Carolinas Medical Center
704-355-3658

LETTERS FURNISHED UPON REQUEST
SAMIR NANGIA MD, FASN
CURRICULUM VITAE

Home Address & Telephone
610 Fountainview Drive
Irving, TX 75039
Cell Phone # (651) 503 – 0227
Email: samir.nangia@gmail.com

EDUCATION
2014 - Current  Physician Leadership Development Program (ACPE), Dallas, TX
Certified Physician Executive

2009 - 2012  University of California, San Diego, CA
Nephrology Fellowship

2006 - 2009  Medical College of Wisconsin (MCW), Milwaukee, WI
Internal Medicine Residency

2002 - 2006  St. Georges Medical School, Grenada, West Indies
M.D. in May, 2006

1999 - 2001  University of Minnesota, Twin Cities, MN
B.S. in Chemical Engineering with emphasis in biology in May, 2001

EMPLOYMENT AND EXTRACURRICULAR ACTIVITIES

July 2016 – Current  Assistant Professor University of California San Diego
- Working with senior Nephrology Fellows from UCSD teaching importance of physician leadership & introduction to Private Practice.

Feb 2015 – Current  Nephrology Business Leadership University (NBLU)
- Co-Creator and Co-Course Director of NBLU Program for Senior Nephrology Fellows to gain better understanding of importance of both Leadership and Business in Medicine (NBLuniv.com).

Jan 2015 - Current  Doc Talk Live Radio Show – Dallas, TX
- Co-Creator of Radio Show Doc Talk Live on 104.9 FM
- Radio Show Host (doctalklive.com)
- Medical Radio Show to help create health awareness in Dallas – Ft Worth
- More than 200 guest physicians of various specialties have appeared on show

Aug 2012 - Current  Dallas Renal Group – Dallas, TX
- Practicing Private Nephrologist – Partner 30 physician group
- Joint Venture Partner - Eight Dialysis Clinics
- Medical Director – Inpatient Acute Dialysis FMC

Jan 2012 – June 2012  UCSD Medical School PBL Instructor – San Diego, CA
- Instructor for Problem Based Learning for 1st and 2nd year Medical Students
- Courses taught include Nephrology, Neurology, Microbiology and ENT

July 2011 – June 2012  UCSD ER/Internal Medicine Hospitalist – San Diego, CA
- ER/Internal Medicine Hospitalist
- Managing medicine floor patients & supervising UCSD Housestaff
Nov 2010 – June 2012  **UCSD Custody Medicine – San Diego, CA**  
– Assistant Physician  
– Provide medical care for inmates in custody of San Diego Sheriff

Aug. 2001– Jan. 2002  **ExxonMobil – Houston, TX**  
– Chemical Engineer in Strategic Sourcing  
– Applying strategies to reduce cost, improve quality, & increase productivity

**American Board of Internal Medicine – Nephrology Board Member**  
2000 – Present  
- Selected to ABIM Nephrology Specialty Board – Philadelphia, PA

**Medical Director Acute Inpatient Dialysis – Fresenius Medical Care**  
- Inpatient Dialysis Medical Director for five hospitals – Dallas, TX

**Joint Venture Partner – US Renal Care & FMC**  
- Joint Venture Partner in ten dialysis clinics – Dallas, TX

**Invited Speaker Pharmaceuticals**  
- Invited Speaker for Otsuka America Pharmaceutical Inc.  
- Invited Speaker for Affymax, Inc. and Takeda Pharmaceuticals Inc.

**Certified Physician Trainer for EPIC Electronic Health Record**

**Hospital Committees & Leadership**  
- Selected Chair Department Medicine – Mansfield, TX  
- Methodist Mansfield Quality Council – Mansfield, TX  
- Methodist Mansfield Antibiotic Committee – Mansfield, TX  
- Methodist Mansfield Leadership Committee Member – Mansfield, TX  
- Methodist Mansfield PCAR Committee Member – Mansfield, TX  
- University of California Ethics Committee Member – San Diego, CA  
- MCW Housestaff Welfare Committee Member – Milwaukee, WI  
- House Staff Representative Council Internal – Milwaukee, WI

**American Society of Nephrology**  
- Participated in ASN Residents Program – Kidney Week 2008  
- Serving on Practicing Nephrology Advisory Group (since 2012)  
- Awarded Faculty American Society of Nephrology (FASN)  
- Question Writer for ASN Kidney Self-Assessment Program (KSAP)  
- Participated in Summit for Community Nephrologist – ASN Headquarters  
- Mentor for ASN Kidney Stars Program at Kidney Week 2014-16  
- Served on Expert Panel for Residents at Kidney Week 2014  
- Participated Strategic Listening Session at Kidney Week 2014  
- Selected to Judge ASN “Innovations in Kidney Education Contest”

**Teaching and Mentoring Activities:**  
- National Speaker on Leadership for Nephrology Fellows  
- Instructor UTA Nurse Practitioner Program  
- Working with RPA leaders to design a course for Junior Nephrologist in Nephrology – “Fundamentals of Nephrology Practice”  
- Question writer for Kidney Self-Assessment Program with ASN  
- Instructor UCSD Clinical Transition for 2nd year Medical Students
- Involved in St. George’s Alumni Mentorship Program
- Taught “Clinical Examination and Reasoning Course” to 1st and 2nd year Medical Students at MCW – Milwaukee, WI
- Taught “American College of Physicians Workshop” to 3rd and 4th year Medical Students at MCW – Milwaukee, WI
- Participated in “Medical Society of Milwaukee Pre-Med Mentoring Program” for undergraduate students at Marquette & Univ. of Wisconsin.
- Participated in the 1st Peritoneal Dialysis of Dolphin Sea World – San Diego, CA

Community Involvement
- Awarded Health Care Hero Award 2017 Ft Worth Business Press
- Methodist Mansfield Run with Heart & Time Out for Health
- National Kidney Foundation “KEEP” Program
- Lakeview Hospital ER – Stillwater, MN
- American Red Cross – St. Paul, MN Chapter

Certification/Licensing
- Board Certified – Internal Medicine: 2009-2019
- Board Certified – Nephrology: 2011 - 2021
- Medical Board of California Certified #A106618 Active
- Medical Board of Texas Certified #P2042 Active

RESEARCH EXPERIENCE
- Guest Reviewer for Journal of Biomedicine and Biotechnology
- 1st Place West Regional NKF Young Investigator Forum, Basic Science

Presentations
- **Presented at American Society of Nephrology: Kidney Week** Philadelphia, PA; Nov 2011
  

- **Presented at National Kidney Foundation National Meeting** Las Vegas, NV; April 2011.

  Acute Oxalate Nephropathy From Intravenous Vitamin C Therapy.
  Samir Nangia, Meenakshi Verma. University of California, San Diego, CA USA.

  Severe Hypocalcemia in A Hemodialysis Patient with Tertiary Hyperparathyroidism
  Samir Nangia, Scott Mullaney. University of California, San Diego, CA USA.

  Rare Case Presentation of Renal Transplant Torsion: When Imaging is Non-Diagnostic
  Kim Tran, Samir Nangia. University of California, San Diego, CA USA.

  Expression, Distribution, and Cellular Localization of the Novel Plasminogen Receptor in Murine Kidney

- **Presented at XXII International Congress of The Transplantation Society** Sydney, Australia; Aug 2008.
An Unusual Cause of Anuria Ten Years After Simultaneous Kidney-Pancreas Transplantation.
Samir Nangia, Ehab R Saad. Medical College of Wisconsin, Milwaukee, Wisconsin, USA.

Presented at National Kidney Foundation National Meeting
Nashville, TN; March 2009.

Amphotericin B for Treatment of Concurrent Pulmonary Zygomycosis and Aspergillus in Kidney Transplant Recipient. Sarah Rebecca Peglow, Samir Nangia, Ehab R Saad
Medical College of Wisconsin, Milwaukee, Wisconsin, USA

Presented at American College of Physicians National Meeting
Philadelphia, PA; April 2009

Two Infections and One Treatment. Samir Nangia, Sarah Rebecca Peglow, Ehab R. Saad. Medical College of Wisconsin, Milwaukee, Wisconsin, USA.

Publications (*accepted for publication)


Other Research Experiences

May 07 – June 09 Investigator – Department of Internal Medicine
Retrospective cohort study to determine if physicians are reaching target LDL goals in an adequate time frame.
Under Dr. Jeff Whittle, MD,MPH – Dept. of Internal Medicine
VA Zablocki Medical Center, Milwaukee, WI

Mar. 04 – May 04 Medical School Research Internship – Cardiology
Clinical Trials involving drug eluting stents in treatment of coronary disease.
Under Dr. Tom Henry, MD – Dept of Interventional Cardiology
Minneapolis Heart Inst., Abbott Northwestern Hospital – Twin Cites, MN

May 03 – Aug. 03 Summer Research Assistant – Neuro-Oncology
Bench Research requiring protein sequencing and drug testing of various Chemotherapny agents on Cancer Cell Lines
Under Dr. Puduvali, MD - Dept. of Neuro-Oncology,
MD Anderson Cancer Research Center - Houston, Texas

June 02-Aug 02 Summer Research Assistant – Anesthesia
Investigations on Proper Dosage of Regional Anesthetics in Infants
Under Dr. Belani, MD – Dept. of Anesthesia
University of Minnesota – Twin Cities, MN

May 01-Aug 01
Professional Membership

2009 - Current  – National Kidney Foundation
2009 – Current  – American Society of Nephrology – Advisory Group Member
2015- Current  – Renal Physicians Association (RPA)
2006 – 2009  – American College of Physicians
2002 – 2006  – American Medical Student Association

Outside Activities

– Hobbies include Baseball, Basketball, Swimming
– Interests include Traveling, Sports
– Radio Show Host: Doc Talk Live
KEY ACCOMPLISHMENTS & INTERESTS

- **Fellow, National Academy of Osteopathic Medical Educators (FNAOME, since 2015)**
  American Association of Colleges of Osteopathic Medicine, Chevy Chase, MD 20815

- **National Faculty, National Board of Osteopathic Medical Examiners (NBOME; since 2009)**, Clinical Department of Foundational Biomedical Sciences – Division of Microbiology and Immunology


- **Fellow, Canadian College of Microbiologists** (FCCM), Ottawa, Canada. 2001-present

- **AMSA Golden Apple Awards & Outstanding Medical Teacher awards** (Medical Students’ Classes of 2000-2004; 2006, & 2007)


- **Specialist in Clinical Microbiology (Laboratory Medicine)**, Certified by Canadian College of Microbiologists (SCM(CCM)), Ottawa, Canada (reciprocally certified by the American Board of Medical Microbiology, ABMM)

- **Scholarly Interests** – Writing Case Studies in TBL and PBL Modules; Innovation in Medical Education; Data Mining to Advance Antibiotic Stewardship; Infection Control and Molecular Epidemiology.

LinkedIn Profile: [https://www.linkedin.com/in/swapannath](https://www.linkedin.com/in/swapannath)
EDUCATION/DEGREES

- **Doctor of Philosophy (Ph.D.)** @ University of Toronto (Microbiology/Molecular Biology), Toronto, Canada; Thesis: Regulation of Expression of Biotin Genes in *E. coli* K12 (1985)
- Post-MSc. Diploma (Biophysics) @ Saha Institute of Nuclear Physics, University of Calcutta, Calcutta, India (1979)
- Master of Science (M.Sc. Biochemistry) @ Science College, University of Calcutta, India (1976)
- Bachelor of Science (B.Sc. Hons. in Chemistry) @ Bangabasi College, University of Calcutta, India (1973)

ACADEMIC APPOINTMENTS

Feb. 1st 2016 – Present: Professor & Chair, Microbiology & Immunology
Arkansas Colleges of Osteopathic Medicine
7000 Chad Colley Blvd.,
Fort Smith, AR 72917

SUMMARY:

- Serve with strong combination of academic, scholarly research, and innovation in medical education.
- Developed/retooled a modified, active learning, integrated TBL program; developed a TBL curriculum driven by Seven Core Competencies/Outcome and innovation of medical education.
- Serving as a course director (Biomedical Essentials of Comprehensive Osteopathic Medicine, Semester III) and a co-course director (Integrated Biomedical Concepts, a TBL based course)
- Collaborate with other curriculum leaders regarding this content in the organ-system based pre-clerkship curriculum.
- Serving as a facilitator and facilitate active learning in the integrated, biomedical content (with clinical contexts) in the discipline of Medical Microbiology.
- Provide oversight and direction for the Department of Microbiology and Immunology’s faculty and staff in planning, developing and implementing ARCOM’s curriculum to ensure integration of biomedical science across disciplines and that all students have the potential to acquire competency in the AOA’s established core competencies.
- Provide oversight and direction for the education and instruction of medical students and other health care profession students while providing mentorship and motivation for learning, research and scholarly activity in classroom environments, active learning groups, laboratory experience and research opportunities.
- Supervise and evaluate the performance of the Department’s faculty and staff annually or as indicated by policy, report evaluations to the Associate Dean for Biomedical Sciences, make recommendations for discipline, promotion and recognition of the faculty and...
associated staff and develop a culture of excellence, continuous improvement and advancement for each of the faculty and staff members.

- Assign, direct, coordinate and integrate Department’s faculty teaching schedule and load consistent with college policy.
- Provide administrative leadership, faculty mentorship and development for junior members of the faculty, staff and students.
- Provide service to the college community and students through serving on ARCOM and department committees, providing leadership, mentorship and expertise to students, participating in community outreach events, and with professional organizations or groups as assigned by the Dean.
- Assist the college in fulfilling its mission and vision through teaching, academic administrative duties as Department Chair, participate in community service and/or perform special duties as assigned.

2006 – 2015:  Professor of Microbiology
College of Medicine (COM) & School of Pharmacy (SOP)
Lake Erie College of Osteopathic Medicine (LECOM) – Bradenton
Bradenton, FL 34211

SUMMARY:
- Served with strong combination of academic, scholarly research, and innovation in medical education.
- Reinvented/retooled a modified, active learning, integrated PBL program; developed a non-lecture-based PBL curriculum driven by Seven Core Competencies/Outcome and innovation of medical education.
- Collaborated with other curriculum leaders regarding this content in the organ-system based pre-clerkship curriculum
- Served as a facilitator of problem-based learning (in the COM), and team learning (in SOP)
- Mentored other Faculty in issues of PBL (predominantly) and TBL (minor role)
- Multitasking work included new PBL case constructions and review
- Excellled in small groups facilitation; mentored other faculty in small-group facilitation.
- Item writing (Microbiology/Immunology; institutional exams and NBOME); COMLEX/USMLE Board-Review Program.
- Served as Course Director, Medical Microbiology for P1 Pharmacy Students in PharmD program (4 credits) and the one-and-only Lecturer in this course.
- Skilled in coordination of stakeholders, curriculum and training module development, and overall facilitation of education research and education programs.
- Skilled in writing and publishing scholarly work on the areas of content expertise.
- Proficient in a wide range of computer operations and applications including Microsoft Windows, Microsoft Office (Word, Excel, PowerPoint), and Adobe Photoshop.
2001-2005  Senior Lecture & Course Director (& Clinical Microbiology Consultation)
University of Texas Southwestern Medical Center
Dallas, TX

SUMMARY:
- Served with strong combination of academic, scholarly research, and innovation in medical education.
- Developed/retooled a modular, system-based Microbiology/Immunology course.
- Collaborated with other curriculum leaders regarding this content in the organ-system based pre-clerkship curriculum in MS2 year.
- Excelling in small groups facilitation in CBL (Case studies); mentored other faculty in small-group facilitation.
- Developed and delivered a 23-hour laboratory component of the Microbiology course with Cases and Clinical-specimen Simulations.
- Item writing and Review of (Microbiology/Immunology; institutional exams and USMLE S1 of the NBME);
- Administered 20-30-hour Board-Review (Readiness) Program.
- Wrote and authored “Problem-based Microbiology as the “bridge text” to fill in the gaps between course syllabus and information-overload in the “Textbooks” of Medical Microbiology.

2000-2001  Professor of Microbiology
American University of the Caribbean (AUC) School of Medicine
St. Maarten, D.W.I

1996-1999  Associate Professor of Microbiology
American University of the Caribbean (AUC) School of Medicine
St. Maarten, D.W.I

SUMMARY:
- Course Director, Medical Microbiology Course (6 credits), singly taught engaging sessions; with his creative skills.
- Initiated a case-based, discipline-specific, team-learning program involving small groups in large classrooms. A similar program was innovated and perfected by Dr. Larry Michaelson using RATS (individual and teams) and 4S Application Exercises, known now as TBL.
- Developed a ground-up hands-on, engaging microbiology laboratory, applying didactic learning in the classroom to benches, using cases and simulated body fluids as culture specimens.

1988-1995  Assistant Professor, Pathology
McMaster University
Hamilton, Ontario, Canada

SUMMARY:
- Clinical Microbiologist, Hamilton Civic Hospitals (Henderson Division); In addition to clinical laboratory services, work involved clinical research and professional education in undergraduate, graduate, postgraduate (infectious diseases/microbiology and pathology residency) programs.
- Tutored (facilitated) small groups of medical students in various units in Problem-based learning (PBL) curriculum of the McMaster U. School of Medicine.
- Gained experience and mastery in this innovative model based on a cyclical approach (involving: Problem and/or Patient, Definition of Questions, Information Seeking, Validation and Integration, Decision, Action, Preparation and Application, Reflection, and Evaluation) to learning medicine and becoming a life-long learner.
- Instructor, Continuing Education at Allied Health Sciences (Clinical Laboratory; 1990-1993) at Mohawk College, Hamilton, Ontario, Canada

1987-1988  
Research Associate  
Division of Infectious Diseases  
Hospital for Sick Children, Toronto, Canada

OTHER ACADEMIC & ADMINISTRATIVE TITLES

1. Board-Review Program Coordinator, COMLEX Board Review Program @ LECOM-Bradenton (2007-present)
2. Visiting Professor, St. Eustatius School of Medicine in DWI (2003)
3. Consultant, Pathology Laboratories, St. Maarten Medical Center, DWI (1996-2000)
4. Editorial Reviewer of Hospital Epidemiology & Infection Control (1993)
5. Coordinator, General Pathology Didactic Microbiology Program. McMaster University, Hamilton, Ontario, Canada (1992-1994)
6. Laboratory Medicine Specialist (Clinical Microbiology), Hamilton Health Sciences Laboratory Program; Hamilton, Ontario, Canada (1988-1995)

RECOGNITIONS & AWARDS

- Fellow, National Academy of Osteopathic Medical Educators (FNAOME) American Association of Colleges of Osteopathic Medicine, Chevy Chase, MD 20815
- National (Faculty) Member, National Board of Osteopathic Medical Examiners (NBOME), Clinical Department of Foundational Biomedical Sciences – Division of Microbiology and Immunology
- Certificates of Service Recognition from National Board of Osteopathic Medical Examiners (NBOME) for construction of COMLEX L1 Items in the outstanding standing mentioned (2009-present).
- Outstanding Teacher, University of Texas Southwestern Medical School in Dallas, TX (Classes of 2006,2007)
- Certificate, Team Learning (TBL) in Medical Education; Faculty Development Workshop Baylor College of Medicine, Houston, TX (2002)
- AMSA Golden Apple Awards, American University of the Caribbean School of
Medicine (Classes of 2000-2004)

- Certificate in Problem based Learning (PBL) in Medical Education; Faculty Development Program, McMaster University, Ontario, Canada (1988)
- **Ontario Ministry of Health Fellowship in Clinical & Public Health Microbiology** (fully funded for 2-year CPEP/University of Toronto –based training toward a Specialist Certification in Clinical Microbiology; 1995-1997)
- **Outstanding Graduate Student Presentation.** Annual Meeting of the American Society for Microbiology (ASM 1980-1982)
- **Connaught (Graduate) Scholar,** University of Toronto, Canada (1979-1980)
- **Atomic Energy Junior Research Scholar,** Saha Institute of Nuclear Physics, Calcutta, India (1976-1979)

**Participation in National Medical Education Activities**

- **AACOM:**
  - 2015: inducted to Fellowship, National Academy of Osteopathic Medical Educators (NAOME)
  - 2016: one poster
  - 2017: one concurrent seminar speaker
- **IAMSE**
  - 2017: delivery of case construction workshop

**National Board of Osteopathic Medical Examiners (NBOME)**

- National Faculty, NBOME (2013-present)
- **COMAT Foundational Biomedical Sciences Task Force** (Exam Developer:Blueprints and Items; 2014 – present)
- **COMSAE Foundational Biomedical Sciences** (Item reviewer; 2015 – present)
- **COLLEX L1 Microbiology and Immunology** (Item writer; 2009 – present)

**Participation in Formal Activities and Proceedings of the NAOME**

- Faculty Development:
  - Mentoring (2015 – present): two faculty in LECOM Bradenton
- Peer Evaluation
- Grant Review
- Academy Application Review
  - 2017: five new applications and portfolios
- Award Application Review
  - 2017: Poster and finalists judging


**SCHOLARLY “GRADUATE/MEDICAL EDUCATION” ACTIVITIES:**

- **2001-Present:** Ph.D. Thesis Examiner: University of Calcutta (topics are related to and not exclusive of Molecular Microbiology)
- **2001-present:** Exam Items Writers for National Board of Osteopathic Medical Examiners (NBOME) and National Board of Medical Examiners (NBME)
- **1997-present:** USMLE step I/COMLEX L1 Reviews (10-30 hours) in Medical Microbiology at various National and International Academic Institutions:
  - 2012-2014: Board Reviews in Basic Medical Sciences (3-week long) @ LECOM-Bradenton. Various modalities (online “oneliner exams”; iRAT/gRAT [TBL]) are used to facilitate students’ comprehensive preparedness for the Board.
  - 2006-2012: Coordinated and presented Discipline-specific Board Reviews @ LECOM-Bradenton. Offered crash course on Review of Medical Microbiology (8-32 hours)
  - 2012-2014: USMLE step I Reviews in Medical Microbiology (10 hours each year in May) @ the U.T. Southwestern Medical School, Dallas, TX
  - 2003: USMLE Step I Reviews (15 hours) in St. Eustatius School of Medicine in DWI
  - 2002: Board Review in Medical Microbiology (30 hours) in St. Eustatius School of Medicine in DWI (also administered an exam similar to USMLE step I)
- **2004:** 10th Microbiology & Immunology Educational Strategies Workshop; Myrtle Beach; organization committee; Chair of the session on “Integrated curriculum vs discipline based curriculum” in the Medical Schools
- **2003:** Innovation in Medical Education Workshop. Presentation of “CBL of Microbiology using Web Curriculum” @ UT Southwestern Medical School, Dallas, TX
- **2002:** 9th Microbiology & Immunology Educational Strategies Workshop in Myrtle Beach; organization committee; Chair of the session on “To do or not to do Microbiology Laboratory in the Medical Schools”
- **2002:** Team-based Learning (TBL): an Alternative Teaching Modality (a FIPSE funded Faculty Development Program at the Baylor College of Medicine, Houston, TX)

**MEMBERSHIP**

**PROFESSIONAL SOCIETIES:**

- American Society for Microbiologists (ASM; 1981-present)
- Canadian College of Microbiologists (CCM; 1995-present)
- Team Based Learning Collaborative (TBLC; 2013-present)
- National Academy of Osteopathic Medical Educators (NAOME), c/o AACOM (2014-present)
- American Medical Schools Microbiology and Immunology Chairs (AMSMIC; 2016-present)
• International Association of Medical Sciences Educators (IAMSE; 2016 – present)

**Arkansas College of Osteopathic Medicine (ARCOM)**
- Member, Curriculum Committee (2016-present)
- Faculty Search Committee (2016-present)
- Institutional Review Board (2016-present)
- Research Committee (2016-present)
- Student Progress Committee (2016-present)

**LECOM-Bradenton**
- Member, PBL Director Search Committee (2014)
- PBL Case Review Committee (2007-2014)
- Member, Curriculum Committee (2010-2013)
- Member, Curriculum Committee (2006-2007)
- Secretary, Curriculum Committee (2007-2008)
- PBL Executive Committee (2007-2008)
- Research Committee (2006-2007)

Advisor, Christian Medical & Dental Students’ Association (CMDA), LECOM Chapter (2007-pesent)

**UT Southwestern Medical Center**
- LCME Accreditation Committee (2004)
- Basic Medical Sciences Integration Committee (2003-2005)
- 2\textsuperscript{nd} year Course Directors’ (MPPCE Courses) Group (2001-2005)
- Curriculum Committee (2001-2004)
- Ethics and Promotions Committee (2001-2005)

**AUC School of Medicine**
- Curriculum Committee (1996-2000)
- Ethics & Promotion Committee (1998-2000)

**McMaster University**
- Member, Hamilton Health Sciences Laboratory Medicine Working Group (1988-1994)

**CLINICAL BOARD CERTIFICATION**
- **Specialist in Clinical Microbiology**, Canadian College of Microbiologists (SCM (CCM)), reciprocated in the USA by the ABMM as a Diplomate (1994-2001)
- **Fellow, Canadian College of Microbiologists** (FCCM), Ottawa, Canada. 2001-present
HEALTH-CARE PROFESSIONAL TRAINING/ CERTIFICATION

- Visiting Scientist, Molecular Methods for the Clinical Microbiology Laboratory, University of Ottawa, Ontario, Canada (1992)


- Clinical Laboratory Scientist Training, American Academy of Microbiology; Committee of Post-Doctoral Education Program (CPEP), Toronto-area Hospitals, University of Toronto (1985-1987)


GRANT SUPPORT

- McMaster University Pathology Research Student Support Grant: “Antibiogram and Epidemiology of Bloodstream Isolates from Cancer Patients”, $27,000 (PI; 1993)).

- Merek Sharp Dome Industry Grant: “Antimicrobial activity of ceftriaxone vs. cefotaxime against Gram-negative Bacterial Isolates from ICU and Cancer Patients”, $21,000; 2000)


PUBLICATIONS

Books:

Clinical Microbiology: A Short Course (an integrated text for medical students’ review of system-based, high-yield contents in Microbiology and Pharmacology of Anti-Infective Agents, for the USMLE and COMLEX Exams) – Work in Progress for eBook.

Problem-based Microbiology (a Problem-based Study Series opener)
Swapan K. Nath, Ph.D., FCCM & Sanjay Revankar, MD (1st edition; 2006)
524 pages; illustrated; multi-color images; Saunders (Elsevier); ISBN: 072160630X
Original Clinical Research


Original Basic Research


Oral Presentations (incomplete)


Posters


Nath, S, Longley, R. Innovation in Application Exercise with incentives and timeliness in a microbiology course for Pharmacy Students. 14th Annual TBLC Conference (March 2015), in St. Petersburg, Florida


(incomplete): not included info on Abstracts (posters/slides presentations) from several National and international meetings in Canada, USA and Europe and South East Asia, during 1987-2001).

Workshop Leader & Presentations:

“Preparing students to integrate biomedical sciences into the clinical clerkship years.” Presented, in a Concurrent Session with LECOM and NYIT-COM, at the Annual meeting of the AACOM, April 26-29, 2017 @ Baltimore, MD.
“Evidence-Based Active Learning: How to Create Engaging, Interactive Cases in Basic Sciences.” Accepted for a Group (Workshop) Presentation and Workshop, 90 minutes) (LECOM and NYIT-COM) at the Annual Meeting of the IAMSE, June 10-13, 2017 @ Burlington, VT.

Microbes and Drugs: Must-Know Knowledge for Student Physicians and Others. A STEM Series Seminar; November 8, 2016 @ University of Arkansas Fort Smith (UAFS).


Biotechnology & Infection Control. At the Annual Meeting of the Canadian Association for Clinical Microbiology and Infectious Diseases. December 1992, Toronto, Canada.

Chair, Slides Session on “SDS-PAGE & Dendrograms to delineate Outbreaks”. 2nd International Meeting of Biotechnology & Infection Control. December, 1991, Rhodes, Greece.

Molecular Microbiology in Infection Control. At the Annual Meeting of the Canadian Association for Clinical Microbiology and Infectious Diseases. December 1991, Quebec City, Canada.
ERIN M. NELSON, PSY.D.
(Updated: January 2017)

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Phoenix, Arizona 85016
P: 480.250.4601
E: drerinmn@gmail.com

Licensure: Arizona – License #3697
California – License #PSY25135
New Mexico – License #1367

Professional & Clinical Positions:
Forensic and Clinical Psychologist
Steven Pitt & Associates
Scottsdale, Arizona
Century City, California
January 2005 - Present

Director, Behavioral Sciences Curriculum
University of Arizona College of Medicine – Phoenix
November 2010 – Present

Director, School Training
Threat Assessment Group, Inc. (TAG)
Newport Beach, California
June 2011 – Present

Teaching Appointments:
Associate Professor, Psychiatry
The University of Arizona College of Medicine – Phoenix
July 2016 – Present

Associate Professor, Bioethics and Medical Humanism
The University of Arizona College of Medicine – Phoenix
July 2016 - Present

Clinical Assistant Professor, Psychiatry
Louisiana State University School of Medicine – New Orleans
July 2003 – Present

Consulting Positions:
Phoenix Police Department
Family Investigations Bureau, Missing Persons Unit
Phoenix, Arizona
November 2008 - Present

Park Dietz & Associates (PD&A), and
Threat Assessment Group, Inc. (TAG)
Newport Beach, California
April 2002 – Present
Committee Appointments:

Executive Team – Curricular Evaluation
University of Arizona College of Medicine - Phoenix
May 2015 – Present

First Responder Traumatic Incident Support and Response Task Force
City of Phoenix
November 2014 – Present

Theme and Topic Management Team (Chair)
University of Arizona College of Medicine - Phoenix
June 2013 – Present

Curriculum Committee
University of Arizona College of Medicine - Phoenix
December 2012 – Present

Admissions Committee - Selection Subcommittee
University of Arizona College of Medicine - Phoenix
June 2011 – Present

Education:

Doctor of Psychology, Clinical Psychology
Argosy University, Phoenix, Arizona
July, 2003

Master of Arts, Clinical Psychology
Argosy University, Phoenix, Arizona
June, 2000

Master of Arts, Clinical Psychology
Sam Houston State University, Huntsville, Texas
December, 1996

Bachelor of Arts, Psychology
Arizona State University, Tempe, Arizona
May, 1992

Honors:

Honoree: Arizona Foothills Magazine; Women who Move the Valley; January 2009
Certificate of Merit: American Psychological Association Division 18, Psychologists in Public Service; May 2002
Outstanding Advocacy Award: Argosy University; May 2002
Magna Cum Laude Graduate, Arizona State University; May 1992
Professional Affiliations:

American Psychological Association
  Division 18: Psychologists in Public Service
  Division 41: American Psychology-Law Society
Arizona Psychological Association
California Psychological Association
American Correctional Association
Association for Behavioral Sciences & Medical Education

Past Professional and Clinical Positions:

Director, Special Projects
Steven Pitt & Associates
Forensic and General Psychiatry
December 1993 – August 2003

Associate Clinical Psychologist, III
Texas Department of Criminal Justice, Institutional Division
University of Texas Medical Branch
Huntsville, Texas
April 1997 - June 1998

Clinical Case Manager
Community Partnership for Behavioral Health Care
Phoenix, Arizona 85029
October 1992 - August 1994

Past Teaching Appointments:

Assistant Professor, Psychiatry
The University of Arizona College of Medicine – Phoenix
October 2011 – July 2016

Assistant Professor, Bioethics and Medical Humanism
The University of Arizona College of Medicine – Phoenix
April 2014 – July 2016

Clinical Assistant Professor
Clinical Psychology Program, College of Health Sciences
Midwestern University School of Medicine
August 2008 – February 2011

Associate Adjunct Faculty
Arizona School of Professional Psychology
Phoenix, Arizona
August 1999 - August 2000

Graduate Teaching Assistant
Arizona School of Professional Psychology
Phoenix, Arizona
April 2000 - July 2000
Past Consulting Positions:

Baseline Serial Killer Task Force
Phoenix Police Department
Phoenix, Arizona
July 2006 – December 2006

Phoenix Police Department - Homicide Division
Phoenix, Arizona
July 2003 – November 2008

Arizona Response Crisis Team
Arizona Department of Public Safety
Phoenix, Arizona
June 2002 – January 2005

Threat Assessment Group, Inc.
Newport Beach, California
Research Director, Columbine Psychiatric Autopsy Project
April 2001 – 2002

Joel A. Dvoskin, Ph.D., A.B.P.P. (Forensic)
Forensic and General Psychology
Tucson, Arizona
August 1998 – October 2003

Centers for Disease Control and Prevention
Macro International
Calverton, Maryland
Youth Risk Behavior Survey
Time-limited research: February - April 1997

Training:

Professional Program in Neuropsychological Assessment
University of California Berkeley
Behavioral Health Sciences Extension
Berkeley, California
April 2013 - May 2015

Postdoctoral Fellow
Steven Pitt & Associates
Forensic and General Psychiatry
Clinical Supervisor – Deborah Lewis, Ph.D.
Scottsdale, Arizona
August 2003 – January 2005
Psychology Intern
Louisiana State University Health Sciences Center
School of Medicine – New Orleans
Department of Psychiatry, Division of Psychology
New Orleans, Louisiana
July 2002 – June 2003

Psychology Intern
United States Department of Justice
Federal Bureau of Prisons
Federal Correctional Institution and Federal Prison Camp
Phoenix, Arizona
September 2000 - July 2001

Psychology Intern
Maricopa Integrated Health System
Maricopa Medical Center
Inpatient Psychiatric Annex
Phoenix, Arizona
September 1999 - July 2000

Counselor Intern
Texas Department of Criminal Justice
Institutional Division
University of Texas Medical Branch
Wynne Unit, Huntsville, Texas
August 1996 - December 1996

Research Positions:
Graduate Research Assistant
Sam Houston State University
Department of Psychology, Huntsville, Texas
Forensic Research Grant
July 1995 - December 1996

Graduate Assistant
Sam Houston State University
Division of Health and Kinesiology, Huntsville, Texas
Grant funded by the Texas Commission on Alcohol and Drug Abuse (TCADA)
July 1995 - December 1996
Past Committee Appointments:

- Eastern Region Designated Representative
- Internal Audit/Review Board
- Texas Department of Criminal Justice, Institutional Division
- University of Texas Medical Branch - Correctional Managed Care

- Unit Post-Trauma Support Team, Crisis Response Division
- Texas Department of Criminal Justice, Institutional Division
- University of Texas Medical Branch - Correctional Managed Care

Presentations:


- Nelson, L.R., Nelson, E.M. & Barcellona, D.S.: Integration of Basic Science with Behavioral Science and Ethics Material in the Preclinical Curriculum covering Sexuality, Gender Identity and Reproduction. Sex and Gender Medical Education Summit – Mayo Clinic School of Continuous Professional Development; Rochester, Minnesota, October 2015

- Hartmark-Hill, J., Nelson, E.M. & Gardner, A.: Interprofessional Integration and the Program for Narrative Medicine and Medical Humanities at the University of Arizona College of Medicine – Phoenix. Association for Behavioral Science in Medical Education – IPECP: Linking the Arts and Sciences to Promote Patient-Centered Care; Minneapolis, Minnesota, October 2015
Nelson, E.M. & Standley, E.S.: Art in Medicine: Structured Observation and Patience Care. Association for Behavioral Science in Medical Education – IPECP: Linking the Arts and Sciences to Promote Patient-Centered Care; Minneapolis, Minnesota, October 2015


Spiers, E.M.: Introduction to Forensic Mental Health. Louisiana State University School of Medicine – New Orleans; New Orleans, Louisiana, January, 2004

Spiers, E.M.: Psychological Autopsy: Methods, Procedures, and Indications. Louisiana State University Health Sciences Center, Grand Rounds; New Orleans, Louisiana, October, 2003


Pitt, S.E., Spiers, E.M. & Dvoskin, J.A.: What has been learned from Columbine: The signs that were missed and how this can be avoided in our own backyards. Mental Health Association of Arizona, Arizona Department of Health Services – Division of Behavioral Health. 15th Annual Seeds of Success Symposium; Phoenix, Arizona, October 2002


Pitt, S.E. & Spiers, E.M.: Trauma and Crisis Response: Expectations and Interventions. Arizona Coalition for Victim Services, Arizona Response Crisis Team (ARCT); Phoenix, Arizona, April 2002

Spiers, E.M.: Mass Media and Interpersonal Violence: Influence and Implications. Midwestern University College of Medicine; Glendale, Arizona, March 2002


Dvoskin, J.A. & Spiers, E.M.: Preventing Suicide in Adult Prisons. Government of Corrections; Atlanta, Georgia, October, 2000

Pitt, S.E. & Spiers, E.M.: Necrophilia and Necrosadism: Identifying and Assessing the Offender. Mesa Community College, Department of Mortuary Science; Mesa, Arizona, October, 2000

Spiers, E.M.: Youth and Violence: Juvenile Firesetting. Arizona State University Department of Criminal Justice; Tempe, Arizona, April, 2000


Spiers, E.M.: Toward an Understanding of Serial Murder. Mesa Community College, Department of Criminal Justice; Mesa, Arizona, October, 1998


Bale, E.M.: The Clinical Assessment of Feigned versus Actual Mental Illness. Texas Department of Criminal Justice/University of Texas Medical Branch, Eastern Regional Continuing Education Seminar; Huntsville, Texas, October, 1997

Pitt, S.E. & Bale, E.M.: Neonaticide, Infanticide, and Filicide: Two Case Reports and Review of the Literature. Good Samaritan Regional Medical Center, Department of Psychiatry, Grand Rounds Presentation; Phoenix, Arizona, May, 1995


Pitt, S.E. & Bale, E.M.: The Diagnosis and Treatment of Depression for the Family Practitioner. Phoenix General Hospital and Medical Center; Phoenix, Arizona, September, 1993


**Publications:**


THUTHUY THI NGUYEN, MD
1209 ST MARIA CT
ARLINGTON, TX 76013
(817) 874-4186

EDUCATION:

1999 - Current Northeast Tarrant Internal Medicine Associates (NETIMA). American Board of Internal Medicine: Recertified 2013. Practice and Diagnosis of Internal Medicine


Aug 1987- May 1991 Texas Christian University Fort Worth, TX B.A. Biology, music minor

HONORS/ACTIVITIES:

2010 - current Non-public mentor for mock interviews, preceptorship for: High school, college, graduate and professional students.

2015 - current Volunteer teaching at Our Lady of Fatima Catholic Church Religious education and Vietnamese language.

2015 - current City of Southlake Boy's Basketball league team manager. Assistant Scoutmaster SMG Troop 615.

2014 - current Co-director Orchestral choir at Our Lady of Fatima Catholic Church

2011 - current Guess speaker for boys/girls science classes at St. Maria Goretti School

1999 - current North East Tarrant Internal Medicine partner

1999 - current Organizing annual health fairs/education and flu vaccinations for local underserved churches.
THUTHUY THI NGUYEN, MD

HONORS/ACTIVITIES:

2007-2012  Science/Math teacher and student advisor - St. Ignatius College Prep. HS

1997-2013  Texas Medical Association membership

1991-2013  American College of Physicians membership

Medical School  Class representatives (1992-1993)
                Editor, “Murmurs” (medical newsletter)
                City league softball
                Local church choir (1992-1993)
                Local church retreat staff (1992-1994)
                Christian Medical and Dental Society member

Undergraduate  TCU scholarship
                Dean’s list
                Alpha Epsilon Delta Honor Society
                Comparative Anatomy TA
                Catholic Youth Group – Active Leader
                Youth Group Choir Director
                Bible School Teacher – St. George Catholic Church
                Teach Vietnamese Language – St. George Catholic Church

Interests/Skills  Trilingual:  English, Vietnamese, Spanish
                 Music: piano (classical and folk), flute, singing
                 Spending time with family: camping/nature activities.

A wife and a mother of 11 children: 4 sons and 7 daughters.

References:

1. Laurie Porter, Ph. D., English Emeritus Professor at UTA, Arlington, TX: 817-891-7075.

2. Earnest Johnson, Ph. D., Emeritus Professor of Education at UTA, Arlington, TX: 979-574-0724.

3. Gary Jones, MD, Clinical Professor at UT Southwestern Medical School, Dallas, TX: 214-645-2100.


Saji Pillai, M.D., FHM
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Experience

Program Director Internal Medicine Plaza Medical Center 2012- 11/2015
Associate PD Internal Medicine Plaza Medical Center 2010-2012
U.S.Doctors Alliance Founder and CEO 2016- current
Urgentcare2go CMO 2016- current
Vice President Questcare Hospitalists 2014-2015
Questcare Hospitalists- Medical Director 2008-2015
Plaza Medical Center Fort Worth, Texas
MEC Kindred Forth Worth 2015-current
Las Colinas Medical Specialists,PA 2005-2008
Traditional Private practice
TDI-DWC Designated Doctor for local DFW area 2008-2012

Education

2015, 2005 – Internal Medicine Board Certified
2003 – 2005 St. Paul University Hospital, Dallas, TX (pgy 2,3, Chief Resident)
2002 - 2003 New Hanover Regional Medical Center, Wilmington, NC internship
1992 – 1997 Dr. B.R. Ambedkar Medical College in Bangalore, India (MBBS)

Achievements and Publications

Adjunct Faculty at UNT 2009-onwards
GMEC – 2010-2015
Speaker at ACOI Trainers conference 2014, 2015 for Technology in Board Review
Quizthon Inter-residency board review competition – 2/2016

Internal Medicine Program Director at Plaza Medical Center, Fort Worth Texas 2012-2015

All duties associated PD role.

Fellow of Hospital Medicine 2015

Vice President of Questcare Hospitalists 2014–2015

Chair of Quality Committee for Plaza Medical Center 2014-2/2016

Sepsis Committee chair 2014 – 11/2015

PAG committee- 2013-2014

Code Blue Committee- 2013-2015

Pharmacy and Therapeutics committee 2010-2014

Utilization Review Committee member at Las Colinas Medical Center. 2007-2008

Vice- Chair of Medicine at Las Colinas Medical Center – 2007-2008

Mentored multiple required internal medicine resident research projects as Program Director

Undergoing research with Medstudy in Board Review

Guest Speaker for UNT medical students 2015.

Teaching inpatient wards to UNT Medical Students 2009- current

Lead the organizing committee for first South Asian community hospital health fair at Las Colinas Medical Center.

Chief Resident, Internal medicine, St Paul University Hospital UTSW, Dallas (2004-2005)

PROFESSIONAL MEMBERSHIP

American College of Physicians

Society of Hospital Medicine

Texas Medical Association
Christine M. SAVI, PhD

4200 Bridgeview Dr., Apt. 1736          cell: 408.507.1839
Fort Worth, TX 76109          csavi35@gmail.com

EDUCATION
2002  Doctorate of Philosophy, Curriculum and Instruction: Special Education/Educational Technology
      Arizona State University
1995  Master of Education, Secondary Education
      Northern Arizona University
1991  Bachelor of Science, Major: Education, Minor: Math

EMPLOYMENT
Faculty and Instructional Appointments
2016  Associate Professor of Bioethics and Medical Humanism, University of Arizona, College
      of Medicine
2011-2015  Assistant Professor of Bioethics and Medical Humanism, University of Arizona, College of
         Medicine
2005-  Adjunct Faculty and Instructional Designer - Special Education, Northern Arizona
      University SELECT Program
2000-2005  Adjunct Faculty and Instructional Designer - Secondary Education, Arizona State
         University
1997-2000  Adjunct Faculty – English, Mesa Community College
         Education: English, Math, Glendale Union High School District

Courses Taught
MEDP 850B  Preparation for Teaching and Leadership in Residency - University of Arizona, College of
         Medicine
ESE 509  Foundations of Special Education: Specific Learning Disabilities – Northern Arizona
         University
ESE 505A  Defining Inclusion: Practical Methods and Resources Used to Promote a Positive
         Learning Environment – Northern Arizona University
ESE 505B  Consultation Techniques in Special Education: Collaboration on Inclusion – Northern
         Arizona University
ESE 505  Methods and Materials in Special Education: Alternate Assessment – Northern Arizona
         University
ESE 504  Methods and Materials in Special Education: Assistive Technology – Northern Arizona
         University
ESE 503  Evaluation of Exceptional Children: Significant Cognitive Disabilities – Northern Arizona
         University
SPED 393  Teacher Preparation: Teaching Students with Learning Disabilities – Arizona State
         University
EDU 498  Teacher Preparation: Educational Technology and Teaching – Arizona State University
EDU 598  Teacher Preparation: Educational Pedagogy in Assessment – Arizona State University
**Administrative Appointments**

**2016**

**Assessment and Quality Improvement, Assistant Dean**
Texas Christian University and University of North Texas Health Science Center School of Medicine

- **Responsibilities:** Leads assessment and evaluation aspects of strategic planning and quality improvement, assuring that procedures, personnel, and processes for innovative teaching and appropriate assessment and evaluation are in place for all areas of the curriculum. Manages and develops a structure to map and tag curricular teaching assessment elements to measurable objectives. Oversees the collection and analysis of data to assist in leading the comprehensive integrated and continuous quality improvement of the curriculum and related elements. Oversees the compilation, analysis, and reporting of all internal and external student examination results and other assessments. Leads efforts to evaluate, select and implement learning and curricular management systems, including negotiating with vendors and managing educational technology staff.

- **Achievements:** Authored assessment, evaluation, and continual quality improvement standards for accreditation documentation for with the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) and the Liaison Committee on Medical Education (LCME). Was invited to lead a session on Sustainable Assessment with the Higher Learning Commission (HLC) at their annual meeting.

**2011-2016**

**Assessment & Evaluation, Director**
University of Arizona, College of Medicine - Phoenix

- **Responsibilities:** Administered the Assessment and Evaluation division targeting compliance with accreditation standards, program evaluation, institutional review, and assessment of student performance. Directed department efforts in establishing campus objectives, longitudinal benchmarks, and plans of action for data-driven workflows and instituted faculty evaluation processes. Performed hiring, scheduling and evaluation of unit personnel and faculty. Negotiated technology contracts with multiple vendors. Directed and maintained online curriculum and evaluation systems and other educational technologies for the medical school.

- **Achievements:** Authored assessment, evaluation, and teaching standards for accreditation visits with the HLC and the LCME. Developed and revised policies to ensure compliance with national and federal standards in curriculum delivery. Served as Assessment Mentor for the HLC and peer editor for the Health Informatics Journal (HIJ).

**2009-2011**

**Assessment and Technology Accreditation Consultant**
University of North Texas Health Science Center

- **Responsibilities:** Directed assessment, evaluation, and educational technology projects the Center for Learning and Development. Consulted with college administration to support assessment requirements for Commission on Osteopathic College Accreditation (COCA), Accreditation Review Commission on Education for the Physician Assistant (ARC-PA), and Commission on Accreditation in Physical Therapy Education (CAPTE) site visit reviews. Collaborated with colleges in developing and implementing the institutional benchmarks. Provided faculty development sessions on instructional design of online courses, rubric design, Bloom’s Taxonomy, and test item development.
- **Achievements:** Co-authored the Quality Enhancement Plan for SACSCOC accreditation review. Vetted assessment instruments and published results and tools within the UNTHSC Digital Repository. Was invited to present at the annual SACSCOC conference on implementing and marketing the Quality Enhancement Plan of program evaluation.

2008-2009 **Network Services, Project Manager & Trainer**  
Cisco Systems  
- **Responsibilities:** Directed the automation of static data collection systems and published accountability reports. Collaborated with internal and external customers, vendors, and contractors to meet time-constrained deliverables. Analyzed results of various assessments to better identify training needs. Analyzed management problems using performance metrics for program efficacy and partner self-sufficiency. Conducted management studies of programs in order to measure effectiveness, efficiency, and productivity of Training & Operations programs.

- **Achievements:** Consulted for Cisco's top 30 partners on network services projects generating up to 50M in revenue and named Outperforming Team in 2008. Created learning modules using Captivate and PowerPoint, as well as Video-on-Demand (VODs) sessions and hard copy documents for global training.

2002-2008 **Assessment and Assistive Technology Compliance Monitor**  
Arizona Department of Education  
- **Responsibilities:** Managed budgets of up to 300K for technology, training, and consulting needs for 20,000 end users statewide. Conducted presentation of findings and recommendations to management officials. Consulted statewide on implementing instructional and assistive technologies for K-12 schools. Served as statewide auditor for Section 504 compliance standards. Conducted quantitative, qualitative, and mixed method analysis for large amounts of confidential data for federal reporting and grant requirements.

- **Achievements:** Accounted for 98% of assigned schools meeting or exceeding expectations with regard to state and federal requirements pertaining to special education. Launched the inaugural Assistive Technology Initiative for Arizona Department of Education (ADE).

2000-2002 **Web Administrator & Technical Writer,**  
US Department of Energy, Western Area Power Administration (WAPA)  
- **Responsibilities:** Served as agency's web administrator and technical writer for 3000+ end users and internal personnel. Established, coordinated, and developed an agency-wide training strategy for implementing Section 508 guidelines. Documented network architecture for federal NIST audits, as well as agency lifecycle management efforts. Consulted and trained nationwide on issues regarding open industry standards for UDL, W3C Guidelines, SCORM, and Section 508 provisions. Assisted system administrators in managing IIS web servers and maintained security measures for multi-user authoring environment. Assisted with firewall installation for DMZ establishment.

- **Achievements:** Overhauled agency internet/intranet to meet Section 508 requirements prior to national deadline.
HONORS AND AWARDS
2016  Diversity and Inclusion Awareness Embedded in the Training of Faculty Assessment and Student Evaluation Grant
2015  Stephen Abrahamson Award for Innovation
2011  Vernon and Virginia Furrow Award for Online Learning
2002  Critical Contribution Award, ATA
2000  Distinguished Leadership Scholarship
1995  Graduated Magna Cum Laude
1991  Educational Teaching Scholarship

BOARD CERTIFICATION
2009  Supervisory – Arizona Department of Education
2007  Structured English Immersion (SEI) – Arizona Department of Education
2001  Accessible Design, University of Utah
1997  Secondary Teaching – Maricopa Community Colleges

SERVICE
National outreach
2015-  Higher Learning Commission (HLC) Mentor
2014-  Health Informatics Journal (HIJ)Reviewer
2012  Association for American Medical Colleges (AAMC) MedEd Portal Reviewer
2004  Council for Exceptional Children (CEC)Reviewer
2004  International Society for Technology in Education (ISTE) Reviewer
2000-2002 Teacher Educators for Children with Behavior Disorder Journal Asst. Editor

Local outreach
2006-2008 Arizona Technology in Education Alliance (AzTEA) Reviewer
2003-2004 Make-A-Wish Foundation Consultant
2001-2002 Arizona State Professional Graduate College Conference Judge
2000-2002 Arizona Teachers’ Association (ATA) Consultant

College Committees
Assessment and Evaluation Subcommittee, UA College of Medicine – Phoenix Chair
Instructional Technology Committee, UA College of Medicine – Phoenix Member
Accreditation Self-Study Team Member
Executive Team: Program Evaluation, UA College of Medicine – Phoenix Member
Web Advisory Group, UA College of Medicine – Phoenix Member
Simulation Committee, UA College of Medicine – Phoenix Member
Faculty Development Committee, UA College of Medicine – Phoenix Member
Continuing Interprofessional Education Committee, UA College of Medicine – Phoenix Member
Curriculum Committee, UA College of Medicine – Phoenix Ex-Officio
Clinical Curriculum Subcommittee, UA College of Medicine – Phoenix Ex-Officio
Block, Course, Theme Subcommittee, UA College of Medicine – Phoenix Ex-Officio
Educational Policy Committee, UA College of Medicine – Phoenix Ex-Officio
PUBLICATIONS

Refereed


In Progress

TECHNICAL SKILLS

CMS/LMS: BbLearn, Prometheus, Moodle, Sakai, D2L, WebEx, NetMeeting, Evalue, one45
Design: Dreamweaver, Photoshop, Flash, Framemaker, Captivate, PowerPoint, Camtasia, RoboHelp, Visio, Project, Erwin, Confluence
Evaluation: Evalue, one45, New Innovations, SurveyMonkey, Blackboard/WebCT
Development: Cold Fusion, HTML/XML, .ASP, Javascript using TOAD and CVS
Database: SQL/SQL Server, Oracle 8-10g, Access, SharePoint
Analysis: SPSS, Atlas.ti

GRANTS AND CONTRACTS

State and Institutional
2016 Diversity, Equity and Inclusive Excellence & Innovation Grant, 3/2016-3/2017, $1,500
2011 Vernon and Virginia Furrow Grant, 8/2011-8/2012, $1,200
2007 CAAVES Grant, 8/2008-8/2010, $120,000

MEDIA

Presentations and Posters for last 5 years


“Assessment of COM-P Medical Students in the Clerkship Setting.” University of Arizona, College of Medicine- Phoenix. Internal Medicine Clerkship Site Directors Meeting. March, 2016.


“Walk a Milestone in My Shoes for UME: Developing a Milestone Based Assessment Tool to Enhance the Grading Process in Undergraduate Medical Education.” Society of Teachers of Family Medicine Conference. January, 2016.

“Updates in Assessment of COM-P Medical Students in the Clerkship Setting.” University of Arizona, College of Medicine- Phoenix. Psychiatry Clerkship Site Directors Meeting. December, 2015.


“Assessment of COM-P Medical Students in the Clerkship Setting.” University of Arizona, College of Medicine- Phoenix. Neurology Faculty Meeting. April, 2015.

“Assessments and Evaluations in the Clinical Setting.” University of Arizona, College of Medicine-Phoenix. Transitions. April, 2015.


“Resident Teaching and Assessment Resources.” Banner Good Samaritan Hospital and Maricopa Medical Center, Surgery Unit. February, 2014.

“Milestone Assessment.” University of Arizona College of Medicine - Phoenix. July-Dec, 2013


“Benchmarking Guidelines for Student Assessment.” Phoenix Children’s Hospital, Pediatric Unit. September, 2012.

“Benchmarking Guidelines for Student Assessment.” Banner Good Samaritan Hospital, Psychiatry Unit. August, 2012.


“Designing Tests that Measure Higher Order Thinking (HOT).” University of North Texas Health Science Center, Center for Learning & Development, February, 2011.

“Higher Order Thinking (HOT) Overview.” University of North Texas Health Science Center, Center for Learning & Development, January, 2011.
Curriculum Vitae

Imran Akhtar Siddiqui, PhD, MBBS, MPhil, MHPE

Chronology of Education

UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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</thead>
<tbody>
<tr>
<td>1989-1995</td>
<td>Bachelor of Medicine and Bachelor of Surgery (MBBS)</td>
<td>Dow Medical College, University of Karachi, Karachi</td>
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GRADUATE EDUCATION:

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<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1996-2001</td>
<td>Master of Philosophy (MPhil), Biochemistry</td>
<td>Ziauddin University, Karachi</td>
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<tr>
<td>2004-2010</td>
<td>Doctor of Philosophy (PhD), Biochemistry</td>
<td>Ziauddin University, Karachi</td>
</tr>
<tr>
<td>2012-2013</td>
<td>Joint Master in Health Professions Education (JMHPE),</td>
<td>Joint Program, Maastricht University and Suez Canal University,</td>
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EQUIVALENCY OF ACADEMIC DEGREES:

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<tr>
<th>Year</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>2014</td>
<td>MBBS, MPhil, PhD</td>
<td>Comparative Education Service (CES), University of Toronto</td>
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PROFESSIONAL EXPERIENCE:

<table>
<thead>
<tr>
<th>Years</th>
<th>Position</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1996-2001</td>
<td>Lecturer of Biochemistry</td>
<td>College of Medicine, Ziauddin University, Karachi</td>
</tr>
<tr>
<td>2001-2004</td>
<td>Assistant Professor of Biochemistry</td>
<td>College of Medicine, Ziauddin University, Karachi</td>
</tr>
<tr>
<td>2004-2010</td>
<td>Lecturer of Biochemistry</td>
<td>College of Medicine, King Saud Bin Abdulaziz University for Health Sciences, Riyadh</td>
</tr>
<tr>
<td>2010-2013</td>
<td>Assistant Professor of Biochemistry</td>
<td>College of Medicine, Al-Imam University, Riyadh</td>
</tr>
<tr>
<td>2013-2016</td>
<td>Senior Specialist, Test Development</td>
<td>Saudi Commission for Health Specialties, Riyadh</td>
</tr>
<tr>
<td>2016-2016</td>
<td>Director, Department of Postgraduate Medical Education</td>
<td>Saudi Commission for Health Specialties, Riyadh</td>
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CURRENT TEACHING RESPONSIBILITIES:

<table>
<thead>
<tr>
<th>Years</th>
<th>Course/Site</th>
<th>Role</th>
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<tbody>
<tr>
<td>2014-Present</td>
<td>College of Medicine, Ziauddin University, Karachi</td>
<td>Adjunct Professor of Biochemistry</td>
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Honors and Awards

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<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
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<tbody>
<tr>
<td>2012</td>
<td>International Publication Award</td>
<td>Al-Imam University</td>
</tr>
<tr>
<td>2013</td>
<td>International Publication Award</td>
<td>Al-Imam University</td>
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ADMINISTRATIVE EXPERIENCE

Administrative Duties

<table>
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<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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</thead>
<tbody>
<tr>
<td>2011-2013</td>
<td>Head of the Assessment Unit</td>
<td>College of Medicine, Al-Imam University, Riyadh</td>
</tr>
<tr>
<td>2011-2013</td>
<td>Member, Curriculum Development Committee</td>
<td>College of Medicine, Al-Imam University, Riyadh</td>
</tr>
<tr>
<td>2011-2013</td>
<td>Member, Faculty Development Committee</td>
<td>College of Medicine, Al-Imam University, Riyadh</td>
</tr>
<tr>
<td>2004-2010</td>
<td>Member, Department of Basic Medical Science</td>
<td>College of Medicine, King Saud Bin Abdulaziz University for Health Sciences, Riyadh</td>
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</tbody>
</table>

Symposium/Meeting Chair/Coordinator

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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<tbody>
<tr>
<td>2014</td>
<td>Chaired a Poster session on Written Assessment</td>
<td>AMEE Conference, Milan, Italy</td>
</tr>
<tr>
<td>2015</td>
<td>Chaired a Town Hall Forum</td>
<td>Second International Health Specialties Conference, Riyadh, Saudi Arabia</td>
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PROFESSIONAL COMMUNITY ACTIVITIES

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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</thead>
<tbody>
<tr>
<td>2012-2014</td>
<td>Member</td>
<td>Association for Medical Education in Europe</td>
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Past Grants
10/18/2008 - 05/31/2010
RC08/020, Evaluation of Biochemical Markers of Preeclampsia
Direct Costs: $23000. Total costs: $45000 Funding Source: King Abdullah International Medical Research Center
Role: Principal Investigator

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Course and Curriculum Development

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Name</th>
<th>Frequency</th>
<th>Target Group</th>
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</thead>
<tbody>
<tr>
<td>2001-2002</td>
<td>General Biochemistry 103</td>
<td>Once a year</td>
<td>Medical Students</td>
</tr>
<tr>
<td>2011-2012</td>
<td>Endocrinology and Metabolism, ENDO310</td>
<td>Once a Year</td>
<td>Medical Students</td>
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<tr>
<td>2011-2012</td>
<td>Hemopoietic System, HAEM320</td>
<td>Once a Year</td>
<td>Medical Students</td>
</tr>
<tr>
<td>2012-2013</td>
<td>Learning Skills, Learn112</td>
<td>Once a Year</td>
<td>Medical Students</td>
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Courses Directed

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Name</th>
<th>Frequency</th>
<th>Target Group</th>
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<tbody>
<tr>
<td>1999-2002</td>
<td>Haemopoetic System 211</td>
<td>Once a year</td>
<td>Medical Students</td>
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<tr>
<td>2000-2004</td>
<td>GIT, Nutrition and Metabolism 117</td>
<td>Once a year</td>
<td>Medical Students</td>
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<tr>
<td>2001-2004</td>
<td>Endocrinology 216</td>
<td>Once a year</td>
<td>Medical Students</td>
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<td>2007-2008</td>
<td>Cardiovascular Sciences CVS-313</td>
<td>Once a Year</td>
<td>Medical Students</td>
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<td>2008-2010</td>
<td>Foundation Studies FDS-301</td>
<td>Once a Year</td>
<td>Medical Students</td>
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Course Lectures

<table>
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<tr>
<th>Year</th>
<th>Course Name</th>
<th>Frequency</th>
<th>Target Group</th>
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<tbody>
<tr>
<td>1996-2004</td>
<td>Cell Biology 202</td>
<td>Once a year</td>
<td>Medical Students</td>
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<tr>
<td>1996-2004</td>
<td>Genetics 203</td>
<td>Once a year</td>
<td>Medical</td>
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<tr>
<td>Time Frame</td>
<td>Course Description</td>
<td>Frequency</td>
<td>Target Group</td>
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<tr>
<td>--------------</td>
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<tr>
<td>2001-2004</td>
<td>General Biochemistry 103</td>
<td>Once a year</td>
<td>Pre-Med Students</td>
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<tr>
<td>2004-2010</td>
<td>Foundation Studies FDS-301</td>
<td>Once a Year</td>
<td>Medical Students</td>
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<tr>
<td>2004-2010</td>
<td>Musculoskeletal Sciences &amp; Substance Abuse MSK-302</td>
<td>Once a Year</td>
<td>Medical Students</td>
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<tr>
<td>2004-2010</td>
<td>Endocrine, Nutrition and Gastroenterology GNE-411</td>
<td>Once a Year</td>
<td>Medical Students</td>
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<tr>
<td>2004-2010</td>
<td>Hematology HEM-312</td>
<td>Once a Year</td>
<td>Medical Students</td>
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**Laboratory Teaching**

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<tr>
<th>Time Frame</th>
<th>Course Description</th>
<th>Frequency</th>
<th>Target Group</th>
<th>Students</th>
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<tbody>
<tr>
<td>1997-2004</td>
<td>GIT, Nutrition and Metabolism 117</td>
<td>Once a year</td>
<td>Medical Students</td>
<td>50</td>
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<tr>
<td>1997-2004</td>
<td>Endocrinology and Metabolism, ENDO310</td>
<td>Once a Year</td>
<td>Medical Students</td>
<td>60</td>
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**Small Group Teaching**

<table>
<thead>
<tr>
<th>Time Frame</th>
<th>Course Description</th>
<th>Frequency</th>
<th>Target Group</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-2010</td>
<td>Endocrine, Nutrition and Gastroenterology GNE-411</td>
<td>Once a Year</td>
<td>Medical Students</td>
<td>35</td>
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<tr>
<td>2011-2013</td>
<td>Hemopoietic System, HAEM320</td>
<td>Once a Year</td>
<td>Medical Students</td>
<td>60</td>
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<tr>
<td>2004-2010</td>
<td>Musculoskeletal Sciences &amp; Substance Abuse MSK-302</td>
<td>Once a Year</td>
<td>Medical Students</td>
<td>35</td>
</tr>
<tr>
<td>2011-2013</td>
<td>Endocrinology and Metabolism, ENDO310</td>
<td>Once a Year</td>
<td>Medical Students</td>
<td>60</td>
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</table>
Other Educational Activities

WORKSHOPS

Lead facilitator

- Problem Based Learning course for Tutors
- Item Writing
- Assessment Blueprint
- Objective Structured Clinical Examination (OSCE)
- Students’ Assessment
- Writing Educational Objectives

Participated

- Fundamentals of Assessment in Medical Education (FAME), 15th Ottawa Conference, 2012
- Student Assessment Workshop with University of Sydney
- Manuscript Writing (Jointly organized by Aga Khan University and British Medical Journal (BMJ) Publishing group)
- 5th GCC certificate course in medical education
PEER-REVIEWED JOURNAL ARTICLES


NON PEER-REVIEWED JOURNAL ARTICLES


REVIEW ARTICLES

BOOK CHAPTERS

CONFERENCE PROCEEDINGS

OTHER (Commentary/Letters/Editorials/Case Reports/Video/Film) Other

Meeting Presentations
International
1. 2012 Siddiqui, I.A. & Obiedat, A. Subjectivity: A Concern in the Continuous Assessment of Students in a Hybrid PBL Based Curriculum. 15th Ottawa Conference, 9-13 March 2012, Kuala Lumpur, Malaysia

National

2003 Siddiqui, I.A. & Jaleel, A. Efficacy of daily vs. weekly supplementation of iron in school children with low iron status. 7th BIENNIAL CONFERENCE Pakistan society for Biochemistry and Molecular Biology, April 2-5, Lahore, Pakistan.

2012 Siddiqui, I.A. Prevalence of Depression, Anxiety and Stress among Medical Students: A Cross-Sectional Study at a Saudi Medical School. 3rd Saudi International Medical Education Conference (SIMEC) 22 – 26 April, Riyadh, Saudi Arabia.

2012 Siddiqui, I.A. Simulated Patients. 1st workshop on Principles of Students’ Assessment, 16-17th March, Al-Imam University
Invited/Visiting Professor Presentations

2011 Students’ Assessment at Al Imam Medical School. Riyadh Medical Education Club Meeting. 27th November, Riyadh, Saudi Arabia.
Veronica Velasco (Tatum), M.D.
Assistant Professor
Paul L. Foster School of Medicine
Department of Medical Education
5001 El Paso Drive
El Paso, Texas 79905
Phone: 915-215-4351
Fax: 915-783-1715
E-mail: veronica.velasco@ttuhsc.edu

EDUCATION

8/96 – 5/00    Bachelor of Science, Microbiology
University of Texas at El Paso
El Paso, Texas
Summa Cum Laude

GRADUATE MEDICAL EDUCATION

8/00 – 6/04    Doctor of Medicine
University of Texas Southwestern Medical Center at Dallas
Dallas, Texas

POSTDOCTORAL TRAINING

7/04 – 6/08    Combined Anatomic and Clinical Pathology Residency
Baylor College of Medicine
Houston, Texas

7/08 – 6/09    Cytopathology Fellowship
University of California San Francisco
San Francisco, California

CERTIFICATIONS AND MEDICAL LICENSURE

7/08    Anatomic and Clinical Pathology Board Certification
American Board of Pathology

10/08    Thin Prep and Surepath Certification

9/09    Cytopathology Board Certification
American Board of Pathology

11/09    Texas Medical License
FACULTY APPOINTMENTS

8/13 – Present
Assistant Professor
Department of Medical Education
Texas Tech University Health Sciences Center
Paul L. Foster School of Medicine
El Paso, Texas

1/12 – 3/13
Clinical Assistant Professor
Department of Pathology
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

HOSPITAL STAFF APPOINTMENTS

1/13 – Present
University Medical Center
Anatomic Pathologist
El Paso, Texas

1/12 – 3/13
University of Oklahoma Medical Center
Anatomic Pathologist
Oklahoma City, Oklahoma

7/09 – 6/11
Kaiser Permanente Hospital
Anatomic and Clinical Pathologist
El Paso, Texas

TEACHING EXPERIENCE

8/13 – Present
Scientific Principles of Medicine, Pathology Didactics
First and Second Year Medical Students
Topics: General principles, skin, cardiovascular, renal, endocrine, and reproductive systems
Paul L. Foster School of Medicine
El Paso, Texas

Sample feedback from anonymous evaluations: Dr. Velasco is, without a doubt, one of the best instructors at PLFSOM. She finds a way to explain difficult material in such a way that students can get a comprehensive grasp of the subject, without feeling like it is "dumbed down". The logical and methodical way she describes each disease, histology slide, and clinical presentation leaves many students finally understanding things which we have been struggling with for days. I have heard several students say, multiple times, that they wish Dr. Velasco could teach all of our lectures. She shows an outstanding interest in student learning and
her ability to communicate effectively enriches the curriculum enormously. Keep up the incredible work!

By far my favorite instructor so far! Dr. Velasco is extremely approachable and I feel like I could ask her any question and she would take the time to explain it to me. She is very knowledgeable in her subject and she makes her expectations clear. I appreciate the bolded sections in powerpoints to let me know what is key information and what is supplemental. I wish Dr. Velasco could teach every subject!

When asked to do a single, voluntary evaluation of any faculty member, I had to pick Dr. Velasco. Throughout the last 2 years, she has always gone above and beyond to help students understand the material. Her lectures are always well-written and presented in a way that really helps students know what is important, why it is important, and how to differentiate various diseases. I admire her and her passion for learning/teaching. Thank you for all the valuable knowledge you have taught us over the years- you have no idea how much you're appreciated!

Dr. Velasco is the best educator on staff at PLFSOM, in my opinion. Her powerpoints are clear, concise, WELL ORGANIZED (which is a surprisingly rare feature of faculty presentations), and never have any typos or mistakes. She is one of two educators who consistently give presentations of such high quality. I know exactly what Dr. Velasco wants us to know and what is important, and I truly feel like she's preparing us well for USMLE Step 1. It's rare to have a professor as brilliant as Dr. Velasco who can also teach to a lower knowledge base (i.e., med students). And bonus points: she always gives us candy and includes pictures of her adorable children. I get the majority of pathology questions right on our formatives and summatives when Dr. Velasco teaches the material because she emphasizes the important features both in lecture and through bolding, color coding, etc. If Dr. Velasco taught 95% of our material, medical school would be way easier. I selfishly want her to stop having adorable babies so she can teach us all the time. Thank you, Dr. Velasco!!!!

9/13-16

Scientific Principles of Medicine, Microbiology Laboratory Sessions
Co-Instructor
First Year Medical Students
Topics: Gram staining, Staph vs. Strep, osteomyelitis
Paul L. Foster School of Medicine
El Paso, Texas
10/13-16

Scientific Principles of Medicine, Worked Case Examples
First and Second Year Medical Student Small Group Sessions
Topics: Musculoskeletal lumps and masses, red and white blood cell disorders, coagulation disorders, and lymphadenopathy
Paul L. Foster School of Medicine
El Paso, Texas

Sample feedback from anonymous evaluations: Dr. Velasco is as great a WCE facilitator as she is a lecturer, and she's my favorite lecturer. Dr. Velasco allows every student to answer questions, and the questions she gives are tough but reasonable. She always answers questions in the most clear and understandable way. She doesn't let the most dominant personalities overshadow the more passive ones and she leads the group so effectively. She's just a really awesome teacher in every way.

Dr. Velasco is understanding, incredibly knowledgeable, treats students with respect, and really gives us ways to understand and remember the material beyond what we were taught in lecture. She is never judgmental, and her WCEs are always so informative and engaging. She's easily my favorite professor.

This was the second time I had Dr. Velasco as a facilitator for work case and again she is an amazing teacher. She allows us students to lead the cases, but will stop and question our thought process and clinical knowledge. She is also great at answering any questions we have. I hope to have her again in the future as a facilitator.

3-4/14

Pathology Review Sessions
First and Second Year Medical Students
Topics: Student-requested combined review sessions for general principles, gastrointestinal, skin and musculoskeletal, hematology, cardiovascular and pulmonary units
Paul L. Foster School of Medicine
El Paso, Texas

Sample feedback from anonymous evaluations: I appreciate the path reviews you do, and hope we can do that more. I think if we could do a mini review on past path units we covered (ex: renal and endocrine hey highlight), that would be super helpful for longterm retention of path. You are an excellent teacher, and I appreciate all the helpful comments you make about what you see/experience as a pathologist in real life and your interactions with clinicians. Thanks for everything you do!

4/14-17

Tank Side Grand Rounds Preparation
Second Year Medical Students
Small group slide review sessions of cadaver biopsies
Paul L. Foster School of Medicine
El Paso, Texas

Sample feedback from anonymous evaluations: I appreciate that Dr. Velasco met with each of our TSGR groups and helped them learn pathology. I felt that I learned a lot from her during our meeting, and it was a good review. She did a good job of teaching the pathology, asking the students questions, and clarifying any confusion. I felt that this meeting was very beneficial.

1/15-17
Medical Skills, Slide Review Sessions
First Year Medical Students
Topics: Red and white blood cell disorders
Paul L. Foster School of Medicine
El Paso, Texas

Sample feedback from anonymous evaluations: Dr. Velasco is really great about actually explaining things and going in depth on how we can understand them, rather than just reading off of slides. For example, the medical skills session we had where she actually taught us how to read the CD markers and read peripheral smears instead of just throwing them on a powerpoint and expecting us to understand what we’re looking at.

Dr. Velasco presented the blood smears to us during medical skills. She did a wonderful job at pointing out characteristics of the smears that helped us remember. I liked how we took turns to answer questions during the session. It allows us to learn from our and other classmates’ mistakes.

During one of the medical skills lectures, she included a lot of important information on leukemias that were in First Aid, but not mentioned in Dr. Padilla’s lecture so I really appreciated that. She is also very organized in her pathology lectures and teaches those very well.

8/15-16
Scientific Principles of Medicine, Microbiology Didactics
First and Second Year Medical Students
Topics: Virology, urinary tract infections, sexually transmitted infections, cystic fibrosis
Paul L. Foster School of Medicine
El Paso, Texas
Sample feedback from anonymous evaluations: Your microbiology lectures are amazing. You have done a fantastic job condensing that material and I feel like you are asking the essential concepts for medical students. Thank you! I like your enthusiasm about teaching pathology and microbiology. Please continue engaging students with gusto. Your slides have a good amount of information and read quite well. In fact, I can study your power points to supplement the reading and I get a lot out of them. Keep up the good work!

1. Dr. Velasco is wonderfully organized in the microbiology she covers. 2. While her lecture slides are always very detailed, she does a very good job of navigating what is most pertinent to know in the very voluminous field of pathology. 3. She brings candy.

1/12 – 1/13
Surgical Pathology and Cytopathology Didactic and Unknown Slide Sessions
Pathology Residents
Topics: Pleura and peritoneum, large bowel neoplasms, EUS pancreas FNAs, exfoliative biliary tract cytology, non-neoplastic lymph node FNAs
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

Sample feedback from chief resident: I was hoping that you might be available to do an extra teaching session. Your teaching style has been highly appreciated by the residents. No pressure to say "yes" – you were just the first choice by the residents.

8/04 – 5/06
Small Group Case Discussion Resident Leader
First and second year medical student small groups
Topics: Gynecologic cytology, parasitology, liver GI and biliary tract, interstitial lung disease, neoplasia
Baylor College of Medicine
Houston, Texas

1/04 – 2/04
Histology Teaching Assistant
First year medical student laboratory course
University of Texas Southwestern Medical Center
Dallas, Texas

1/00 – 5/00
Writing Tutor
Undergraduate students
El Paso Community College
El Paso, Texas

8/96 – 5/99
Biology Peer Facilitator
Undergraduate biology course and laboratory
University of Texas at El Paso
El Paso, Texas

COMMITTEE AND DEPARTMENTAL SERVICE

10/15 – Present  Scholarship Committee, Member
Attend biannual meetings
Paul L. Foster School of Medicine
El Paso, Texas

10/15 – Present  Student Activities Committee, Member
Attend quarterly meetings
Paul L. Foster School of Medicine
El Paso, Texas

8/13 – Present  Unit Director, Endocrine and Reproductive Units
Scientific Principles of Medicine
Prepare and review calendar, prepare and review exams, evaluate
unit curriculum for integration, review student unit evaluations and
assist in end of unit debriefings
Paul L. Foster School of Medicine
El Paso, Texas

8/13 – 4/14  Search Committee for Pathology Clinical Medical Educator,
Member
Paul L. Foster School of Medicine
El Paso, Texas

8/12 – 3/13  Search Committees for Surgical Pathologist, Neuropathologist, and
Pathologist Educator Positions
University of Oklahoma Health Sciences Center
Oklahoma City, Oklahoma

MEDICAL STUDENT SERVICE

10/13 – 5/14  Faculty Advisor for Jonathan Lavezo, MS3-MS4
Paul L. Foster School of Medicine
El Paso, Texas
Current position: Pathology resident at Stanford University
Medical Center

12/13 – Present  Pathology Interest Group, Faculty Co-sponsor
Paul L. Foster School of Medicine
El Paso, Texas
12/13 – 5/15 Catholic Medical Association, Faculty Sponsor
Paul L. Foster School of Medicine
El Paso, Texas

4/14-5/16 Faculty Advisor for Mark Girton, MS3-MS4
Paul L. Foster School of Medicine
El Paso, Texas
Current position: Pathology resident at University of Virginia

1/15 – 5/16 Faculty Advisor for Cynthia Reyes-Barron, MS3-MS4
Paul L. Foster School of Medicine
El Paso, Texas
Current position: Pathology resident at University of Rochester

1/15 – 5/16 Faculty Advisor for Jacob Smith, MS3-MS4
Paul L. Foster School of Medicine
El Paso, Texas
Current position: Pathology resident at University of Pittsburgh Medical Center

1/15 – 5/16 Faculty Advisor for James Gaulding, MS3-MS4
Paul L. Foster School of Medicine
El Paso, Texas
Current position: Pathology resident at Vanderbilt University

PROFESSIONAL ACTIVITY

7/09 – 6/11 Anatomic and Clinical Pathologist
Kaiser Permanente Hospital
San Francisco, California

PROFESSIONAL MEMBERSHIPS

United States and Canadian Academy of Pathology, Member
College of American Pathologists, Member
American Society for Clinical Pathology, Member
Group for Research in Pathology Education, Member

SCHOLARLY ACTIVITY


STACEY VANVLIET, M.D.

801 7TH AVENUE, FORT WORTH, TX 76014-2796
STACEY.VANVLIET@COOKCHILDRENS.ORG, (314)630-8732

EDUCATION
Bachelor of Science- Biology
Magna cum Laude
University of Missouri-Columbia 2008
Doctor of Medicine
University of Missouri-Columbia School of Medicine 2012
Pediatric Residency
Vanderbilt University 2015

BOARD CERTIFICATION AND LICENSURE
American Board of Pediatrics
Board Certified October 2015
PALS/BLS
Certified through 2018

EMPLOYMENT HISTORY
Vanderbilt University, July 2012-June 2015
Cook Children’s Medical Center, September 2015-Present

HONORS AND AWARDS
Phi Beta Kappa, Inducted 2008
Alpha Omega Alpha, Inducted 2012

MEDICAL EDUCATION EXPERIENCE
Residency Recruitment Team, 2012-2015
Resident Advisory Council, 2013-2015
Residents as Teachers Longitudinal Curriculum, 2014-2015
Vanderbilt School of Medicine Simulation Educator, 2014-2015
Cook Children’s Hospitalist Group Education Chair, 2017

COMMITTEE WORK
Children’s Hospitals of Texas (CHAT) Bronchiolitis Collaborative Chairperson
Antimicrobial Stewardship Committee
4P Physician Champion

PUBLICATIONS
Towards High-Value Care: A Quality Improvement Initiative to Reduce Unnecessary Repeat
Complete Blood Counts and Basic Metabolic Panels on a Pediatric Hospitalist Service.
Hospital Pediatrics. October 2015.
Virginia E. Watson, M.D.
5116 Cliffrose Lane
Fort Worth, Texas 76109
(817) 805-2027
gingerwatsonmd@yahoo.com

CURRENT EMPLOYMENT
JPS Physicians Group/Acclaim – Hospitalist & Inpatient Teaching Attending 11/2012- Present
John Peter Smith Hospital

EDUCATION & POSTGRADUATE TRAINING
Family Medicine Resident 7/2009-9/2012
John Peter Smith Hospital

University of California San Diego

Shriners Hospital for Burned Children

General Surgery Resident 7/2003-6/2005
Baylor College of Medicine

University of Texas Medical Branch

M.S. in Molecular Pathology 8/1997-5/1999
University of Texas
Graduate School of Biomedical Sciences

Trinity College

BOARD CERTIFICATION AND MEDICAL LICENSE
American Board of Family Medicine (2012)
TX Medical License M5573

MEDICAL SCHOOL AWARDS
AOA Medical Honor Society (August 2002)
James W. McLaughlin Award for Excellence in Infectious Diseases/Immunology Research; 42nd Annual National Student Research Forum (April 2001)
Best Overall Clinical Sciences Research; UTMB Medical Student Summer Research (July 2000)
NIH T32 Emerging Infectious Disease Medical Student Travel Fellowship (May 2000)

PUBLICATIONS & ABSTRACTS PRESENTED


INTERNATIONAL CLINICAL & RESEARCH EXPERIENCE

Soweto, South Africa (February 2003): Surgery elective at Baragwanath Hospital with an emphasis on trauma and medical management with limited resources.


Belo Horizonte, Brazil (June-August 2000): Field research in rural Brazil to assess the impact of various Schistosomal egg antigen epitopes on immune modulation in the local pediatric population.

Accra, Ghana (June-August 1999): With Global Volunteers I participated in clinical activities, including patient assessment and wound care, while working under the direction of local health care providers.

Nairobi, Kenya (June-August 1997): School for Field Studies student researching the interactions of wildlife populations and the local tribes.
Appendix H: Curricula Vitae for Support Faculty
Razaq Badamosi, MD Curriculum vitae

Date Prepared: February 26th, 2017
Name: Razaq Badamosi, MD, FCCP, RDCS
Address: 405 Majestic CT, Keller Texas 76248

Phone: 313-806-4906
E-Mail: Razeeza@gmail.com
Citizenship: United States
Place of Birth: Nigeria.

Faculty Academic Appointments

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Academic Title</th>
<th>Department,</th>
<th>Academic Institution</th>
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<tbody>
<tr>
<td>09/2013-</td>
<td>Assistant Professor</td>
<td>Internal Medicine,</td>
<td>UT Southwestern Medical Center</td>
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<tr>
<td>Present</td>
<td></td>
<td>Pulmonary and Critical Care Medicine</td>
<td>Dallas, Texas</td>
</tr>
<tr>
<td>06/2008-</td>
<td>Assistant Professor</td>
<td>Medicine</td>
<td>Wayne State University, Detroit</td>
</tr>
<tr>
<td>06/2012</td>
<td></td>
<td></td>
<td>Michigan</td>
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Appointments at Hospitals/Affiliated Institutions

Past

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Position Title</th>
<th>Department/Division</th>
<th>Institution</th>
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<tbody>
<tr>
<td>06/2012-08/2013</td>
<td>Attending Staff Physician</td>
<td>Pulmonary and Critical Care Medicine</td>
<td>Trinity Mother Frances Hospital Tyler, Texas</td>
</tr>
<tr>
<td>06/2008-06/2012</td>
<td>Senior Staff Physician</td>
<td>Pulmonary and Critical Care Medicine</td>
<td>Henry Ford Hospital, Detroit, Michigan</td>
</tr>
<tr>
<td>09/2013-</td>
<td>Attending Staff Physician</td>
<td>Pulmonary and Critical care medicine</td>
<td>Parkland Memorial Hospital, Dallas, Texas</td>
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<tr>
<td>current</td>
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<tr>
<td>02/2017-</td>
<td>Attending Staff Physician</td>
<td>Pulmonary and Critical care Medicine</td>
<td>JPS Hospital Fort Worth</td>
</tr>
<tr>
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Education

<table>
<thead>
<tr>
<th>Year</th>
<th>Degree (Honors)</th>
<th>Field of Study (Thesis advisor for PhDs)</th>
<th>Institution</th>
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<tbody>
<tr>
<td>12/1990-09/1997</td>
<td>MBBS</td>
<td>Bachelor of Medicine and Bachelor of Surgery</td>
<td>University of Jos, Nigeria</td>
</tr>
</tbody>
</table>
**Postdoctoral Training**

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Titles</th>
<th>Specialty/Discipline (Lab PI for postdoc research)</th>
<th>Institution</th>
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<tbody>
<tr>
<td>06/2002-06/2005</td>
<td>Residency</td>
<td>Internal Medicine</td>
<td>Maimonides Medical Center, Brooklyn, New York</td>
</tr>
<tr>
<td>06/2005-06/2008</td>
<td>Fellowship</td>
<td>Pulmonary &amp; Critical Care Medicine</td>
<td>Henry Ford Hospital, Detroit, Michigan</td>
</tr>
<tr>
<td>06/2008-06/2010</td>
<td>Advanced Bronchoscopic Training</td>
<td>Endobronchial Ultrasound</td>
<td>Henry Ford Hospital, Detroit, Michigan</td>
</tr>
<tr>
<td>06/2008-01/2011</td>
<td>Instructor</td>
<td>Advanced Cardiac Life Support</td>
<td>Henry Ford Hospital, Detroit, Michigan</td>
</tr>
<tr>
<td>01/2009</td>
<td>Certification</td>
<td>Critical care Ultrasonography</td>
<td>Henry Ford Hospital, Detroit, Michigan</td>
</tr>
<tr>
<td>10/2012</td>
<td>RDCS</td>
<td>Registered Diagnostic Cardiac sonographer</td>
<td>Henry Ford Hospital, Detroit, Michigan</td>
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**Honors and Awards**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of Honor/Award</th>
<th>Awarding Organization</th>
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<tbody>
<tr>
<td>2015/2016</td>
<td>Outstanding Teaching Award</td>
<td>University of Texas southwestern Dallas, Department of Internal Medicine</td>
</tr>
<tr>
<td>06/2008-2012</td>
<td>Press Ganey- Patient Satisfaction</td>
<td>Henry Ford Hospital, Michigan</td>
</tr>
<tr>
<td>10/2007</td>
<td>Best Case Presentation</td>
<td>American College of Chest Physicians</td>
</tr>
<tr>
<td>09/1997</td>
<td>Best Graduating Doctor</td>
<td>Jos University Medical School, Nigeria</td>
</tr>
<tr>
<td>1995-1996</td>
<td>Merit Scholarship Award for Academic Excellence</td>
<td>Jos University Medical School, Nigeria</td>
</tr>
<tr>
<td>1993</td>
<td>Distinction in Anatomy</td>
<td>Faculty of Medical Sciences, University of Jos, Nigeria</td>
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**Other Professional Positions**

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<thead>
<tr>
<th>Year(s)</th>
<th>Position Title</th>
<th>Institution</th>
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<tbody>
<tr>
<td>06/2008-06/2012</td>
<td>Faculty and Instructor Critical Care Ultrasound</td>
<td>Henry Ford Hospital, Detroit, Michigan</td>
</tr>
<tr>
<td>06/2011-</td>
<td>Instructor Clinical Ultrasonography</td>
<td>Wayne State Medical School</td>
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</table>
Current Licensure and Certification

License
Texas State Physician License
Michigan State Medical License

Board and Other Certification
American Registry of Diagnostic and Medical Sonography (RDCS-Adult Echocardiography)
American Board of Internal Medicine: Critical Care Medicine, Board Certified
American Board of Internal Medicine: Pulmonary Diseases, Board Certified
American Board of Internal Medicine: Internal Medicine Board Certified
USMLE
ECFMG Certification

Invited Lectures

Cavitary Non Tuberculous Mycobacteria Masking the Diagnosis of Lung Adenocarcinoma in an Immunocompetent 32 year old patient. ACCP Presentation, Salt Lake City, Utah, October 2006

HIV Infection and AIDS in the ICU, Critical Care Grand Rounds- Henry Ford Hospital, Detroit, Michigan, August 2007

Asbestosis and Asbestos related Lung Disease, Pulmonary Grand Rounds- Henry Ford Hospital, Detroit, Michigan, April 2008

Venous Thromboembolism, Internal Medicine- Henry Ford Hospital, Detroit, Michigan, February 2010

Bibliography

Original Research Articles

Eyad Kawar, Abdel-Ghanie Abu-Samra, Juan B. Iribarren, Mahmoud Mahafzah, and Razaq Badamosi
MORTALITY PREDICTORS IN CANCER PATIENTS ADMITTED TO THE INTENSIVE CARE UNIT; DEVELOPING THE HENRY FORD SCORE

Ogbu, O. and R. Badamosi
"ARE OFF-HOURS ADMISSIONS TO THE ICU ASSOCIATED WITH DECREASED COMPLIANCE WITH THE SEPSIS RESUSCITATION BUNDLE?"
Critical Care Medicine 2010 38(12): 399.

Sankalp Choudhri MD* Razaq Badamosi MD Robert Pensler MD Alan D. Betensley MD
MICROBIOLOGY OF BRONCHOALVEOLAR LAVAGE FROM
SURVEILLANCE BRONCHOSCOPY IN LUNG TRANSPLANT RECIPIENTS

Deepti Verma, MD, Razaq Badamosi, MD, Shobha Sharma, DO, Monica Ghitan, MD, Edward Chapnick, MD, Nitin Bhanot, MD.
THE YIELD OF BLOOD CULTURES IN COMMUNITY ACQUIRED CELLULITIS (CAC)

Razaq A. Badamosi MBBS, MD* Mike Simoff MD Megha Mohey MD
CHANGES IN AIRWAY MICROBIOLOGY FOLLOWING PLACEMENT OF AIRWAY STENTS

Razaq Badamosi, M.D. Bruno DiGiovine, MD, Haris Rana, MD,
IMPACT OF BLOOD CONSERVATION STRATEGY IN THE MEDICAL INTENSIVE CARE UNIT (THE ANEMIA BUNDLE)—Completed, pending Publication
Chris P. Bajaj, DO, FACE, ECNU
7801 Oakmont Blvd.
Suite 101
Fort Worth, Texas
817-263-0007
Fax- 817-263-1118
cbajaj@dtc-fw.com

Experience:
Board Certified – Endocrinologist
Fellow of the American College of Endocrinology (FACE)
Adjunct Clinical Assistant Professor:
    University of North Texas Health Science Center
Endocrine Certification of Neck Ultrasounds (ECNU)

Diabetes and Thyroid Center of Fort Worth
Chris Bajaj DO, PA
President
7801 Oakmont Blvd., Suite 100
Fort Worth, Texas 76132
November 1, 2007 – present

Endocrinology and Reproductive Medicine of Tarrant Co.
Grapevine, Texas
September 2005 – October 2007

Clinical Research:
Principal Investigator, Hypoparathyroidism Registry
“PARADIGHM”, A natural history registry for patients
with chronic hypoparathyroidism.

Principal Investigator, SaxaDapa5, A multi-Center,
Randomised, Double-Blind, Active-Controlled, Parallel
Group, Phase III, Trial to Evaluate the Safety and Efficacy
of Saxagliptin 5 mg Co-administered with Dapagliflozin 5
mg compared to Saxagliptin 5 mg or Dapagliflozin 5 mg all
given as Add-on therapy to Metformin in Patients with
Type 2 Diabetes who have Inadequate Glycaemic Control
on Metformin Alone.

Principal Investigator, A Long-Term Outcomes Study to
Assess Statin Residual Risk Reduction with EpaNova in
HiGh Cardiovascular Risk PatiEnTs with
Hypertriglyceridemia (STRENGTH).
Principal Investigator, Trial 1218.149: A 24 week randomized, double-blind, placebo-controlled, parallel group, efficacy and safety trial of once daily linagliptin, 5 milligrams orally, as add on to basal insulin in elderly Type 2 Diabetes Mellitus patients with insufficient glycaemic control

Principal Investigator, EX1250-4080: A trial comparing cardiovascular safety of insulin degludec versus insulin glargine in subjects with type 2 diabetes at high risk of cardiovascular events

Principal Investigator, NN1218-409: Efficacy and safety of FIASp in basal-bolus regimen versus basal insulin therapy, both in combination with metformin in adult subjects with type 2 diabetes

Principal Investigator, CREDENCE Trial, a Phase III outcomes study evaluating treatment with canagliflozin on end stage kidney disease and vascular death in subjects with type 2 diabetes mellitus and nephropathy, 2015.

Sub-Investigator, NN1250-4252, A trial comparing the efficacy and safety of insulin degludec and insulin glargine 300 units/mL in subjects with type 2 diabetes mellitus inadequately treated with basal insulin with or without oral anti-diabetic drugs.

Sub-Investigator, LPS 14587, A randomized, active-controlled, parallel group, 16-week open label study comparing the efficacy and safety of the morning injection of Toujeo (insulin glargine-U300) versus Lantus in patients with type 1 diabetes mellitus.

Sub-Investigator, Harmony Outcomes Trial, A long term, randomized, double blind, placebo-controlled study to determine the effect of albiglutide, when added to standard blood glucose lowering therapies, on major cardiovascular events in patients with Type 2 diabetes mellitus.

Sub-Investigator, NN9535-3627: SUSTAIN5- Efficacy and safety of semaglutide once-weekly versus placebo as add-on to basal insulin alone or basal insulin in combination with metformin in subjects with type 2 diabetes.
Sub-Investigator, A randomized, 30 week, active-controlled, open-label, 3-treatment arm, parallel-group multicenter study comparing the efficacy and safety of insulin glargine/lixisenatide fixed ratio combination to insulin glargine alone and to lixisenatide alone on top of metformin in patients with Type 2 diabetes mellitus.

Sub-Investigator, NN5401-3941: BOOST®: SIMPLE vs. STEPWISE – A trial comparing the efficacy and safety of two different titration algorithms for insulin degludec/insulin aspart in subjects with type 2 diabetes mellitus previously treated with insulin glargine.

Sub-Investigator, NN9535-3744: SUSTAIN 6- A long-term, randomized, double-blind, placebo-controlled, multinational, multi-center trial to evacuate cardiovascular and other long-term outcomes with semaglutide in subjects with type 2 diabetes.

Sub-Investigator, NN5401-4003: BOOST INTENSIFY A randomized trial comparing efficacy and safety after intensification with either insulin aspart once daily as add-on or changing to basal bolus treatment with insulin degludec and insulin aspart in subjects with type 2 diabetes previously treated with insulin degludec/insulin aspart twice daily.

**Service:**
Baylor Quality Alliance- member of Endocrinology Subcommittee, 2014-present
Leadership Board Member, American Diabetes Association 2011

**Post Graduate Training:**
University of Texas Medical Branch
Galveston, Texas
Fellowship – Endocrinology and Metabolism
July 2003 – June 2005

AACE Nuclear Medicine Course
August 2009
Certified Clinical Densitometrist  
International Society for Clinical Densitometry  
April 2005

**Education:**  

*D.O.*, University of North Texas Health Science Center  
Texas College of Osteopathic Medicine  
Fort Worth, Texas  
August 1996 – May 2000

*B.A.*, University of Texas at Austin  
Austin Texas  
Major: Biology  
Minor: Chemistry  
August 1992 - May 1995

**Certifications:**  

*Board Certified in Endocrinology and Metabolism*, 2005  
American Board of Internal Medicine

*Endocrine Certification of Neck Ultrasound*  
American Association of Clinical Endocrinology

**Licensure:**  

Texas State Board of Medical Examiners

**Honors and Awards:**  

*Post Graduate*  
Bridges to Excellence, Diabetes Care Recognition  
Voted “Top Doc” by Fort Worth Magazine,  
Voted “Rising Star” by Texas Monthly 2013

*Medical School*  
Dean’s List, Clinical Rotations, 1998-1999  
Sparks Foundation Scholarship, 1999  
Emergency Medicine Club Secretary, 1997 – 1998
Undergraduate
Alpha Epsilon Delta, Pre-Medical Honor Society, 1992 -95
Vice-President’s Honor Roll, 1991 – 1992

Memberships:
American Association of Clinical Endocrinologists
The Endocrine Society
American Diabetes Association
American Medical Association

Publications:

References:
Furnished upon request
Saravanan Balamuthusamy (Bala) MD, FASN, FASDIN

Email: sbala@ppghealthcare.com

Education and Training:

- Bachelor of Medicine and Bachelor of Surgery (MB, BS): Madras Medical College and Research Institute, Chennai, India. June 1995 to May 2001 includes one year of internship (May 2000 to May 2001) GPA - 3.7/4
- Masters of Public Health: Wichita State University, Wichita Kansas. 08/2001 to 05/2003 GPA - 4/4
- Internal Medicine PGY-1: Rosalind Franklin University of Medicine and Science/Chicago Medical School, Chicago. 08/03 - 07/04
- Internal medicine PGY2 and PGY3: Rosalind Franklin University School of Medicine/Chicago medical school (08/04 – 07/06
- Chief Medical Resident: Rosalind Franklin University/ Chicago Medical School (07/06 – 06/07)
- Nephrology Fellowship: Tulane University (07/07 – 06/09)
- Chief Fellow: Nephrology Fellowship (Tulane University- July 2008- June 2009)
- Interventional Nephrology: New Orleans April 2009 to July 2009

Academic Appointment

Clinical Instructor and Chief Resident, Rosalind Franklin University, Chicago 06/2006 to 06/2007

Chief Fellow: Tulane University : 06/2008 to 05/2009

Assistant Professor of Clinical Medicine : University of Arizona, College of Medicine, 02/2012 to 10/2014

Associate Professor of medicine: University of North Texas, FW, TX; 11/2014 to current

Administrative appointment:

- Associate Director of Medical Education: Medical City Fort Worth (2015- present)
- Associate Program Director: Internal Medicine Residency Program ( 2015 to present)
- Director of Research : Internal Medicine Residency program , Medical City Fort Worth
- Director of Interventional Nephrology Training Program: PPG Vascular
- Board of Director: National Kidney Foundation, Texas Chapter
- Curriculum Co-director: Internal Medicine Residency program, Medical City Fort Worth
- Clinical Competency Committee Chairman : Internal Medicine Residency Program, Medical City Fort Worth
- Leadership Committee: Medical City Forth Worth
Co-Chair: Graduate Medical Education Committee, Medical City Fort Worth

Research experience:

- Prospective cross-over analysis of Dimesol dialyzer
  PI (Tarrant Nephrology)
- Lutonix trial
  PI (Tarrant Nephrology)
- Centros Flo prospective multicenter study
  PI (Tarrant Nephrology)
- Predictors of cephalic arch stenosis
  PI (Angiocare/University of Arizona)
- Access flow and Cardiovascular Outcomes
  PI (Angiocare Tucson)
- RESCUE Trial: Multicenter randomized double blinded case control study
  PI (stent vs PTA for bare metal in-stent stenosis in hemodialysis)
- Split-tip vs symmetric tip catheter
  PI, Angiocare (case control).
- Optimization of access flow through inflow banding
  PI, Angiocare (Prospective analysis)
- Stent graft patency in AV fistula
  PI, Angiocare (BARD vascular) (Prospective analysis)
- Flow dynamics of cephalic arch and Swing site stenosis in AV fistulas
  PI, Angiocare (Bard) (Prospective analysis)
- Renin vein sampling in non-occlusive Renal artery stenosis
  PI, Angiocare (Retrospective)
- Role of PACAP in cisplatin-induced AKI in mice models
  Invitro (HK2 cells) and invivo studies in mice models (Dr.Batuman)
- Mechanisms of Light Chain induced proximal Tubule damage
  Invitro (HK2) cells (Dr.Batuman)
- Renoprotective effects of statins in light chain induced AKI models
  Invitro (HK2) cells
- Role of RAAS blockade in chronic kidney Disease
  Review and Meta-Analysis
- Regeneration of renal cells using omental Tissue
  Basic Research at Heakton Institute of Medical Research (Dr.Singh)
- Decreased urinary peptide excretion in patients with renal failure
  The Heakton Institute of Medical and Cook County Hospital, Chicago (Dr.Ashok Singh)
- Beta-blockers in diabetic hypertensive Patients
  Meta-analysis of randomized trials

Manuscripts submitted for review:

Full text manuscripts published in peer reviewed journals:


Balamuthusamy, Saravanan; Khosla, Sandeep; Meka, Srinivasa; Srinivasan, Lavanya; Ahmed, Aziz; Benatar, Daniel; Trivedi, Atul; Siddique, Muntaz; Arora, Rohit Clinical Utility of Cardiac Troponin I in the Diagnosis of Acute Coronary Syndrome in Patients With Renal Failure. Original Article: American Journal of Therapeutics. American Journal of Therapeutics. 14(4):356-360, July/August 2007

National and International Oral Presentations:

Saravanan Balamuthusamy1,2, Joylon Schilling3, Omid Bhaktar3, Natasha Sharda1, Sangeeta Murugapandian2, Prakash Gautam2 and Nishant Jalandhara. Flow reduction in high-flow AV fistulas improve cardiovascular parameters and decreases need for hospitalization. ASDIN 2014 Conference.

Saravanan Balamuthusamy: Tunneled central venous catheters in hemodialysis. CIDA 2013 Conference at San Francisco


Saravanan Balamuthusamy, Benjamin Estes, Mark Taylor, Sasha Monty and John Lucas. Stent grafts are superior to angioplasty in improving patency in juxta-anastomosis stenosis in AV fistulas. Oral presentation at ASN 2010 San Diego.

Saravanan Balamuthusamy, Min Li, Eric E Simon and Vecihi Batuman. Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP-38) reduces apoptosis and renal tubular damage in Cisplatin induced AKI. Young Investigator Forum; Kidney and Electrolyte session at the Southern Society of Clinical Investigation, 2008 at New Orleans.

- **Balamuthusamy S** Molnar J Arora R Hathiwala S Smith E. Combination of beta-blockers and diuretics increase the occurrence of new onset diabetes mellitus in hypertension: a meta-analysis (World Congress of Nephrology, 2007 at Rio De Janero, Brazil).


- **S. Balamuthusamy**, J. Molnar, A. Arora, S. Hathiwala, M. Stancu, V. Kodamuri, E. Smith. Rosalind Franklin University, North Chicago, United States of America. ACE inhibitors are superior to betablockers in decreasing the risk for cardiovascular and total mortality in hypertensive patients with diabetes mellitus. Featured Oral Presentation at the European Society of Cardiology Conference 2007-2008, held at Vienna, Austria


Abstracts published:

- Srinath Sundararajan, MD, Mugilan Poongkunran, MBBS*, Chithra Poongkunran, MD*, Arun Kannan, MD*, and **Saravanan Balamuthusamy**, MD FASN*. Efficacy and Bleeding Risk of Newer Anticoagulants Compared to Conventional Treatment in Patients with Chronic Kidney Disease- a Meta-Analysis of Randomized Controlled Trials. December 3, 2015; Blood: 126 (23)

- **Saravanan Balamuthusamy** (1, 2), Peter Nguyen (1), Suman Bireddy (1), Avinash Vallurapalli (1) Raju Raghunath(3) and Oladapo Afolabi (1). Clinical Predictors of recurrent stenosis and the need for re-intervention in the cephalic arch in patients with brachio-cephalic AV fistulas. ASDIN 2015 conference at Orlando

- Rick Mishler (1), **Saravanan Balamuthusamy** (2,3. Basilic Vein transposition fistulas created by a Nephrologist: 8 year experience. ASDIN 2015 conference at Orlando

- **Saravanan Balamuthusamy**, Arun Kannan, Raul Ivan Medina, Dean Ottley and Nishant Jalandara. Mild renal artery stenosis can induce Renovascular hypertension and is associated with elevated renal vein renin secretion. ASDIN 2014.

- Arun Kannan, Univ of Arizona, Tucson, AZ; Saravanan Raul Medina,Angiocare, Tucson, AZ; Nagapradeep Nagajothi, Cardiovascular Consultants, Canton, OH; Mark Borgstrom, Univ of Arizona, Tucson, AZ, **Balamuthusamy**, Angiocare, Cardiovascular Mortality In ESRD Patients Undergoing Coronary Artery Bypass Grafting Vs Percutaneous Coronary Intervention- A Meta Analysis. Accepted for poster presentation at American Heart Association conference 2013.

- **Saravanan Balamuthusamy**, *Renal sympathetic nervous system and the effects of denervation of the renal arteries: A Nephrologists perspective*; 2nd International Conference of Nephrology and Therapeutics, Las Vegas July 2013.

Katherine T Mills1; L Lee Hamm2; Brent Alper2; Chad Miller2; Alhakam Hudaihed2; Saravanan Balamuthusamy2; Chung-Shiuan Chen1; Yanxi Liu1; Joseph Tarsia2; Nader Rifai3; Myra Kleinpeter2; Jing Chen. Circulating Adipocytokines and Risk of Chronic Kidney Disease. Circulation 2013 Print ISSN: 0009-7322 Online ISSN: 1524-4539.

Saravanan Balamuthusamy, Benjamin Estes, Mark Taylor, Sasha Monty and John Lucas. Stent grafts are superior to angioplasty in improving patency in juxta-anastomosis stenosis in AV fistulas. Oral presentation at ASN 2010 San Diego.


Saravanan Balamuthusamy, Min Li, Christina Primo, Ana Wei, Eric E Simon and Vecihi Batuman. Statins decrease cytotoxicity and reduce IL6 and MCP1 release in light chain treated HK2 cells. JASN supplement November 2008.

Jing Chen, MD, MS; Brent Alper, MD; Chad Miller, MD; Myra A. Kleinpeter, MD; Saravanan Balamuthusamy, MD; Kathryn Royse, MPH; Chung-Shiuan Chen, MS; Lindsey Powers, BS; Tarsia, Joseph, MS; Nader Rifai, PhD; L Lee Hammi, MD. Plasma levels of leptin, resistin, and adiponectin and risk of chronic kidney disease. Accepted for poster presentation in American Society of Nephrology 2008 at Philadelphia and JASN supplement November 2008.


Saravanan Balamuthusamy and Brent Alper Tissue ACE inhibitors are not superior to Plasma ACE inhibitors in decreasing cardiovascular events in hypertensive patients with Chronic Kidney Disease (CKD): A Meta-analysis. Poster presentation in American Society of Hypertension 2008 in New Orleans


Saravanan Balamuthusamy, Rajesh Shenava, Rubin Zhang, Tariq Islam, Anil Paramesh and Brent Alper. Renin Angiotensin System (RAS) blockade improves graft survival in adults.
transplanted with single pediatric kidneys - A Retrospective analysis. Accepted for Oral presentation at the Southern Society Research Conference 2008 at New Orleans.


- Nagapradeep Nagajothi, Saravanan Balamuthusamy, Sasikanth Adigopula, Sandeep Khosla. Pioglitazone decreases cardiovascular outcomes in patients with Diabetes Mellitus. Accepted for oral presentation at the annual 2007 AHA scientific sessions held at Orlando.

- Meenakshi Verma, Saravanan Balamuthusamy and Earl Smith. RAS blockade is comparable to control antihypertensive therapy in reducing cardiovascular outcomes in hypertensive patients with diabetic nephropathy. Accepted for poster presentation at ASN Renal week 2007 and JASN October 2007 Supplement.


- S. Balamuthusamy, J. Molnar, A. Arora, S. Hathiwala, M. Stancu, V. Kodumuri, E. Smith. Rosalind Franklin University, North Chicago, United States of America. ACE inhibitors are superior to betablockers in decreasing the risk for cardiovascular and total mortality in hypertensive patients with diabetes mellitus. Accepted for Featured Oral Presentation at the European Society of Cardiology Conference 2007-2008, held at Vienna, Austria.


- **Balamuthusamy S** Molnar J Arora R Hathiwala S Smith E. Combination of beta-blockers and diuretics increase the occurrence of new onset diabetes mellitus in hypertension: a meta-analysis (Oral Presentation). Kidney International (in press)


- **Saravanan Balamuthusamy**, MD1, Janos Molnar, PhD1, Rohit Arora, MD1, Suresh Hathiwala, MD2, Jen Cheng, MD1 and Earl Smith, MD2. Beta-blockers and Risk for Stroke in Hypertensive Patients with Diabetes Mellitus. Journal of Clinical Hypertension. Vol (9); 5 Supplement A

- **Saravanan Balamuthusamy**, MD1, Rohit Arora, MD1, Suresh Hathiwala, MD2, Arjun Das, MD1, Sasikanth Adigopula, MD1, Meenakshi Verma, MD1 and Earl Smith, MD2. Cardiac Troponin I has Decreased Utility for Diagnosing Obstructive Coronary Artery Disease in Renal Failure patients with Sub-optimal Blood Pressure Control. Journal of Clinical Hypertension. Vol (9); 5 Supplement A

**Lectures:**

- Acute Kidney Injury: Pathophysiology and Management
- Hyponatremia: Water hemostasis
- Hypo and Hyperkalemia: basics in renal physiology
- Nuts and Bolts of Vascular Access
- Endovascular management of Dialysis vascular access
- Liver and kidney: pathophysiology
- Renal sympathetic nerve denervation: Nephrologists perspective
- Evaluation and Management of Chronic kidney disease: An update’
- Tunneled central venous catheters
- Acid base: fundamentals and case s
- Hypertension: Pathophysiology and management
- Proteinuria: know the basics

**Honors and Awards:**

- Fellow of the American Society of Nephrology 2010
- Fellow of the American Society of Diagnostic and Interventional Nephrology 2016
- Alpha Omega Alpha Honors Society ‘ 2007
- Sigma Xi Honors Society ‘ 2007
- Medical Mystery: Illinois ACP chapter 2006
Professional membership:
- American College of physicians
- National Kidney Foundation
- American Heart Association –Kidney Council
- American Society of Nephrology
- American Society of Diagnostic and Interventional Nephrology

Editorial Board:
- World Journal of Cardiology
- Journal of Cardiology and Therapeutics

Ad-Hoc reviewer
- Lancet
- American Journal Of Cardiology
- American Journal Of Nephrology
- Kidney International
- Southern Medical Journal
- American Journal of Transplantation
- Nephrology
- American Journal of Medical Sciences
- American Journal of Therapeutics

Certification and licensure:
- ASH certified specialist in Clinical Hypertension
- ASDIN certified In Interventional Nephrology (2010)
- ABIM Board Certified
- ABIM Nephrology certified (valid through 2019)
- ECFMG certified (2003)
- Advanced Cardiac Life Support (current)
- Arizona Medical Licence (current)

Research Interests:
- Dialysis vascular access maturation
- Renovascular hypertension
- Protein biomarkers in systemic disorders
- Hypertension
- Protein trafficking in proximal tubules
- Renal regeneration.
References:

1. Dr. Pradeep Kadambi: Director of solid Organ Transplant; university of Arizona, Tucson
2. Dr. Arif Asif; Chief of Nephrology; University of Albany Medical Center; Albany, New York
3. Dr. Eric Simon; Chief of Nephrology, Tulane University Medical Center, New Orleans, Louisiana
RIM BANNOUT, M.D.
6805 St. Andrews Ct., Fort Worth, TX 76132
Home: (817) 346-7722 – Cell: (817) 228-6886 – Pager: (817) 654-5787
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Education:

1985-1989
Doctor of Medicine
University of Miami - School of Medicine
Miami, Florida

1983-1985
Bachelor of Science, Chemistry
University of Florida
Gainesville, Florida

1981-1983
Miami-Dade College
Miami, Florida

Post Graduate Training:

1992-1995
Cardiology Fellowship
UCLA - San Fernando Valley Program
Los Angeles, California

1989-1992
Internal Medicine Residency
UCLA - San Fernando Valley Program
Los Angeles, California

Work Experience:

2011 – Present
Volunteer Faculty
UT-Southwestern Medical Center
Dallas, Texas

2005 – Present
Director, Cardiovascular Education
Family Practice Program at JPS Health Network
Fort Worth, Texas

2001 – 2004
Assistant Clinical Professor
UT-Southwestern Medical Center
Dallas, Texas

1998 – Present
Staff Cardiologist, John Peter Smith Hospital
Fort Worth, Texas

1998 – 2003
Medical Director, non-invasive cardio diagnostic
laboratory at John Peter Smith Hospital
Fort Worth, Texas

1995 – 1997
Associate Cardiologist, Regional Cardiology Associates
Sacramento, CA
Committees & Appointments

2017
Clinician Experience Project, JPS Health Network, Fort Worth, Texas

2016-Present
Joslin Diabetes Project, JPS Health Network, Fort Worth, Texas

2010-Present
Practitioner Advisory Council, JPS Health Network, Fort Worth, Texas

2009-2011
CME Committee, JPS Health Network, Fort Worth, Texas

2003-2010
Peer Review Committee, JPS Health Network, Fort Worth, Texas

1998-2004
Guidelines and Pathways Committee, JPS Health Network, Fort Worth, Texas

Certification & Licensure:

2017
Board Certified, American Board of Cardiovascular Disease

2007
Board Certified, American Board of Cardiovascular Disease

1998-Present
State of Texas medical license No. K4364

1997
Board Certified, American Board of Cardiovascular Disease

1990
State of California Medical License No. G69330

1990
National Board of Medical Examiners - Part III

1989
National Board of Medical Examiners - Part II

1987
National Board of Medical Examiners - Part I

Memberships:
Member of the American Society of Echocardiography
Fellow of The American College of Cardiology
Member of The American Heart Association

Awards and Honors:

2011
Best Doctors 2011, Fort Worth Magazine

2010
Best Lecture Award, JPS Health Network
2009 | Best Doctors 2009, Fort Worth Magazine

2008 | Award for Outstanding Service and Dedication to the JPS Sport Medicine Fellowship

2004 | Excellence in Specialty Teaching Award
John Peter Smith Hospital

2001 | America’s Registry of Outstanding Professionals

1998 | Excellence in Specialty Teaching Award
John Peter Smith Hospital

1985 | President’s Recognition Award for Outstanding Student at University of Florida

1984-Present | Honor Member of Phi Kappa Phi

1984-Present | Honor Member of Lota Sigmi Pi

1983-1985 | President’s Honor Roll at University of Florida (GPA: 4.00)

1983 | Department Award Winner in Natural Science

1982 | Recipient of William L. McKnight Academic Scholarship Emphasis on Excellence

1981-1983 | Dean’s Honor list at Miami-Dade Community College (GPA: 4.00)

Research:

The effect of Zinc supplementation on inflammatory cells infiltration and smooth muscle migration following vascular injury.

Participated in the multi-center Trial “STAT-CHF” evaluating the role of Amiodarone in congestive heart failure.

Publications:

Rana, Hetal, MD; Bannout, Rim, MD, FACC; JPS Health Network, Fort Worth, TX; An Unusual Case of Chest Pain; The Journal of Family Practice; Vol56, No12, Pages 1037-1038; December 2007;

Naiser, Jennifer A. DO; Schaller, Frederick A., DO, FACC; Bannout, Rim, MD, FACC; Tak, Tahir, MD, PhD; JPS Health Network, Fort Worth, TX; Kawasaki Disease Causing Giant Saccular Aneurysms of the Coronary Arteries; Texas Heart Institute Journal; 2008;
Rance E. Berg, Ph.D.

Current Position and Address
Associate Director, Medical Sciences M.S. Program
Graduate Advisor, Cell Biology, Immunology & Microbiology Graduate Program
Associate Professor
Institute for Molecular Medicine &
Department of Medical Education
University of North Texas Health Science Center
3500 Camp Bowie Blvd.
Fort Worth, Texas 76107
Office: (817) 735-2121
Lab: (817) 735-2158
Rance.Berg@unthsc.edu

Education
1988-1992 Bachelor of Science, Major: Biology, Minor: Chemistry
DePaul University, Chicago, IL
Graduated Summa Cum Laude

1994-1999 Doctor of Philosophy, Immunology and Microbiology
The University of Colorado Health Sciences Center, Denver, CO

Professional Experience
1992-1994 Research Technician
The Don and Sybil Harrington Cancer Center, Amarillo, TX
(Advisor- Dr. Carl W. Pierce)

1995-1999 Predoctoral Fellow
National Jewish Medical and Research Center, Denver, CO
(Mentor- Dr. Uwe D. Staerz)

2000-2005 Postdoctoral Fellow
The University of Texas Southwestern Medical Center, Dallas, TX
(Mentor- Dr. James Forman)

2005-2012 Assistant Professor
University of North Texas Health Science Center, Fort Worth, TX

2007-2014 Graduate Advisor for the Microbiology and Immunology Graduate Program
University of North Texas Health Science Center, Fort Worth, TX

2012-present Associate Professor
University of North Texas Health Science Center, Fort Worth, TX
2014-present  Graduate Advisor for the Cell Biology, Immunology & Microbiology Graduate Program
University of North Texas Health Science Center, Fort Worth, TX

2016-present  Associate Director, Medical Sciences M.S. Program
University of North Texas Health Science Center, Fort Worth, TX

**Awards and Honors**
First place award for postdoctoral fellow presentation at The University of Texas Southwestern Medical Center annual Immunology retreat (May 2001)
AAI-Huang Foundation Trainee Achievement Award (April 2002 FASEB meeting)
NIH award to attend Keystone Symposium on Innate Immunity to Pathogens (January 2005)
Co-Chair of Block symposium at AAI meeting: “Neutrophils and other Myeloid Cells” (May 2012)
AAI Early Career Faculty Travel Grant (May 2012 AAI meeting)
AAI Laboratory Travel Grant (May 2015 AAI meeting)
Recipient of the UNTHSC Golden Apple Teaching Award (2016)

**Memberships**
American Association of Immunologists
American Association for the Advancement of Science
American Society for Microbiology

**Manuscript Review Experience**
Journal of Leukocyte Biology (2007-present)
Life Sciences (2007-present)
European Journal of Immunology (2009-present)
Microbes and Infection (2009-present)
The Journal of Immunology (2009-present)
BMC Microbiology (2010-present)
Blood (2011-present)
PLoS Pathogens (2011-present)
Clinical and Vaccine Immunology (2012-present)
PLoS ONE (2013-present)
The Journal of Infectious Diseases (2013-present)
Nature Communications (2014-present)
Infection & Immunity (2015-present)
Frontiers in Microbiology and Immunology (2015-present)
Experimental Eye Research (2016-present)
Immunology and Cell Biology (2016-present)
Cellular and Molecular Immunology (2017-present)
Editorial Board Service
Associate Editor for The Journal of Immunology (2014-present)
Review Editor for Microbial Immunology section of Frontiers in Microbiology and Immunology (2015-present)

Grant Review Experience
North Carolina Biotechnology Center (2007-present)
UNTHSC Intramural Interdisciplinary Research Seed Grants (2/2007)
UNTHSC-UNT Joint Institutional Seed Research Program (2/2008)
NIH-NIAID (ZAI1 JTS-I-C1, N01: “Protective Immunity in Special Populations”) (10/2010)
Austrian Science Fund (FWF) (4/2011)
NIH-NIAID (ZAI1-BDP-M-M1, R01: "Strategies for the Protection of Pregnant Women and Infants against Infectious Diseases") (2/2012)
NIH-NIAID (2013/01 ZRG1 IMM-N (03) M: Program Project Grant) (9/2012)
NIH-NIAID (ZAI1-BDP-M-M1, R01: “U.S.-China Program for Biomedical Collaborative Research”) (2/2013)
UNTHSC Institute for Aging and Alzheimer’s Disease Research (IAADR) Seed Grants (7/2013)
NIH-NIAID (2013/01 ZRG1 IMM-N (03) M: Program Project Grant) (9/2013)
NIH-NIAID (AI-12-048, U19: “Immune Mechanisms of Virus Control”) (10/2013)
NIH-NIAID (R13/U13: “NIH Support for Conferences and Scientific Meetings”) (11/2013)
NIH-NIAID (ZRG1 F07-J20L: Fellowship applications) (10/2014)
NIH-NIAID (ZRG1 IMM-J81A: AREA Applications) (10/2014)
NIH-NIAID (ZAI1-MFH-M-J1, U19: “Immunity to HCV Infection) (10/2015)
Chair of the Scientific Review Panel for the UNTHSC Intramural Seed Grant Program (2/2016)
Department of Veterans Affairs Cellular and Molecular Medicine Study Section (5/2016, 11/2016)

Fellowships
Competitive award, Cancer Immunology Institutional Training Grant: #5-T32-CA09082 (5/1/2000-4/30/2002)


Current Funding
“Inhibition of Neutrophil Responses by ecSOD”
R03 AI109630 (NIH/NIAID)
1/1/2014-12/31/2017
Direct Costs: $100,000
Role: PI
Completed Funding

“Effects of ecSOD on Neutrophil Maturation and Function”
Careers in Immunology Fellowship Program (American Association of Immunologists)
9/1/2015-8/31/2016
Direct Costs: $22,920
Role: Mentor

“Redox status of HMGB1 mediates immunity to *Listeria monocytogenes*”
RI6176 (UNTHSC Seed Grant)
4/1/2015-8/31/2016
Direct Costs: $20,000
Role: PI

“Effects of recombinant superoxide dismutase and inhibition of endogenous superoxide dismutase on *Listeria monocytogenes* infection”
TCOM Research Practicum Seed Grant
8/15/2015-2/15/2016
Direct Costs: $1,000
Role: Mentor

“Regulation of Monocyte Recruitment and Function by the IL-23/IL-17 Axis”
R03 AI099518-01 (NIH/NIAID)
2/1/2012-1/31/2015
Direct Costs: $100,000
Role: PI

“The Impact of Extracellular Superoxide Dismutase on Myeloid-Derived Suppressor Cell Generation and Function”
BioLegend
11/15/2012-11/15/2014
Direct Costs: $5,000
Role: PI

“Regulation of Neutrophil Function by ecSOD”
RI6029 (UNTHSC Seed Grant)
1/15/2012-1/14/2013
Direct Costs: $27,232
Role: PI

"Immune Potential of Animals Lacking Class IA Molecules"
R01 AI045764 (NIH/NIAID)
3/1/2006-12/31/2011
Direct Costs to UNTHSC: $102,300
Role: Co-I
“Generation of Protective Immunity Against *Listeria monocytogenes*”
Texas Higher Education Coordinating Board ARP Grant # 000130-0025-2007
9/1/2008-1/31/2011
Direct Costs: $150,000
Role: PI

“Regulation of Immune Responses by Interleukin-23”
F32 AI072946 (NIH/NIAID)
5/1/2008-4/30/2011
Direct Costs: $161,112
Role: Mentor

“Role of Corticotrophin Releasing Hormone in Stress-Induced Susceptibility Against *Streptococcus Pneumoniae*”
RI6006 (UNTHSC Seed Grant)
3/1/2010-12/31/2010
Role: Co-I

“Role of CD8+ T Cells in Innate Immune Responses”
Individual NIH-RSDA transitional Grant: K22-AI064592 (NIH/NIAID)
Direct Costs: $250,000
Role: PI

“Innate Immune Responses Against *Listeria monocytogenes*”
G67700 (UNTHSC Seed Grant)
Direct Costs: $8,500
Role: PI

**Lab Personnel Trained**
Post-doctoral Fellows
Amy N. Sieve (7/2005-4/2011)
(funded by an NIH NRSA individual fellowship: 4/2008- 4/2011)

Graduate Students (Ph.D.)
Timothy Break (12/2008-7/2013)
Mohanalaxmi Indramohan (12/2009-7/2014)
Alexandra Witter (3/2012-7/2016)
(funded by an AAI fellowship: 9/2015-7/2016)
Busola Okunnu (1/2015-present)
Naomi Swanta (9/2016-present)

Graduate Students (M.S.)
Suheung (Steven) Lee (12/2006-12/2008)
Naomi Swanta (1/2015-8/2016)
Medical Sciences Students  
Neda Shaghagi (9/2016-12/2016)

DO students  
Christian Ponder (6/2015-6/2016)  
Khanh Vu (6/2016-7/2016)

Rotating graduate students  
Diana Schulz (8/2006-10/2006)  
Suheung (Steven) Lee (10/2006-12/2006)  
Mayurika Dutta (10/2006-12/2006)  
Amy Graham (8/2008-10/2008)  
Timothy Break (8/2008-10/2008)  
Kelly Peterson (8/2009-10/2009)  
Mohanalaxmi Indramohan (10/2009-12/2009)  
Courtney McKee (8/2010-10/2010)  
Sudha Neelam (10/2010-12/2010)  
Alexandra Witter (1/2012-3/2012)  
Maximillion Mize (9/2012-12/2012)  
Humberto Hernandez (11/2013-12/2013)  
Santosh Thapa (5/2014-7/2014)  
Naomi Swanta (8/2014-10/2014)  
Jackson Lopez (8/2014-10/2014)  
Busola Okunnu (10/2014-12/2014)  
Joseph Malaer (8/2015-10/2015)

Summer students  
Tran Le (McNair Scholar) (5/2007-7/2007)  
Mario Reyes (SMART Scholar) (5/2008-7/2008)  
(Second place poster presentation award for SMART Scholars)  
Xavier Edoh (SMART Scholar) (5/2010-7/2010)  
(Second place poster presentation award for SMART Scholars)  
(Third place poster presentation award for McNair Scholars)  
Herenia Armenta (SMART Scholar) (5/2012-7/2012)  
Mariano Aufiero (SMART Scholar) (5/2013-7/2013)  
Kevin De La Cruz (SMART Scholar) (5/2014-7/2014)  
Tarun Swaminathan (SMART Scholar) (5/2016-7/2016)

Technicians  
Suheung (Steven) Lee (12/2008-10/2009)

**Graduate Student Thesis Committees**

**Microbiology and Immunology Graduate Program**

Sheetal Bodhankar (Ph.D. student) (2005-2008)  
Karen Meeks (Ph.D. student) (2006-2010)
Anthony Chuang (M.S. student) (2006-2007)
Krithi Rao (M.S. student) (2006-2007)
Jongrok Kim (Ph.D. student) (2006-2010)
Adam Odeh (Ph.D. student) (2006-2011)
Nicole Dobbs (Ph.D. student) (2006-2010)
Brandon Wurtz (M.S. student) (2008-2010)
Timothy Break (Ph.D. student) (2008-2013)
Amy Graham (M.S. student) (2008-2010)
Kay Kayembe (M.S. student) (2009-2010)
Nathan Horton (Ph.D. student) (2009-2014)
Mohanalaxmi Indramohan (Ph.D. student) (2010-2014)
Ronny Racine (Ph.D. student) (2010-2014)
Ashley Smith (Ph.D. student) (2011-2015)
Brandon Coder (Ph.D. student) (2011-2015)
Lindsey Kuehm (M.S. student) (2011-2012)
Brittney Mott-Burnley (Ph.D. student) (2011-present)
Alexandra Witter (Ph.D. student) (2012-2016)
Jessica Frazier Hall (M.S. student) (2012-2013)
Jennifer Shaw (M.S. student) (2012-2013)
Calvin Chikelue (M.S. student) (2012-present)

Biochemistry and Molecular Biology Graduate Program
Brett Adkins (M.S. student) (2006-2007)

Biomedical Sciences Graduate Program
Suheung (Steven) Lee (M.S. student) (2006-2008)
Erica Kafka (P.A./Ph.D. student) (2007-2010)

Pharmacology and Neuroscience Graduate Program
Guillermo Tays (Ph.D. student) (2008-2009)
Amanda Hadley (D.O./Ph.D. student) (2009-2012)
Nikhil Gaidhani (Ph.D. student) (2013-present)
Dhwanil Dalwadi (Ph.D. student) (2014-2016)

Primary Care Research Graduate Program
Michael Dunn (D.O./M.S. student) (2009)

Cancer Biology Graduate Program
Smrithi Rajendiran (Ph.D. student) (2009-2014)

Forensic Genetics Graduate Program
Lisa Launer (M.S. student) (2010-2011)
Arturo Menchaca (M.S. student) (2011-2012)
Sarah Stricklin (M.S. student) (2012-2013)
Xiangpei Zeng (Ph.D. student) (2013-2016)
Kelcie Thorson (M.S. student) (2016-present)

Structural Anatomy and Rehabilitation Science Graduate Program
Cara Fisher (Ph.D. student) (2014-present)

Biochemistry and Cancer Biology Graduate Program
Vipulkumar Patel (Ph.D. student) (2014-present)

Cell Biology, Immunology & Microbiology Graduate Program
Kathleen Borgmann (Ph.D. student) (2014-present)
Busola Okunnu (Ph.D. student) (2015-present)
Naomi Swanta (Ph.D. student) (2015-present)
Venkata Edara (Ph.D. student) (2015-present)
Olga Sizova (Ph.D. student) (2016-present)
Kelly Wilson (Ph.D. student) (2017-present)

Clinical Research Management Graduate Program
Derick Sanchez (M.S. student) (2016)

Biotechnology Graduate Program at University of Texas Health Center at Tyler
Anjana Raghunath (M.S. student) (2015)

Graduate Student Qualifying Exam Committees
Microbiology and Immunology Graduate Program
Sheetal Bodhankar-2005
Rusha Thomas-2006
Byung-Jin Kim-2006
Karen Meeks-2007
Adam Odeh-2007 (Chairman)
Jongrok Kim-2007 (Chairman)
Prachi Dongre-2008 (Chairman)
Brandon Wurtz-2008 (Chairman)
Nathan Horton-2009 (Chairman)
Timothy Break-2009
Ronny Racine-2010 (Chairman)
Mohanalaxmi Indramohan-2010
Artur Schander-2011 (Chairman)
Brittney Mott-2011 (Chairman)
Brandon Coder-2011 (Chairman)
Ashley Smith-2011 (Chairman)
Preston Burnley-2012 (Chairman)
Alexandra Witter-2013
Maximillion Mize-2014 (Chairman)
Biomedical Sciences Graduate Program
Aniket Deshmukh-2007
Erica Kafka-2007

Forensic and Investigative Genetics Graduate Program
Sarah Schmedes-2013
Xiangpei Zeng-2014

Pharmacology and Neuroscience Graduate Program
Guillermo Tays-2008
Amanda Hadley-2009

Cell Biology Graduate Program
Yan Fan-2014 (Chairman)
Shruthi Nooka-2014 (Chairman)
Sagar Shelake-2014 (Chairman)

Cell Biology, Immunology & Microbiology Graduate Program
Chris Vitucci-2015 (Chairman)
Kathleen Borgmann-2015 (Chairman)
Rudy Castillo-2015 (Chairman)
Chaitanya Joshi-2015 (Chairman)
Venkata Edara-2016 (Chairman)
Olga Sizova-2016 (Chairman)

Graduate Student BMSC 6310 Grant Writing Committees

Microbiology and Immunology Graduate Program
Nicole Dobbs-2005
Rusha Thomas-2007
Byung-Jin Kim-2007 (Chairman)
Adam Odeh-2008 (Chairman)
Jongrok Kim-2008
Prachi Dongre-2008
Nathan Horton-2010 (Chairman)
Ronny Racine-2011 (Chairman)
Artur Schander-2011
Brandon Coder-2012 (Chairman)
Preston Burnley-2013

Pharmacology and Neuroscience Graduate Program
Amanda Hadley-2010
Nikhil Gaidhani-2014

Cell Biology, Immunology & Microbiology Graduate Program
Maximillion Mize-2014 (Chairman)
Kathleen Borgmann-2015 (Chairman)
Departmental and Institutional Service
Microbiology and Immunology Graduate Program Applicant Interviewer (6/2005-6/2010)
Medical School Applicant Interviewer (8/2005-present)
Department of Molecular Biology and Immunology Faculty Secretary (8/2005-8/2007)
Member of the Graduate Affairs Committee-Microbiology and Immunology Graduate Program (12/2005-9/2014)
Department of Molecular Biology and Immunology Space and Equipment Committee (12/2005-12/2010)
Member of Council of Post-doctoral Education (5/2006-12/2008)
Reviewer for Intramural Interdisciplinary Research Seed Grants (2/2007)
Member of Faculty Evaluation Focus Group (3/2007-12/2008)
Principal Investigator of the Flow Cytometry Core Facility (5/2007-present)
Graduate Advisor for the Microbiology and Immunology Graduate Program (9/2007-9/2014)
Reviewer for UNTHSC-UNT Joint Institutional Seed Research Program (2/2008)
Member of Faculty Search Committee for the Molecular Biology and Immunology Department (9/2008-9/2010)
Chair of the selection committee for the Elena and Thomas Yorio Scholarship (2/2009-12/2014)
Member of the Application and Admissions Process Committee (7/2009-12/2010)
Member of the President’s Strategic Thinking Council for Research (8/2009-9/2011)
Faculty Representative for the Graduate School of Biomedical Sciences for the Southern Association of Colleges and Schools (SACS) accreditation visit (3/2010)
Participant in the Texas Academy of Biomedical Sciences (TABS) Summer PREP Program (6/2010)
Co-Guide for 1st year graduate students in the Biomedical Sciences Graduate Program (8/2010-9/2014)
Member of Faculty Senate (9/2010-9/2012; 2/2016-present)
Member of Graduate Student Recruitment Specialist Search Committee (6/2011-8/2011)
Member of the Review committee for the BMSB Department and the Outreach office (7/2011)
Medical Masters Mock Interviewer (7/2011-present)
Member of the Research Advisory Council (9/2012-present)
Member of Chair Search Committee for the Molecular Biology and Immunology Department (9/2012-5/2013)
Reviewer for Institute for Aging and Alzheimer’s Disease Research (IAADR) Seed Grants (7/2013)
Member of the GSBS graduate program review committee (8/2013-2/2014)
Coordinator for Cell Biology and Immunology WIPs (8/2013-present)
Alternate member of the Application and Admissions Process Committee (10/2013-2/2014)
Chair of the Institutional Biosafety Committee (12/2013-present)
Member of the Application and Admissions Process Committee (2/2014-present)
Graduate Advisor for the Cell Biology, Immunology & Microbiology Graduate Program (9/2014-present)
Member of the Faculty Grievance and Appeal Committee (1/2015-present)
Member of the GSBS Traditional Student Performance Committee (1/2015-5/2016)
Chair of the GSBS 1st year curriculum committee (2/2015-12/2015)
Member of the GSBS recruitment committee (2/2015-12/2015)
Member of the Medical Sciences admissions committee (2/2016-present)
Faculty Advisor for the Medical Sciences graduate Program (2/2016-present)
Chair of the Scientific Review Panel for the Intramural Seed Grant Program (2/2016-4/2016)
Chair of the Cell Biology and Immunology Graduate Education Committee (4/2016-present)
Member of the GSBS Medical Science Student Performance Committee (6/2016-present)
Associate Director of the Medical Sciences M.S. Program (9/2016-present)
Member of the inaugural class of the Academy of Medical Science Educators (11/2016-present)
Member of the Inspire Leadership Program (1/2017-present)
Member of the President’s Council on Academics (1/2017-present)

**Teaching Experience-UNTHSC**
Course director for Current Topics in Immunology (CBIM 5122) (2005-present)
Course director for Immune Responses Against Pathogenic Microorganisms (CBIM 6201) (2008-present)
Course director for Introduction to Flow Cytometry (CBIM 5150) (2013-present)
Co-course director for Seminar in Current Topics (MOLB 5140) (2005-2011)
Lecturer in Immunology and Microbiology Core Course (BMSC 6305) (2006-2016)
Lecturer in Introduction to Faculty Research (BMSC 5135) (2006-2016)
Lecturer in Immunology System I (MEDE 7512 for D.O. students) (2009-present)
Lecturer in Principles of Immunological Therapeutics (PHAR 7331 for Pharmacy students) (2014-present)
Career Panel Participant in Introduction to Industry Practice (BMSC 5965) (2009-present)
Participant in Scientific Communications (BMSC 5310) (2010-present)
Lecturer in Immunology and Microbiology core Course for Medical Masters Students (BMSC 5303) (2010)
Participant in Grant Writing Course (BMSC 6310) (2011-present)
Lecturer in BMSC 6201 (2016-present)
Lecturer in BMSC 6202 (2016-present)
Lecturer in BMSC 6204 (2016-present)
Course director for Seminars in Current Topics (CBIM 5140) (2017-present)
Laboratory Mentor for Special Problems (MOLB 5390)
  Aniket Deshmukh (2007)
  Shanmuga Priya Muthu-Thanu (2008)
  Pabak Sarkar (2009)
  Alena Minton (2009)

**Teaching Experience-External**
Guest Lecturer at Texas Christian University in Immunology (BIOL 40253) (2010-present)

**Peer reviewed Publications**


*Cover picture on August 1, 2005 issue.


**Review Articles**


**Published Abstracts (since 2007)**


   (invited oral presentation by Timothy Break at the 2012 AAI meeting)


   (invited oral presentation by Alexandra Witter at the 2015 AAI meeting)

**Invited Presentations and Seminars**

2002 FASEB meeting - “Role of CD8+ T Cells in Innate Immune Responses”

2003 AAI meeting - “CD8+ T Cells Participate in Innate Immune Responses Against Pathogens”

2004 International Congress of Immunology meeting - “Innate Immune Protection from Listeria monocytogenes Can Be Provided by CD8+ T Cells in the Absence of Cognate Antigen”

2004 Oklahoma Medical Research Foundation Immunobiology and Cancer Research Program seminar series - “Immunity Against the Intracellular Bacterium, Listeria monocytogenes”

2004 University of Texas Medical Branch Department of Microbiology and Immunology seminar series - “Immunity Against the Intracellular Bacterium, Listeria monocytogenes”

2005 UNTHSC Department of Pharmacology and Neuroscience seminar series - “Immunity Against the Intracellular Bacterium, Listeria monocytogenes”

2006 UNTHSC Department of Molecular Biology and Immunology seminar series - “Innate Immune Responses Against Bacterial Infections”

2011 UNTHSC Department of Molecular Biology and Immunology seminar series – “Regulation of Innate Immunity by Extracellular Superoxide Dismutase”

2011 Texas Wesleyan University Tri-Beta Biological Honors Society seminar series – “The Role of Neutrophils during Bacterial Infection”

2011 University of Texas Health Science Center at Tyler Center for Pulmonary and Infectious Disease Control seminar series – “The Role of Neutrophils and ecSOD during Bacterial Infection”
2011 SUNY Upstate Medical University Department of Microbiology and Immunology seminar series – “The Role of Neutrophils and ecSOD during Bacterial Infection”

2011 American Society for Microbiology (Texas Branch) meeting – “The Role of Neutrophils during Bacterial Infection”

2012 University of Texas at Austin Science Undergraduate Research Group seminar series – “The Role of Neutrophils during Bacterial Infection”

2013 University of Texas at Arlington Department of Biology seminar series - “Regulation of Neutrophil Recruitment and Function during Infection with Listeria monocytogenes”

2013 University of Connecticut Health Center Department of Immunology seminar series - “Regulation of Neutrophil Recruitment and Function during Infection with Listeria monocytogenes”

2015 Advaxis Immunotherapies presentation – “Induction of Protective Innate Immune Responses against Listeria monocytogenes”
Paul S. Bhella, MD, FAHA, FACC, FASE  
6866 Burwood Lane, Dallas, TX 75214  
(214) 402-4667 (cell)  
bhella@alumni.musc.edu

CARDIOLOGY PRACTICE AND FACULTY APPOINTMENTS

John Peter Smith Health Network, Fort Worth, TX  
Staff Cardiologist  
Director, Cardiac Imaging  
7/2010 -

Acclaim Physician Group, Fort Worth, TX  
Chairman, Physician Board of Directors  
10/2016-

University of Texas Arlington, Arlington, TX  
Associate Clinical Professor  
Medical Director of the Clinical Translational Research Group  
9/2015 -

University of North Texas Health Science Center, Fort Worth, TX  
Associate Professor (Adjunct), Department of Integrative Physiology  
12/2010 -

University of Texas-Southwestern, Dallas, TX  
Clinical Assistant Professor, Department of Family Medicine  
10/2010 -

EDUCATION AND TRAINING

University of Texas-Southwestern and Baylor University Medical Center, Dallas, TX  
Advanced Fellowship, Cardiovascular Research (Mentor: Benjamin Levine) and Cardiac Imaging (Mentor: Paul Grayburn)  
8/2007 - 6/2010

Oregon Health Science University, Portland, OR  
Fellowship, Cardiovascular Medicine (Fellowship Director: Jonathan Lindner)  

University of Texas-Southwestern, Dallas, TX  
Internship and Residency, Internal Medicine  
7/2002 - 6/2005

Medical University of South Carolina, Charleston, SC  
Doctor of Medicine  

Georgia Institute of Technology, Atlanta, GA  
Electrical Engineering, Bachelor of Science with High Honors  

HONORS, AWARDS AND SCHOLARSHIPS

Finalist  
Third Year Medical Student Selection  
2015, 2016, 2017 Top Doctor  
2009 AHA Samuel A. Levine Young Clinical Investigator Award

Chief Fellow  
Poster Winner  
Finalist  
Rose Award Recipient (7)

Division of Cardiology, Oregon Health Science University  
2002 ACP-ASIM National Abstract Competition  
2000 MUSC President’s Award for the Basic Sciences  
Service Excellence at Oregon Health Science University

BOARD CERTIFICATION

Cardiovascular Medicine, American Board of Internal Medicine (also enrolled in Maintenance of Certification)  
2008-

Examination of Special Competence in Echocardiography, National Board of Echocardiography  
2010-2020

Nuclear Cardiology, Certification Board of Nuclear Cardiology  
2009-2019

Cardiovascular Computed Tomography, Certification Board of Cardiovascular CT  
2009-2019

Internal Medicine, American Board of Internal Medicine (also enrolled in Maintenance of Certification)  
2005-

MEMBERSHIP

Fellow, Member  
American Heart Association

Fellow, Member  
American College of Cardiology

Member,  
American Society of Echocardiography

Member,  
Alpha Omega Alpha Honor Society
LICENSURE
Oregon, Oregon Board of Medical Examiners 2005-
Texas, Texas Medical Board 2009-
Arizona, Arizona Board of Medical Examiners 2015-
Washington, Washington Medical Quality Assurance Commission 2017-

CARDIOLOGY TRAINING/LEVELS
- Transthoracic Echocardiography: Level 3 & Specialty Board Certified
- Transesophageal Echocardiography: Level 3 & Specialty Board Certified
- Cardiovascular Computed Tomography: Level 2 & Specialty Board Certified
- Nuclear Cardiology: Level 2 & Specialty Board Certified
- Cardiac Catheterization: Level 2 & Board Certified

FIRST AUTHOR PUBLICATIONS


ADDITIONAL PUBLICATIONS


**ABSTRACTS**

**2013 AHA Scientific Sessions**

Satyam Sarma, Graeme Carrick-Ranson, Naoki Fujimoto, Paul S Bhella, Jeffrey L Hastings, Dean Palmer, Benjamin D Levine. Changes in Oxygen Pulse During Exercise can Identify Patients With Heart Failure With Preserved Ejection Fraction (HfPEF)

Shigeki Shibata, Naoki Fujimoto, Jeffrey L Hastings, Paul S Bhella, Graeme Carrick-Ranson, Tom Sarma, Yoshiyuki Okada, Dean Palmer, Kara Boyd, Sheryl Livingston, Benjamin D Levine. Advanced Glycation End-Product Inhibition With Alagebrium Slows Age-Related Large Vessel Arterial Stiffening in Healthy Elderly Humans.


**2013 ACC Annual Meeting**

Satyam Sarma, Graeme Carrick-Ranson, Naoki Fujimoto, Paul Bhella, Jeffrey Hastings, Keri Shafer, Kara Boyd, Dean Palmer, Edward W. Szczepaniak, Lidia S. Szczepaniak, Benjamin Levine. The Effects of Aging, Sex and Aerobic Fitness on Myocardial Lipid Content

Kyler William Barkley, Shuaib Abdullah, Paul Bhella, Jeffrey Hastings, Susan Matulevicius, Naoki Fujimoto, Shigeki Shibata, Graeme Carrick-Ranson, Dean Palmer, Nainesh Gandhi, Benjamin Levine. Consistent Doses of Lifelong Physical Activity Are Not Associated with Myocardial Fibrosis.

2012 AHA Scientific Sessions

2011 AHA Scientific Sessions


2011 ACC Annual Meeting

Naoki Fujimoto, Shigeki Shibata, Qi Fu, Jeffrey L. Hastings, Graeme C. Carrick-Ranson, Paul S. Bhella, M Dean Palmer, and Benjamin D. Levine. Effects of Pericardial Constraint on Left Ventricular Hemodynamics in the Unloaded Heart. J Amer Coll Cardiol. 2011; 57: E233

2010 AHA Scientific Sessions


2010 AHA Scientific Sessions

2010 Society of Cardiovascular CT Meeting
Paul Bhella, Kevin Wheelan, Jeffrey Schussler. Left Atrial Volume by 64-Slice CT and Failure Rates in Atrial Fibrillation Ablation: 3 Year Follow-Up.
**2010 ACC Annual Meeting**

**Paul S Bhella**, Eric L Pacini, Anand Prasad, Jeffery L Hastings, Benjamin D Levine. Do E/E' or E/Vp Track Changes in Left-Sided Filling Pressure in Individual Patients with Heart Failure with Preserved Ejection Fraction?


Naoki Fujimoto, **Paul S Bhella**, Jeff Hastings, Nicole Minniefield, Dean Palmer, Benjamin D. Levine. Life-long Patterns of Physical Activity Determine Exercise Capacity and Cardiac Function

---

**2009 AHA Scientific Sessions**


**2009 ACC Annual Meeting**


**2004 HFSA International Meeting**


**Other Abstracts**


CURRENT EMPLOYMENT

Jeremy Brady MD PLLC, Emergency Medical Consultants  
Dallas/Bedford, TX
- Texas Health Hurst Euless Bedford (HEB)/Dallas Methodist Medical Center  
  2015-current
- Assistant Clinical Professor UT Southwestern Department of Emergency Medicine  
  2015-current

EDUCATION & TRAINING

University of Texas Southwestern Emergency Medicine Residency  
Dallas, Texas
- PGY1-PGY3 years  
  2012 - 2015
- Chief Resident  
  2015

University of Iowa Roy J. and Lucille A. Carver College of Medicine  
Iowa City, Iowa
- Doctor of Medicine  
  2008 – 2012
- Gold Humanism Honor Society

Texas Christian University  
Fort Worth, Texas
- Bachelor of Science in Biology, minor in History  
  2004 – 2008
- Magna Cum Laude

PROFESSIONAL EXPERIENCES

Clinical, Emergency Department Physician
- Methodist Dallas Medical Center, Director PGY3 UT Southwestern Clinical Rotation  
  2015-current
- Texas Health HEB  
  2015-current
- Assistant Clinical Professor UT Southwestern  
  2015-current

Residency
- UTSW/ Parkland Hospital Emergency Medicine Resident, Dallas, Texas  
  2012–2015
- Clinical House Officer Emergency Department Hawke’s Bay, New Zealand  
  March-May 2015

Volunteer
- Jim Ellefson Free Medical Clinic Volunteer, Des Moines, Iowa  
  2000-2012
- Medical Education Community Orientation, Family Medicine, Atlantic, Iowa  
  Summer 2009

Teaching
- Intern Curriculum Chief/ED Orientation UTSW Residency  
  2015
- Foundations of Clinic Practice III Patient Center Learning Small Group Facilitator, Iowa City, Iowa  
  2011
- TCU Teaching Assistant, Comparative Vertebrate Anatomy, Fort Worth, Texas  
  2008

Other Employment
- PhysAssist ER Scribe Dallas-Fort Worth, Metroplex, Texas  
  2006-2008
- EPIC ER Trainer and Go-Live Assistant, Dallas-Fort Worth, Texas  
  2006-2007
- Central Iowa Aquatics, Swimming Coach, Des Moines, Iowa  
  2006-2007
- Swim Lesson Instructor, West Des Moines, Iowa  
  2003-2005

PRESENTATIONS

Brady, Jeremy, Fever in a Neonate. Senior Grand Rounds. EM conference  
February 2015
Brady, Jeremy, A Case of Hypocalcemia and Back pain. EM conference  
September 2015
Brady, Jeremy, A Case of Unexplained Lactic Acidosis. QA. EM conference UTSW  
March 2014
Brady, Jeremy. Normalization of Vital and the PERC rule. Presented at UTSW EM conference  
August 2013
Brady, Jeremy. What can we learn from the IST-3 Trial? Presented at UTSW EM Journal Club  
April 2013
Brady, Jeremy. Does Ketamine increase ICP? Presented to UTSW EM conference  
Oct 2012
Brady, Jeremy. Pediatric Seizures and Surgical Management of Medial Temporal Lobe Epilepsy  
Presented to University of Iowa Department of Neurosurgery  
September 2010
LEADERSHIP
• Director Dallas Methodist UT Southwestern PGY3 Clinical Rotation 2015-current
• UTSW Chief Resident 2015
• Genesis Church Deacon/Life Group Leader/Sports Ministry Leader, North Liberty, Iowa 2009-2012
• University of Iowa Medical Student EPIC Student Promotions Committee Chair, Iowa City, Iowa 2010-2012

CERTIFICATIONS
• Board Certification Emergency Medicine Oct 2016
• Advanced Cardiac Life Support current
• Pediatric Advanced Life Support current
• Advanced Trauma Life Support current

PROFESSIONAL MEMBERSHIPS
• Texas College of Emergency Physicians 2014-current
• American College of Emergency Physicians 2010-current

AWARDS & HONORS
• Texas Health Top Performer in Patient Satisfaction 2016-2017
• Texas Health HEB Physician of the Quarter 2016
• Chief Resident/Recruitment Chief 2015
• Brent Norcross Star Award 2015
• Gold Humanism Honors Society 2011
• Presidential Scholar and/or Dean’s List, Texas Christian University 2004-2008
• Alpha Epsilon Delta Pre-Health Honors Society, Texas Christian University Chapter 2007-2008
• Russell Alan Aycock Memorial Scholarship 2006-2008
• TCU Men’s Swimming Academic Star Award 2005
• TCU Men’s Swimming Academic All-American 2005
• TCU Dean’s Scholarship 2004-2008

PERSONAL
I grew up in Des Moines, Iowa. I attended Texas Christian University for undergraduate and the University of Iowa Carver College of Medicine for my MD. I am the oldest of seven children. I met my wife, Leanne, in college and married in August of 2009. I have two sons: Brighton (5) and Maddox (6m); and, one daughter Parker (2). I am actively involved in my church and enjoy sports of all varieties. I especially love swimming, running, and watching the St. Louis Cardinals, TCU Horn Frogs, and Iowa Hawkeyes. I became interested in emergency medicine while working as an ER scribe in the Dallas/Fort Worth area during college.
DAVID P. CAPPER, M.D. FAAHPM FACP  
#3 Bounty Road East  
Fort Worth, Texas 76132

CURRICULUM VITAE

EDUCATION AND TRAINING

GRADUATE SCHOOL:
Student, Masters of Arts in Biomedical Ethics, 2013 - present
Trinity International University,  
Dearborn, Illinois

CHIEF RESIDENCY:
Internal Medicine, 1985 – 1986  
St. Vincent Hospital, Portland Oregon  
Affiliate – University of Oregon Health Science Center

RESIDENCY:
Internal Medicine Residency, 1983 – 1985  
Good Samaritan Hospital and Medical Center  
Portland, Oregon  
Affiliate – University of Oregon Health Science Center

INTERNERSHIP:
Internal Medicine Internship, 1982 – 1983  
Good Samaritan Hospital and Medical Center  
Portland, Oregon  
Affiliate – University of Oregon Health Science Center

MEDICAL SCHOOL:
University of Texas Medical School  
Houston, Texas  
Graduated 1982, Medical Doctor

COLLEGE:
Austin College  
Sherman, Texas  
B.A. Liberal Arts, 1977

HIGH SCHOOL
Fort Worth Country Day School  
Fort Worth, Texas Graduated 1973

LICENSURE:
Texas G3213, 1982

BOARD CERTIFICATION:
American Board of Internal Medicine  September 1986  

FELLOWSHIP AWARDS:
American College of Physicians, 2012  
American Academy of Hospice & Palliative Medicine, 2009

HONORS AND AWARDS – POST GRADUATE:
Medical Director of the Year, Central Division, Life Care Centers of America 1996
HONORS AND AWARDS – UNDERGRADUATE
Outstanding Senior Man – Austin College, Sherman, Texas
All American, Honorable Mention, Football, Austin College, Sherman Texas
Captain of Football Team, Austin College, Sherman, Texas
Honor Council Member and Chairman, Austin College, Sherman, Texas
Student Body President, Austin College, Sherman, Texas

PROFESSIONAL POSITIONS:
DIRECTOR & MEDICAL DIRECTOR, Covenant Hospice & Palliative Care / Compassus, Fort Worth, Texas, 2014 to present
MEDICAL DIRECTOR, Christian Community Health Services and Clinic (Charity Care), Fort Worth, Texas, 1989 to Present
MEDICAL DIRECTOR, Trina Health of North Texas, Fort Worth, Texas, 2013 to present
CHAIR, Ethics Committee, Plaza Medical Center, Fort Worth, Texas, 2006 to Present
MEMBER, Tarrant County Ethics Consortium, 2005 to Present
MEMBER, THdR Harris Methodist Fort Worth Hospital Ethics Committee, 2009 to Present
MEMBER, THdR Harris Methodist Southwest Hospital Palliative Care Committee, 2013 to present
CHAIR, TCMS Humanitarian Committee, Current
MEMBER, TCMS Public Grievance Committee, Recent
VICE PRESIDENT, Project Access Tarrant County Core Committee, Current
CO-AUTHOR, DISRIP 1115 Waiver programs w JPS x 3

PROFESSIONAL APPOINTMENTS:
CLINICAL INSTRUCTOR, in Internal Medicine, University of Texas Southwestern Medical School, Dallas, Texas, Appointed 1991
CLINICAL PRECEPTOR, University of North Texas Health Science Center, Fort Worth, Texas, 1999 to 2009, 2010 to present
ADJUNCT CLINICAL ASSISTANT PROFESSOR in Department of Internal Medicine, Texas College of Osteopathic Medicine, Aug. 31, 2010 to Aug. 31, 2013

FORMER POSITIONS:
MEDICAL DIRECTOR & Executive Vice President, Covenant Hospice & Palliative Care, LP, Fort Worth, Texas, 1999 to 2014
BOARD MEMBER - Alliance Health Providers PPO, Fort Worth, Texas
MEMBER, Palliative Care Committee, Baylor All Saints Hospital, Ft. Worth, Texas, 2008-2012
MEDICAL DIRECTOR - The Gardens Care Center (LTC), Fort Worth, Texas 1991-2003
MEDICAL DIRECTOR – Diagnostechs of Texas (Mobile X-ray company)
MEDICAL DIRECTOR – Renaissance Park Nursing Home, Fort Worth, Texas, 1991 to 2006
MEDICAL DIRECTOR – Family Hospice of Fort Worth, Fort Worth, Texas, 1991 to 1999
MEDICAL DIRECTOR – Plaza Medical Center Skilled Nursing Unit, 1993 to 2001
PRESIDENT & Co-founder – Primary Care Concepts*, Fort Worth, Texas 1995 to 1998
BOARD MEMBER and DIRECTOR– Alliance PPO, Fort Worth, Texas 1996 to 1998
MEMBER, Pharmacy & Therapeutics Committee, Healthsource HMO, Fort Worth, Texas
MEMBER, Emergency Room Quality Assurance Committee, Harris Methodist Fort Worth, Texas (1987 – 1991)
SECRETARY, Medical Staff, Plaza Medical Center, Fort Worth, Texas (2001 to 2004)

PROFESSIONAL ORGANIZATIONS:
Texas Medical Association
Tarrant County Medical Society
Christian Medical and Dental Society

Athletic Hall of Honor, Austin College, Sherman, Texas 1998
Humanitarian of the Year Award, Tarrant County Medical Society, 2005
Medical Director of the Year, Texas & New Mexico Hospice Organization, 2005
Mildred Hogstel Award – Tarrant Area Gerontological Society, 2011
Center for Bioethics and Human Dignity
American Medical Directors Association
Texas Medical Directors Association
Texas Pain Society
Texas Academy of Palliative Medicine
International College of Hospice / Palliative Care
National Hospice and Palliative Care Organization
American Association of Hospice & Palliative Medicine
American Association of Physicians and Surgeons

OTHER ORGANIZATIONS:
Covenant Classical School, Fort Worth, Texas, Board Member
University of Texas Medical School at Houston, Alumni Association
National Right to Life
Texas Geriatrics Society
Christian Community Health Fellowship
Guardianship Services of Tarrant County, (Volunteer Lecturer)

WORK HISTORY:  (From 1986)
Emergency Medicine Consultants  1986-1989 (Full Time)
Fort Worth, Texas 76107
817-336-8600
DUTIES:  Staff Physician

Private Practice Retired
Fort Worth, Texas
DUTIES:  Staff Physician

David P. Capper and Associates  1988 – 1990
700 West Rosedale Street
Fort Worth, Texas 76104
DUTIES:  Senior Physician, Manager [Supervisory]
Hired and fired employees, completed evaluations of employees, prepared budgets, wrote policy and procedures, organized and directed the agency’s ongoing functions, managed day-to-day operations.

Christian Community Health Services & Clinic  1989 – present
The Clinic at Beautiful Feet Ministries
1709 East Hattie
Fort Worth, Texas 76104
DUTIES:  Medical Director, Co-Founder, Director
Medical direction for the clinical services - oversight of nurses and other medical practitioners. Board oversight for the operations.

Capper & Keller, M.D., P.A.  1990-2003
1400 South Main Street #105
Fort Worth, Texas 76104
DUTIES:  Senior Physician, Manager [Supervisory]
Hired and fired employees, completed evaluations of employees, prepared budgets, wrote policy and procedures, organized and directed the agency’s ongoing functions, managed day-to-day operations.

Covenant Hospice & Palliative Care, LP  1999 – 2014
EVP, Medical Director & Administrator
3221 Collinsworth Street, Suite 160
Fort Worth, Texas  76107
DUTIES:  Physician, Manager, Administrator [Supervisory]
Hired and fired employees, completed evaluations of employees, prepared budgets, wrote policy and procedures, organized and directed the agency’s ongoing functions, managed day-to-day operations.

Covenant Hospice & Palliative Care, LLC  2014 – present
Director & Medical Director
3221 Collinsworth Street, Suite 160
Fort Worth, Texas  76107
DUTIES:  Senior Physician, Medical Director, Director (Board of Directors)
Oversee medical care of the patients, and manage the associated and affiliated medical directors and participating physicians and physician extenders. Provide executive level participation in development and direction for company.

Campbell Specialty Care  2001 – 2003
Weatherford, Texas
DUTIES:  Senior Physician, Manager [Supervisory]
Hired and fired employees, completed evaluations of employees, prepared budgets, wrote policy and procedures, organized and directed the agency’s ongoing functions, managed day-to-day operations.
Provided hospitalist medical services.

Consultants in Cardiology  01/01/2004 - Present
1300 West Terrell Avenue #500
Fort Worth, Texas 76104
DUTIES:  Staff Physician (on-call)

David P. Capper, MD PLLC  2012 - Present
3221 Collinsworth Street
Suite 160
Fort Worth, Texas 76107
DUTIES:  Consultant, Senior Physician, Manager
Consultations to health care entities on a variety of issues, including but not limited to: Palliative Care programs, Hospice, Underserved populations, Cost-effective patient care strategies, etcetera.
Prepare budgets, wrote policy and procedures, organize and direct the agency’s ongoing functions, manage day-to-day operations.

Trina Health of North Texas / Health Assurance of North Texas / Advanced Metabolism Care Associates  2013 - Present
1307 Eighth Avenue
Suite 608
Fort Worth, Texas 76104
DUTIES:  Medical Director, Founder
Hire and fire employees, complete evaluations of employees, assist in preparing budgets, assisted in writing policy and procedures, assist in organizing and directing the agency’s ongoing functions, assist in managing day-to-day operations.

Acclaim, JPS Physician Group  2016 – present
DUTIES:  Physician
Medical Director of a Medical Respite program (under an 1115 Waiver)
Medical Director of Pathways to Housed program for homeless (under an 1115 waiver)

PERSONAL:
Date of Birth: September 27, 1955
Place of Birth: Columbus Ohio
Marital Status: Married, August 1983
Family Status: Six children, birthed 1984 to 1998

*Primary Care Concepts was a ‘Messenger Model’ primary care IPA with some value-added supportive and integrated components. We also purchased the Alliance PPO and had oversight of that organization.

Updated 06/2017
Daniel F. Casey, M.D.  
Department of Family Medicine  
John Peter Smith Hospital  
1500 South Main Street  
Fort Worth, Texas 76104  
817-927-1200

Positions and Employment:

2005 – Present  Program Director  
Department of Family Medicine  
JPS Health Network, Fort Worth, Texas

1998-Present  Family Medicine Faculty  
JPS Health Network, Fort Worth, Texas

2002–2005  President, Medical Staff  
JPS Health Network, Fort Worth, Texas

1998-2001  Campbell Hospital – Emergency Department  
Weatherford, Texas

2010-Present  Assistant Professor – UT Southwestern Medical Center

2005-Present  Assistant Professor - Texas A&M University Health Science Center

Current Certification:

2004 – 2011  American Board of Family Medicine  
Original certification 1998

1995 – Present  Texas License – K2148

Education:

1995  Medical Doctorate, University of Missouri-Columbia, Columbia Missouri

1991  Bachelor of Science, Rockhurst College, Kansas City, Missouri

Post Graduate Training:

1996 - 1998  Residency, Family Practice Residency, JPS Health Network,  
Fort Worth, Texas

1995 – 1996  Internship, Family Practice Residency, JPS Health Network,  
Fort Worth, Texas

Current Professional Activities / Committees:

2011 - Present  Association of Family Medicine Residency Directors (AFMRD)  
Nominations Committee

2010 - Present  Association of Family Medicine Residency Directors (AFMRD)  
Membership Committee

2010 - Present  John Peter Smith Hospital Practitioners Advisory Council (Peer Review)  
Chair
2008 - Present  Tarrant County Hospital District Board of Managers Finance Subcommittee

2005 - Present  John Peter Smith Hospital Medical Staff Bylaws Committee Chair

Presentations:

Casey D, Young RA. Texas residency experience with P4 project. Family Medicine Leadership Conference. Austin, TX Feb 2008.


Awards

2008, 2009  Fort Worth Top Docs

2005, 2006, 2007  Perkins Family Medicine Teaching Award

1999, 2000, 2004  W.W. Goldman, Jr., M.D., Memorial Award for Outstanding Clinical Professor, JPS Health Network
Curriculum Vitae

Joseph Carl Cecere, DMD

CURRENT TITLE: Oral and Maxillofacial Surgeon

BUSINESS ADDRESS 4969 E Interstate 20 Service Road N
Willow Park, TX 76087

CONTACT INFORMATION Tel 817-994-0914/ email: joececere@hotmail.com

UNDERGRADUATE EDUCATION:

<table>
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<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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</thead>
<tbody>
<tr>
<td>1967-1971</td>
<td>A.B. Psychology (High Distinction)</td>
<td>Dartmouth College, Hanover, NH</td>
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</tbody>
</table>

GRADUATE EDUCATION:

<table>
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<tbody>
<tr>
<td>1971-1973</td>
<td>Graduate Studies</td>
<td>Massachusetts Institute Technology, Cambridge, MA</td>
</tr>
<tr>
<td>1973-1977</td>
<td>Doctor of Medical Dentistry</td>
<td>Fairleigh Dickinson University School of Dentistry, Hackensack, NJ</td>
</tr>
</tbody>
</table>

POSTGRADUATE TRAINING:

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<tr>
<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1977-1978</td>
<td>Residency, General Practice</td>
<td>Scott USAF Medical Center, Scott AFB, IL</td>
</tr>
<tr>
<td>1978-1982</td>
<td>Residency, Oral and Maxillofacial Surgery</td>
<td>David Grant USAF Medical Center Travis AFB, CA</td>
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BOARD CERTIFICATION:

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<tr>
<th>Year</th>
<th>Agency/State and License #</th>
<th>Expiration/Comments</th>
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<tbody>
<tr>
<td>1984</td>
<td>Diplomate</td>
<td>American Board of Oral and Maxillofacial Surgery</td>
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LICENSURE:

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<th>Year Granted</th>
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<tr>
<td>1984</td>
<td>Texas State Board of Dental Examiners, TX 14609</td>
<td>October 2017</td>
</tr>
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</table>

Joseph Carl Cecere DMD Page #1
Chronology of Employment:

<table>
<thead>
<tr>
<th>Year</th>
<th>Title</th>
<th>Place</th>
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</thead>
<tbody>
<tr>
<td>1982-1986</td>
<td>Chief, Oral and Maxillofacial Surgery</td>
<td>Carswell USAF Regional Hospital, Carswell AFB, TX</td>
</tr>
<tr>
<td>1986-2016</td>
<td>Private Practice Oral and Maxillofacial Surgery</td>
<td>Fort Worth and Weatherford, TX</td>
</tr>
<tr>
<td>2016- present</td>
<td>Private Practice Oral and Maxillofacial Surgery, Part Time</td>
<td>Willow Park, TX</td>
</tr>
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Honors and Awards

<table>
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<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
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<tbody>
<tr>
<td>1981</td>
<td>Outstanding Young Men of America</td>
<td>OYM Institute</td>
</tr>
<tr>
<td>1984</td>
<td>Commendation Medal</td>
<td>United States Air Force</td>
</tr>
<tr>
<td>1986</td>
<td>Meritorious Service Award</td>
<td>United States Air Force</td>
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<tr>
<td>2015</td>
<td>Outstanding Veteran Award</td>
<td>Fort Worth District Dental Society</td>
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Administrative Experience

Administrative Duties

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<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003-2010</td>
<td>Board of Directors</td>
<td>Fort Worth District Dental Society, Fort Worth, TX, USA</td>
</tr>
<tr>
<td>2009</td>
<td>President</td>
<td>Fort Worth District Dental Society, Fort Worth, TX, USA</td>
</tr>
</tbody>
</table>

Professional & Scientific Committees

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>1982-1986</td>
<td>Member, Quality Assurance Risk Management Committee</td>
<td>Carswell USAF Regional Hospital Carswell AFB, TX, USA</td>
</tr>
<tr>
<td>Years</td>
<td>Title/Role,</td>
<td>Institution/Organization, City, State, Country</td>
</tr>
<tr>
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<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>1982-1986</td>
<td>Member, Pharmacy and Infectious Disease Committee</td>
<td>Carswell USAF Regional Hospital Carswell AFB, TX, USA</td>
</tr>
<tr>
<td>1987-1993</td>
<td>Member, Quality Assurance and Risk Management Committee</td>
<td>St. Joseph’s Hospital, Fort Worth, TX, USA</td>
</tr>
<tr>
<td>1998-2016</td>
<td>Member, Pharmacy and Nutrition Committee</td>
<td>Texas Health Harris Methodist Hospital, Fort Worth, TX, USA</td>
</tr>
<tr>
<td>1999-present</td>
<td>Member, By Laws Committee</td>
<td>Texas Health Harris Methodist Hospital, Fort Worth, TX, USA</td>
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</table>

PROFESSIONAL COMMUNITY ACTIVITIES

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution/Organization, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>1982-1984</td>
<td>Coach</td>
<td>Blue Raider Soccer, Fort Worth, TX USA</td>
</tr>
<tr>
<td>1987-1988</td>
<td>Cubmaster</td>
<td>Pack 350, Boy Scouts of America, Fort Worth, TX, USA</td>
</tr>
<tr>
<td>1990-1992</td>
<td>Scoutmaster</td>
<td>Troop 350, Boy Scouts of America, Fort Worth, TX, USA</td>
</tr>
<tr>
<td>2003-2010</td>
<td>Delegate</td>
<td>Texas Dental Association House of Delegates, Texas Dental Association, San Antonio, TX, USA</td>
</tr>
<tr>
<td>2013, 2014</td>
<td>Oral Surgery Provider</td>
<td>Texas Mission of Mercy, Mineral Wells TX, USA</td>
</tr>
<tr>
<td>2016</td>
<td>Oral Surgery Provider</td>
<td>Christ Chapel, Medical Mission to India, Fort Worth, TX, USA</td>
</tr>
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</table>

Oral Presentations

1982  Cecere, J.C. Fibrous Dysplasia of the Mandible Pretreatment Planning and Treatment, a Case Study. Society of Air Force Clinical Surgeons/ United State Air Force, San Antonio, TX, USA.

1986  Cecere, J. C. Scope of Oral and Maxillofacial Surgery. St. Joseph’s Hospital, Fort Worth, TX, USA.

1989  Cecere, J.C. Temporomandibular Joint Arthroscopy. Harris Methodist Hospital, Fort Worth, TX, USA.

2006 Cecere, J.C. Worst Case Scenarios in Dentoalveolar Surgery. Fort Worth District Dental Society, Fort Worth, TX, USA.

Review Articles


I. PERSONAL INFORMATION

**Yi-Qiang (Eric) CHENG, PhD**

Professor of Pharmaceutical Sciences
University of North Texas System College of Pharmacy
University of North Texas Health Science Center
3500 Camp Bowie Boulevard
Fort Worth, Texas 76107

E-mail: YiQiang.Cheng@unthsc.edu
Phone:  (817) 735-0165 (office); (414) 628-2391 (cell)
Webpage: https://www.unthsc.edu/college-of-pharmacy/yi-qiang-eric-cheng-phd/

II. EMPLOYMENT HISTORY

June 2013– Full Professor with tenure. Department of Pharmaceutical Sciences, UNT System College of Pharmacy, University of North Texas Health Science Center, Fort Worth, TX 76107

2009–2013 Associate Professor with tenure. Department of Biological Sciences, University of Wisconsin–Milwaukee, WI, USA

2006–2013 Adjunct Assistant / Associate Professor. Department of Chemistry and Biochemistry, University of Wisconsin–Milwaukee, WI, USA

2003–2009 Tenure-Track Assistant Professor of Microbiology and Biochemistry. Department of Biological Sciences, University of Wisconsin–Milwaukee, WI, USA

III. EDUCATION AND TRAINING

2001–2003 Postdoctoral Research Associate. Natural product biochemistry. School of Pharmacy, University of Wisconsin–Madison, Wisconsin, USA

1999–2001 Postdoctoral Research Associate. Natural product biochemistry. Department of Chemistry, University of California–Davis, California, USA

1993–1999 PhD in Botany and Microbiology (focused on the molecular biology and biochemistry of fungal natural product biosynthesis). Michigan State University, Michigan, USA


IV. ACADEMIC AND PROFESSIONAL ACTIVITIES

**Honors and Awards**

2013 Arthur E. Schwarting Award for the *Journal of Natural Products* Best Paper of the Year

2012–2013 University of Wisconsin Libraries Research Fellow

2011– Guest Professor. Wuhan Univ. School of Pharmaceutical Sciences, China

2011–2013 Member of the Milwaukee Institute for Drug Discovery, UW–Milwaukee

2010 Research Growth Initiative (RGI) Award. UW–Milwaukee

2009–2012 Visiting Researcher. Shanghai Jiao Tong Univ. Sch of Life Sci and Tech, China


2008 Research Growth Initiative (RGI) Award. UW–Milwaukee

2006 Research Growth Initiative (RGI) Award. UW–Milwaukee

1999 Bessey Research Award for Outstanding Graduate Research. Michigan St. Univ.

1998 Academic Travel Award. The Graduate School of Michigan State University

1989–1992 Graduate Fellowships. The Chinese Academy of Sciences

1986–1988 Outstanding Student Awards. Huazhong Agricultural University

**National and International Service Activities**
Grant Proposal Reviewer for:
- AACP New Investigator Awards (2016)
- Indonesia Science Fund (2016)
- US Department of Defense Medical Research Program (2010, panel member; 2011, declined to serve, due to a conflict of interest; 2013)
- Italian National Science Foundation (2010, 2013)
- US National Science Foundation (2010, Ad hoc)

Journal Reviewer for:
- Antonie van Leeuwenhoek Journal of Microbiology
- Applied and Environmental Microbiology
- Applied Microbiology and Biotechnology
- Biochemical Journal
- Bioorganic & Medicinal Chemistry
- Bioorganic & Medicinal Chemistry Letter
- Biopolymers
- Bioresource Technology
- ChemBioChem
- Journal of Antibiotics
- Journal of Applied Microbiology
- Journal of Biotechnology
- Jacobs Journal of Biotechnology and Bioengineering (Editorial Board member)
- Journal of Industrial Microbiology and Biotechnology (Editorial Board member)
- Journal of Microbiology and Biotechnology
- Journal of Natural Products
- Medicinal Chemistry Communications
- Molecular BioSystems
- PNAS
- etc.

Conference Session Chair or Co-Chair at:
- American Chemical Society (ACS) 2014 Southwest Regional Meeting (SWRM), Natural Product Discovery and Biosynthesis Sessions. November 2014, Fort Worth, Texas, USA
- BIT’s 4th World Cancer Congress, Track 2-3: Cancer Genomics, Genetics, Epigenetics and System Biology. May 2011, Dalian
- BIT’s 8th Annual Congress of International Drug Discovery Sciences and Technology, Section 1-1: Oncology and Drug Discovery. Oct. 2010, Beijing

Memberships:
- American Association for the Advancement of Sciences (AAAS; 1999–present)
- American Association of Colleges of Pharmacy (AACP; 2013–present)
- American Association for Cancer Research (AACR; 2009–2013)
- American Chemical Society (ACS; 2003–present)
- American Society of Microbiology (ASM; 2003–2015)
- Society for Industrial Microbiology and Biotechnology (SIMB; 1998–present)

University and Department Service Activities

At the University of North Texas Health Science Center (UNTHSC) and UNT System College of Pharmacy (UNT SCP) (2013–present):
- UNT SCP By-laws Working Group Member, 2013
- UNT SCP Promotion & Tenure Committee, 2013–2016
V. TEACHING EXPERIENCE

<table>
<thead>
<tr>
<th>Course</th>
<th>Name</th>
<th>Terms</th>
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<tbody>
<tr>
<td>PHAR 7412</td>
<td>Metabolic Basis of Pharmacotherapy</td>
<td>Every Fall semester since 2013</td>
</tr>
<tr>
<td>PHAR 7203</td>
<td>PharmD Research &amp; Seminar</td>
<td>Every semester since Fall 2014</td>
</tr>
<tr>
<td></td>
<td>Additional teaching involvement in PHAR 7234, PHAR 7442, BMSC 5135, PSPT 6400 and IPE</td>
<td></td>
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<tr>
<td>BioSci 152</td>
<td>Foundations – Biological Sciences II (Microbiology section)</td>
<td>Spring 2008</td>
</tr>
<tr>
<td>BioSci 595</td>
<td>Principles of Genetic and Molecular Engineering</td>
<td>Spring &amp; Fall 2005, Fall 2009</td>
</tr>
<tr>
<td>BioSci 671</td>
<td>Senior Seminar in Microbiology</td>
<td>Springs of 2009–2010</td>
</tr>
<tr>
<td>BioSci 925</td>
<td>Recent Developments in Biotechnology</td>
<td>Fall 2004</td>
</tr>
</tbody>
</table>

VI. RESEARCH INTERESTS AND SUPPORT

The long-term goal of my research is to discover and develop bioactive natural products from microorganisms as drugs or drug leads for the treatment of cancer and other types of diseases. Since graduate school I have been studying the genetics and biochemistry of microbial production of potent antibiotics and anticancer agents. In recent years as an independent investigator, I redefined my research to focus on de novo genomics-guided discovery of new natural products from underappreciated microbial sources. To this end, my laboratory has so far discovered a serial of eight potent histone deacetylase (HDAC) inhibitors, and a serial of five pre-mRNA splicing inhibitors. I have forged collaborations with internal and external experts to evaluate some of those small molecules at various stages of in vitro and in vivo studies on tumor models, e.g. with Dineo Khabele (Vanderbilt University) on ovarian cancer, with Herbert Chen and Shaoqin Gong (UW-Madison) on neuroendocrine cancer, with Kit Lam (UC-Davis) on breast cancer, with Hong Ding (Wuhan
University, China) on colon cancer, with Jer-Tsong Hsieh (UT Southwestern) on prostate cancer, with Abbot Clark and Weiming Mao (UNTHSC) on glaucoma, and with Riyaz Basha (UNTHSC) on leukemia and neuroblastoma. Some of those studies have generated exciting results and provided opportunities for further studies and funding opportunities. My research has been generously supported by NIH grants (R03, R01 and CTSA Pilot Grant), a US Department of Defense BCRP Idea Award and a pilot grant from the Lynde and Harry Bradley Foundation, supplemented with institutional funds from the University of Wisconsin–Milwaukee (UWM), the UWM Research Foundation, and now from the University of North Texas Health Science Center (UNTHSC).

Grants, Contracts and Awards:

Current Grants and Awards:

None

Pending Grant Applications:

1. CPRIT HIHR Award Program. Cheng (PI) 09/01/17-08/31/19 1.5 cal. mo. New Natural Product Fraction Library Derived from Indigenous Texas Microbes for Cancer Drug Discovery Budget: $200,000 The goal of this project is to prepare a high quality, medium-scale, demonstrative natural product fraction library using microorganisms isolated from diverse Texas soils for the discovery of anticancer drugs or drug leads.

Completed Grants and Awards:

1. NIH/NCI R01 CA152212 Cheng (PI) 08/01/10-11/30/15 2.4 cal. mo. Discover and Engineer New Histone Deacetylase Inhibitors as Anticancer Agents The major goals of this project are to discover and engineer a small library of FK228-class histone deacetylase (HDAC) inhibitors by combinatorial biosynthesis and chemical derivatization, to conduct in vitro and in vivo activity evaluations, and to identify drug candidates for advanced preclinical testing.

2. NIH/NCATS 5UL1TR001105 (Pilot Grant) Cheng (PI) 01/01/15-12/31/15 0.6 cal. mo. Experimental Therapeutics Targeting aberrant Alternative Splicing of Androgen Receptor Gene Expression in Castration Resistant Prostate Cancer The goal of this pilot grant is to conduct preliminary evaluations of a small class of pre-mRNA splicing inhibitors in castration resistant prostate cancer. Co-PI: Jer-Tsong Hsieh


VII. PUBLICATIONS

Primary Research Papers:


Manuscripts under review

Review Articles

Book Chapters

Patents and Patent Applications:


**VIII. Other Scholarly Activities**

**Conference Presentations (posters or oral; listed only since 2003):**


Invited Seminars
2002. Department of Biological Sciences, University of Wisconsin–Milwaukee, WI, USA
2003. Department of Chemistry and Biochemistry, Miami University, Oxford, OH, USA
2003. Department of Biological Sciences Colloquium, UW–Milwaukee, WI, USA
2004. The Great Lakes WATER Institute, UW–Milwaukee, WI, USA
2004. The Society of Chinese American Professors and Scientists (SoCAPS), the Greater Milwaukee Chapter. Milwaukee, WI, USA
2004. The Center for Functional and Environmental Genomics, UW–Milwaukee, WI, USA
2006. Milwaukee Microbiology Society, Milwaukee, WI, USA
2006. Department of Biological Sciences Colloquium, UW–Milwaukee, WI, USA
2007. College of Pharmacy, Nankai University, Tianjin, China
2007. School of Pharmaceutical Science and Technology, Tianjin University, Tianjin, China
2007. College of Life Sciences and Technology, Beijing University of Chemical Technology, Beijing, China
2008. Department of Biological Sciences Colloquium, UW–Milwaukee, WI, USA
2008. Department of Biology and Chemistry, City University of Hong Kong, Hong Kong, China
2008. College of Biomedical Engineering and Instrument Science, Zhejiang University, China
2008. Shanghai Institute of Organic Chemistry, the Chinese Academy of Sciences, Shanghai, China
2009. Wuhan University School of Pharmaceutical Sciences. Wuhan, China
2009. The South China Sea Institute of Oceanography, Chinese Academy of Sciences. Guangzhou, China
2009. Department of Biological Sciences Colloquium, UW–Milwaukee, WI, USA
2010. Institute of Microbiology, the Chinese Academy of Sciences, Beijing, China
2011. Milwaukee Microbiology Society, Milwaukee, WI, USA
2012. UW-Milwaukee Bioengineering Program, Milwaukee, WI, USA
2012. Milwaukee School of Engineering, Milwaukee, WI, USA
2012. Wuhan University School of Pharmaceutical Sciences. Wuhan, China
2012. University of Arizona School of Pharmacy, Tucson, AZ, USA
2012. University of California-Davis Medical Center, Sacramento, CA, USA
2012. Texas Tech University Health Science Center School of Pharmacy, Amarillo, TX, USA
2012. University of North Texas System College of Pharmacy, Ft. Worth, TX, USA
2012. University of Oklahoma Stephenson Cancer Center, Oklahoma City, OK, USA
2013. Wuhan University School of Pharmaceutical Sciences. Wuhan, China
2013. Texas Christian University, Dept of Chemistry, Fort Worth, TX, USA
2013. Southern Methodist University, Dept of Biology, Dallas, TX, USA
2014. University of Texas Southwestern Medical Center, Dept of Urology, Dallas, TX, USA
2014. UNTHSC Institute for Cancer Research, Fort Worth, TX, USA
2014. University of Texas-Arlington, Dept of Chemistry, Arlington, TX, USA
2016. Concordia University-Wisconsin, College of Pharmacy, Mequon, WI, USA

Students advised

At UW-Milwaukee (August 2003–May 2013):
Natalia Stein  Spring 2004, undergraduate student, UW–Milwaukee
Paula Unold  Summer 2004, undergraduate student, UW–Milwaukee
Katherine Bricceno  Summer 2004, summer 2005, undergraduate student, U. of Minnesota
Yelena Sigel  Fall 2004, undergraduate student, UW–Milwaukee
Min Yang  December 2004–August 2006, Postdoctoral Research Associate
Melissa Barman  2004–2006, MS graduate student, UW–Milwaukee
Andrea Matter  2004–2007, MS graduate student, UW–Milwaukee
Jamie Held  Spring and summer 2005, undergraduate student, UW–Milwaukee
Vishwa Potharla  2006–2011, PhD graduate student, UW–Milwaukee
Phoebe Devitt  Spring 2007–summer 2008, undergraduate student, UW–Milwaukee
Richard Li  Spring and Fall 2007, undergraduate student, UW–Milwaukee
Josh Rehberger  Spring and Fall 2007, undergraduate student, UW–Milwaukee
Shane Wesener  2007–2013, PhD graduate student, UW–Milwaukee
Jingkui Tian  August 2007–June 2008, Visiting Scholar, Zhejiang University, China
Cheng Wang  July 2008–2013, Postdoctoral Research Associate
Yulian Zhan  July 2009–December 2009, Postdoctoral Research Associate
Mychal Seger  Spring 2010–Spring 2011, undergraduate student, UW–Milwaukee
Xiangyang Liu  August 2010–present, Postdoctoral Research Associate
Gopit Shah  August 2010–July 2012, Postdoctoral Research Associate
Rachel Lieberman  Fall 2010–Spring 2011, undergraduate student, UW–Milwaukee
Xiangyang Liu  August 2010–2013, Postdoctoral Research Associate
Sreya Biswas  2011–2013, PhD-track graduate student, UW–Milwaukee
Nancy Gao  Fall 2011, high school student, Nicolet High School, Whitefish Bay, WI
Blake Neuburg  Fall 2011, undergraduate student, UW–Milwaukee
Christopher Antapli  Spring 2012 – Spring 2013, undergraduate student, UW–Milwaukee

At UNTHSC (since June 2013):

Xiangyang Liu  July 2013–May 2016, Postdoctoral Research Associate
Hui Zhu  August 2013–December 2015, Visiting Graduate Student
Santosh Thapa  December 2013–February 2014, Rotation Graduate Student
Dan Chu  November 2014 – April 2015, Research Assistant
Rinkal Patel  August 2014–October 2016, Research Assistant
Viviana Mancilla  January–March 2016, Rotation Graduate Student
Grant Currens  October 2016–present, Graduate Research Assistant

IX. References
Curriculum vitae

Patrick G. Clay, PharmD, FCCP, CCTI
Professor, Pharmacotherapy
University of North Texas System College of Pharmacy
3500 Camp Bowie Boulevard, RES 411-F, Fort Worth, Texas 76107
Email: Patrick.Clay@untbhc.edu; O: (817) 735-2798; M: (816) 536-0974; URL: http://www.hsc.unt.edu/education/scp/
Twitter: @UNTPharmProf; LinkedIn: www.LinkedIn.com/in/untpharmprof

Education and Post-Graduate Pharmacy Training
1988 – 1993 Bachelor of Science in Pharmacy, University of Louisiana at Monroe College of Pharmacy
1994 – 1996 Doctor of Pharmacy, University of Oklahoma Health Sciences Center College of Pharmacy (OUHSC-COP)
1996 – 1997 Specialty Residency, Pharmacokinetics/Infectious Diseases, University of Oklahoma Health Sciences Center Colleges of Pharmacy and Medicine (OUHSC-COP/M)
1997 - 1999 Fellowship, Infectious Diseases Pharmacotherapy, OUHSC-COP/M
2000 – 2002 Business Information Technology (non-degree seeking), UMKC School of Information Technology

Licensure
1994 - 1999 Louisiana (#15612) and Oklahoma (#11650)
2000 – 2013 Louisiana (#15612) and Missouri (#2001005462)
2013 – ONG Louisiana (#15612) and Texas (#52676)

Certifications / Awards
2006 Certified Clinical Trial Administrator, Society of Research Administrators
2007 – 2014 Certification for Clinical Trial Investigators, Association of Clinical Research Professionals (CCTI)
2007 Fellow, American College of Clinical Pharmacy (FCCP)
2014 – ONG Certified Principal Investigator, Association of Clinical Research Professionals (CPI)
2014 – ONG Certified HIV Provider, American Academy of HIV Medicine (AAHIVP)
2015 University of North Texas System College of Pharmacy Pharmacotherapy Teacher of the Year

Appointments:
Academic
1996 – 1999 Instructor, Division of Pharmacy Practice, University of Oklahoma College of Pharmacy
1999 – 2005 Assistant Professor, Division of Pharmacy Practice, University of Missouri-Kansas City
2005 – 2012 Adjunct Associate Professor of Pharmacy Practice, Department of Pharmacy Practice, School of Pharmacy, University of Missouri – Kansas City (UMKC)
2005 – 2012 Associate Professor of Medicine, College of Osteopathic Medicine, Kansas City University of Medicine and Biosciences (KCUMB)
2009 – 2012 Adjunct Associate Professor, St. Louis College of Pharmacy, St. Louis, MO
2011 – 2012 Adjunct Associate Professor, Creighton University College of Pharmacy, Omaha, NE
2012 – ONG Professor, Pharmacotherapy, University of North Texas System College of Pharmacy, Fort Worth, TX
2014 – ONG Adjunct Associate Professor, Texas Christian University Harris College of Nursing, Fort Worth, TX

Administrative
2005 – 2012 Director, Clinical Research, Kansas City University of Medicine and Biosciences

Clinical
1999 – 2005 Member, HIV Primary Care Team, Kansas City Free Health Clinic, Kansas City, Missouri
1999 – 2003 Member, Program Team, Kansas City Free Health Clinic, Kansas City, Missouri
2000 – 2001 Member, Kansas City Metropolitan Service Area Institutional Review Board Consortium, Kansas City, Missouri
2002 – 2007 Midwest AIDS Education and Training Consortium; Pharmacists’ Training Program Advisor, Kansas City, Missouri
2007 – 2008 Member, Clinical Research Advisory Board, Kansas City Area Life Sciences Initiative, Kansas City, Missouri
2010 – ONG Science Officer, American Pharmacists Association, Washington, DC
2014 – ONG Site Principal Investigator, AIDS Arms dba PrismHealth (formerly Trinity Health and Wellness), Dallas, TX
Research activities

Ongoing Research (all)

1. PS315-15 Clay (PI) 2013 – 2017
   CDC/National Minority AIDS Council
   Determining and describing optimal features (in a model) of collaborative relationships between community pharmacies and HIV primary care providers in a patient centered care model to obtain maximal impact on individual and community health outcomes

2. Merck & Co., Inc, MK-1459-018: A Phase 3 Multicenter, Double-Blind, Randomized, Active Comparator-Controlled Clinical Trial to Evaluate the Safety and Efficacy of Doravirine (MK-1439) 100 mg Once Daily Versus Darunavir 800 mg Once Daily plus Ritonavir 100 mg Once Daily, Each in Combination With TRUVADA™ or EPZICOM®/KIVEX™, in Treatment-Naïve HIV-1 Infected Subjects (PhRMA sponsored contracted clinical trial, site Principal Investigator)

Completed Research

Original research (externally funded; internal / unfunded listed only in original research publications)

   A phase 1, randomized, 2-week, cross-over pharmacokinetic comparison of fosamprenavir plus atazanavir with and without ritonavir in twenty (20) HIV-negative subjects.

2. 1TLRR033178 / 1UL1RR033179 / 1KL2RR033177 Barohn (PI) / Aaronson (PI) 2010 – 2012
   NIH/NCRR
   Heartland Institute for Clinical and Translational Research. These linked Clinical and Translational Science Awards (CTSA) provide infrastructure facilities and support and educational and training. Role: Co-Investigator (funded)

3. HRSA-14-061 Clay (PI) 2014 – 2015
   DHHS/HRSA/HAB/Division of Community HIV/AIDS Program
   Instituting an innovative, patient-centered program to improve adherence to antiretrovirals in and retention in care of chronically non-adherent male patients aged 18-24 in North Central’s Texas’ Tarrant County Public Health Department’s Ryan White Part C funded medical service providers.

Multi-center, PhRMA sponsored clinical trials (Site Principal Investigator):


2. Merck and Co., Inc., Merck Practice Cooperative study surveying patients’ attitudes regarding changing their antiretroviral therapy for any reason

3. GlaxoSmithKline, CNA30032: a retrospective, case-control study to investigate genetic polymorphisms in HIV-infected subjects who developed hypersensitivity following treatment with abacavir


5. Boehringer-Ingelheim Pharmaceuticals Inc., 1182.52: Double blind, randomized, dose optimization trial of three doses of tipranavir boosted with low dose ritonavir (TPV/RTV) in multiple antiretroviral drug-experienced subjects

6. Agouron Pharmaceuticals Inc., AG1343-1205: Genotype assisted initial nelfinavir study (GAIN)

7. Bristol-Myers Squibb, AI266-406 "VEST-QD: A Phase IV, Open-label, randomized, multi-center, study switching HIV-1 infected subjects with a viral load of <50 copies/mL on a first PI-based regimen to a efavirenz substitution regimen

8. Boehringer-Ingelheim Pharmaceuticals Inc., 1182.12: RESIST-1: Randomized, open-label, comparative safety and efficacy study of tipranavir boosted with low-dose ritonavir (TPV/RTV) versus genotypically-defined protease inhibitor/ritonavir (PI/RTV) in multiple antiretroviral drug-experienced patients


10. Bristol-Myers Squibb Inc., A multicenter, randomized, double-blind, placebo-controlled, phase 3 trial to evaluate the efficacy and safety of saxagliptin (BMS-477118) as monotherapy in subjects with type 2 diabetes who have inadequate glycemic control with diet and exercise. (BMS CV181011).

12. Gilead Sciences, Expanded Access Program for Tenofovir Disoproxil Fumarate (Tenofovir DF) in the Treatment of HIV-1 Infected Patients Who Have Limited Treatment Options

13. Serono Labs, A pilot multi-center, open-label study to determine the efficacy and safety of serostim in HIV patients with unintentional weight loss or BCM depletion on combination antiretroviral therapy with or without protease inhibitors

14. Pfizer, Inc., Voriconazole expanded access program

15. Roche Pharmaceuticals, Inc., Enfuvirtide (Fuzeon) expanded access protocol

16. Boehringer-Ingelheim Pharmaceuticals, Inc., Expanded access protocol for tipranavir in patients with little or no treatment options available

17. Bristol-Myers Squibb Inc., Atazanavir expanded access study for HIV infected persons with few treatment options remaining

18. Pfizer Inc., Efficacy and safety of inhaled human insulin (exubera) compared with subcutaneous human insulin in the therapy of adult subjects with type 1 or type 2 diabetes mellitus and chronic obstructive pulmonary disease: a one-year, multicenter, randomized, outpatient, open-label, parallel-group comparative trial. (A2171030)

19. Novartis Pharmaceuticals, A 25-week treatment, multicenter, randomized, double-blind, placebo-controlled, adaptive, seamless, parallel-group study to assess the efficacy, safety and tolerability of two doses of indacaterol (selected from 75, 150, 300 & 600 μg o.d.) in patients with chronic obstructive pulmonary disease using blinded formoterol (12 μg b.i.d.) and open label tiotropium (18 μg o.d.) as active controls (CQAB149B23335S)

20. Boehringer-Ingelheim Pharmaceuticals, Inc., 1100.1489: Steady State Bioavailability of 2 different Viramune Extended Release formulations compared to steady state 400 mg of Viramune® (200 mg BID), in HIV infected subjects, an open label, non randomized, multidose and multistage parallel group study. (ERVIR)


24. Boehringer-Ingelheim Pharmaceuticals, Inc., A Randomised, double blind, double dummy, parallel group, active controlled trial to evaluate the antiviral efficacy of 400 mg QD neVipine Extended Release formulation in comparison to 200 mg BID ne Virapine immediate release in combination with Truvada in antiretroviral therapy naive HIV-1 infected patients (VERXVE 1100.1486)

25. GlaxoSmithKline, A randomized, open-label, parallel-group, multicenter study to determine the efficacy and long-term safety of albiglutide compared with insulin in subjects with type 2 diabetes mellitus (GLP112754)

26. GlaxoSmithKline, A randomized, double-blind, placebo- and active-controlled, parallel-group, multicenter study to determine the efficacy and safety of albiglutide when used in combination with metformin compared with metformin plus sitagliptin, metformin plus glimepiride, and metformin plus placebo in subjects with type 2 diabetes mellitus (GLP112753).

27. GlaxoSmithKline, A randomized, double-blind, placebo- and active-controlled, parallel-group, multicenter study to determine the efficacy and safety of albiglutide administered in combination with metformin and glimepiride compared with metformin plus glimepiride and placebo and with metformin plus albiglutide in subjects with type 2 diabetes mellitus (GLP112757)

28. GlaxoSmithKline, A randomized, double-blind, placebo-controlled, parallel-group, multicenter study to determine the efficacy and safety of albiglutide when used in combination with pioglitazone with or without metformin in subjects with type 2 diabetes mellitus (GLP112755)

29. Bristol-Myers Squibb Inc., A multicenter, randomized, double-blind, placebo-controlled, phase 3 trial to evaluate the efficacy and safety of saxagliptin (BMS-477118) in combination with metformin in subjects with type 2 diabetes who have inadequate glycemic control on metformin alone (BMS CV181014).

30. Viiv Healthcare, Inc., SGN113399: A Phase Ib study to select a once daily oral dose of GSK2248761 in HIV-1 infected antiretroviral therapy experienced adults with non-nucleoside reverse transcriptase inhibitor (NNRTI) resistance


32. NAPO Pharmaceutical, NP303-101: (ADVENT): Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Two-Stage Study to Assess the Efficacy and Safety of Cofrelemer 125mg, 250 mg, and 500 mg Orally Twice Daily for the Treatment of HIV-Associated Diarrhea.


34. Viiv Healthcare, GSK111762: A Randomized, Double-blind Study of the Safety and Efficacy of GSK1349572 50 mg Once Daily Versus Raltegravir 400 mg Twice Daily, Both Administered With an Investigator-selected Background Regimen Over 48 Weeks in HIV-1 Infected, Integrase Inhibitor-Naive, Antiretroviral-Experienced Adults.
35. Viiv Healthcare, GSK113734: A Prospective, Randomized, Multicenter, Open-Label Study to Compare the Efficacy and Safety of Simplifying From a Regimen of Atazanavir (ATV) + Ritonavir (RTV) + Tenofovir/Emtricitabine to ATV + Abacavir/Lamivudine Without RTV in Virologically Suppressed, HIV-1 Infected, HLA-B*5701 Negative Subjects.

36. Pfizer Inc., B1481012: A Phase 2, Double-Blind, Placebo-Controlled, Randomized Study To Assess The Efficacy, Safety And Tolerability of PF-04950615 Following Multiple Intravenous Doses In Hypercholesterolemic Subjects On Maximum Dose Of Atorvastatin Or Rosuvastatin.

37. Entera Health, Inc, EH6001:Randomized, double-blind, placebo-controlled, multicenter, clinical study evaluating the impact of serum-derived bovine immunoglobulin protein isolate, a medical food, on nutritional status in HIV+ subjects with HIV-associated enteropathy.

**Scholarly Productivity**

**Original Research Publications**


* denotes corresponding author status

**Manuscripts for studies where I served as a site Principal Investigator**


Case Reports/Editorials/Letters to the Editor/Drug Information Rounds

Book reviews
Peer-reviewed original research, clinical observations and teaching abstracts presented

2017
5. Ma AB, Clay PG. Oxidized low density lipoprotein for the early detection of atherosclerosis in human immunodeficiency virus patients on antiretroviral therapy. UNTHSC Research Appreciation Day, Fort Worth, Texas. March 2017

2016

2015

2013

2010

2009

2008
31. Linklater E, Clay PG. A pilot study to assess study participants’ ability to recall information from the informed consent and how well the person who consented them perceived they would be able to recall that information. Drug Information Journal 2008;42(4).

2007

2006

2005
2008 University of Louisiana – Monroe School of Pharmacy, External Grant Reviewer


2002
44. Clay PG. Actual doses per day in patients with successful antiretroviral regimens. 2nd International Conference on Adherence to Antiretrovirals. Omni Renaissance Conference Center, Dallas, Texas. December 5, 2003. [platform presentation, Abstract #8]


2001

48. Clay PG, Lein AD. Retrospective and concurrent comparison of the efficacy and cost-effectiveness of topical testosterone gel (TG) versus intramuscular (IM) or dermal patches (DP) in medically indigent HIV infected patients with clinical hypogonadism (HG) or laboratory evidence of need for testosterone supplementation (TS). 40th Infectious Diseases Society of America Meeting, Chicago, IL. October 2002, Poster #474.


2000


1999

56. Clay PG, Kille A. “Comparison of the Incidence, Magnitude, Rate and Post-Therapeutic Effect of Ritonavir (RTV) on Cholesterol and Triglycerides (CHOL/TG) when used as a Pharmacokinetic Inhibitor (200 mg BID) versus Antiretroviral (400 mg BID)” 40th ICAAC, Toronto, Ontario, Canada (September 18, 2000) (encore 35th ASHP Midyear Clinical Meeting, Las Vegas, NV (December 6, 2000)); (encore 1st Annual Students Engaged in Artistic and Academic Research, UMKC, Kansas City, Mo (May 3, 2001))


58. Clay PG, Adams MA, Mangum E. “Severe Pseudoparkinsonism secondary to a ritonavir-buspirone interaction” 38th IDSA, New Orleans, Louisiana (September 8, 2000)

1999


Service

Government service

State
12/07 – 12/10 Voting member, Missouri Technology Commission High-Tech Small Business Incentive Program Advisory Committee, Kansas City, Missouri

2008 University of Louisiana – Monroe School of Pharmacy, External Grant Reviewer

2012 University of Missouri Research Board, External Grant Reviewer
2011 – 2012  Kansas University Medical Center Heartland Institute for Clinical and Translational Research (CTSA) Grant review committees (Pilot, KL2 and T32 applications)

2016 – ONG  Texas Department of Health and Senior Services Medicaid Drug Utilization Review Board (voting member)

Federal


2008 – 2011  United States Department of Health and Human Services (DHHS), Food and Drug Administration (FDA) Center for Drug Evaluation and Research’s (CDER) Antiviral Advisory Committee (voting member), Silver Springs, Maryland.

2008  DHHS NIH NIAID Special Emphasis Panel (P01 ZA11-CCH-A-M1)

2009  DHHS NIH ARRA Challenge Grants (2 panels)

2011  DHHS NIH NIAID Special Emphasis Panel Review Group (BAA 05 ZAI1 EC-M (C1))

2011 – 2014  DHHS FDA CDER, Pharmacology consultant (all committees), Silver Springs, Maryland.

2012  DHHS NIH NIAID Special Emphasis Panel, Integrated Preclinical/Clinical Program Review Panel (ZAI1 EC-A (S1))

2013  CMMI Healthcare Innovations Awards Round Two reviewer (panel 36)

2013  DHHS NIH NIAID Special Emphasis Panel (R01, RFA-AI-13-008)

2013  DHHS NIH NIAID Special Emphasis Panel (UM1, RFA-AI-05-002)

2013  DHHS NIH NIAID Preclinical Innovation Program Panel (R01, AZI1 JKB-A)

2014  DHHS NIH NIAID Preclinical Innovation Program Panel (U19, ZAI1 BP-A(M2))

International:

2006  Grant reviewer, Republic of South Africa Medical Research Council

Academic service

UMKC School of Pharmacy committee memberships: admissions, honor code, curriculum, Phi Delta Chi advisor

KCUMB committee memberships: admissions, IRB, awards/scholarships, university VP Research search committee, research faculty

UNTHSC committee membership: scholarship and awards, faculty bylaws, faculty senate, director online medical education search committee, research advisory council, faculty senate, faculty grievance and appeals, President’s Council on People and Culture, Provost Task Force on Faculty Contracts, Provost Ad Hoc committee on UNTHSC annual evaluation tool and processes, Leadership 125, student leadership academy

UNTPC committee membership: admissions, curriculum, white coating, orientation, promotion & tenure, graduate program, clinical programs, scholarships and awards, ACPE accreditation survey report (various)

Promotion and Tenure External Reviewer

2007  Western University of Health Sciences, College of Pharmacy

2008  University of Oklahoma Health Sciences Center

2010  University of South Carolina, College of Pharmacy

2011  Western University of Health Sciences, College of Pharmacy

2011  University of New Mexico, College of Pharmacy

2012  University of Louisiana – Monroe, College of Pharmacy

2013  West Virginia University College of Pharmacy

2014  St. Louis College of Pharmacy

2015  University of California – San Francisco, College of Pharmacy

2015  UNTHSC School of Public Health

2016  UNTHSC School of Public Health

2016  Albany College of Pharmacy

2016  University of New Mexico College of Pharmacy

Peer-Reviewed Journal Referee activities:

Editorial role, Annals of Pharmacotherapy, section on HIV/AIDS and STDs

2003 – 2007  Chairperson

2007 – 2009  Contributing member

Peer reviewed journal manuscript reviewer:


Professional Organizations (only those with offices held or leadership roles listed):

American Association of Colleges of Pharmacy
2001 – 2003 Member, Ad Hoc Committee, Computer Technology in Pharmacy Practice Education (nationwide survey developed, implemented, completed and reported at 2003 annual meeting)
2008 2008 New Investigator Program, Grant Review Committee, Pharmacy Practice
2009 – 2010 Member, Research and Scholarship Task Force

American College of Clinical Pharmacy:
2000 – 2001 Member, Awards Committee
Chairperson, Sub-committee on Clinical Practice Award
2001 – 2002 Member, Task Force on Cultural Competence
2001 – ONG Spring meeting abstract reviewer
2001 – ONG Annual meeting abstract reviewer
2002 – 2006 Annual meeting Silent Auction volunteer
2007 Member, Organizational Affairs Committee
2008 – 2009 Member, Taskforce on the state of Research in the pharmacy curriculum
2011 Reviewer, PSAP Module, HIV/ Opportunistic Infections

Infectious Diseases Practice and Research Network (a specialty group within ACCP)
2003 – 2004 Secretary/Treasurer
2004 Member, Mini-sabbatical Review Committee
2004 – 2005 Chair-elect
2005 – 2006 Chair
2006 Chairperson, Ad-Hoc Committee for Revision of Mini-Sabbatical Application Guideline
2006 – 2007 Past-chair
2007 Chairperson, Mini-Sabbatical Review Committee

American Pharmacists Association
2009 – ONG Abstract reviewer, Annual meeting
2009 – 2011 Member, Executive Council, APRS
2009 – 2010 Judge, Scientific Poster Sessions, Annual Meeting
2009 – 2010 Chair-Elect, APRS Section on Clinical Sciences
2009 - 2010 House of Delegate representative, APRS – Clinical Sciences section
2010 – 2011 Chair, APRS Awards Committee
2010 – 2011 Chair, APRS Section on Clinical Sciences
2011 – 2012 Immediate past-chair, APRS Section on Clinical Sciences
2013 – present Chair, Expert Panel on Pharmacist Direct Patient Care Services

American Society of Health-System Pharmacists
1999 – 2010 Contributing member, Clinical Specialist Network
2002 – 2010 Contributing member, HIV Specialist network
2002 Member, Advisory Panel on Computers in Teaching
2004 Candidate, ASHP Section on Clinical Specialists and Scientists

Heartland Association of Research Professionals
2010 – 2012 Vice-President
2011 – 2012 Chair, Annual Conference

International Pharmaceutical Federation
2002 Module reviewer, Role of Pharmacists in Providing Pharmaceutical Care to HIV infected persons’ modular learning sets

Kansas City Association of Nurses in AIDS Care:
2000 – 2002 Co-chair, Scientific Affairs and Events
Mid-America College of Clinical Pharmacy:
2001 – 2002 President - elect
2002 – 2003 President
2003 – 2006 Website administrator
2005 – 2012 Acting President

Missouri Society of Health-System Pharmacists
2001 – 2008 Research and Education Foundation Board Member
2003 – 2006 Website development/oversight task force
2009 Planning Committee, Annual Meeting
2009 Judge, Resident Poster competition

Society of Infectious Disease Pharmacists:
2001 – 2002 Member, Internet Committee
2002 – 2004 Chair, Internet Committee
2002 – 2005 Co-Chair, Task Force on HIV Focused Pharmacists
2004 Candidate, Board Member at Large
2006 Member, Program Committee, 2006 SIDP Annual Meeting
2007 Member, Membership Committee
2008 Member, Government Affairs
2008 Chair, Recognition Committee
2009 – 2011 Member, Political Advocacy Committee
2012 Member, Recognition Committee
2013 Member, Recognition Committee
2015 Member, Grants Committee
2016 Member, Elections Committee
2017 Member, Inter-professional Engagement Committee

American College of Physicians
2011 – 2012 Co-Chair, Taskforce on Workforce Shortages: HIV Primary care providers

2nd International Conference on Adherence to Antiretroviral Therapy
2003 Abstract reviewer

Conferences/programs for which I served as chair or member of conference organizing body:
April 2014 UNTHSC 2nd Annual Health Literacy Symposium: Building Health Literate Organizations, 1-day symposium delivering 7 hours of CME, CPE to healthcare professionals where my role is conference organizing committee member and keynote speaker.
Oct 2012 Heartland Association of Research Professionals Annual Conference, a 1-day symposium delivering 7 hours of CME accredited training to regional research professionals where my role was conference chair and organizer.
Oct 2011 Heartland Association of Research Professionals Annual Conference, a 1-day symposium delivering 7 hours of CME accredited training to regional research professionals where my role was conference chair and organizer.
Dec 2010 2nd Global Clinical Budgeting and Contracting Excellence Conference, a 2-day annual symposium delivering timely and relevant information on improving the contractual process between clinical trial sponsors, CROs and investigator sites, Philadelphia, PA.
Apr 2009 MSHP/ISHP Annual Meeting Planning Committee, a 3 day annual meeting of two states’ of pharmacy association meeting, St. Charles, Missouri.
Feb 2008 KCUMB 17th Annual Research Day, Conference Chair – 1 ½ day intramural research presentation conference focusing on student and faculty research activities including keynote speaker from NIH (Dr. Victoria Pinn). Kansas City, Missouri.
Apr 2004 “HIV in Kansas City – whaddya gonna do ‘bout it?” – 4-hour media outlet focused informational symposium on ongoing HIV research in the Kansas City Metropolitan Service Area
Jun 2003 National Pharmacist Advisory Panel: Two day conference in Del Mar, California designed to update and gather feedback on HIV Pharmacotherapy with leading pharmacy researchers and clinicians from across the United States
June 2003 “Drugs and Bugs: Infectious Microorganisms”, Missouri Biotechnology Association, Assisted in coordinating event and finalizing speakers for UMKC coordinated event, Kansas City, MO
Oct 2002 Mid-America College of Clinical Pharmacy CE program “HIT: sorting out the controversies” – 1 hour CE program
Aug 2002 Kansas City Association of Nurses in AIDS Care 14th World AIDS Conference Summary: 4-hour symposium conducted by internationally known speakers and researchers in HIV. Funding directly provided to KC ANAC
Aug 2002  Mid-America and Gateway Colleges of Clinical Pharmacy Annual Meeting entitled “Cutting Edge Pharmacotherapy – Innovations in Practice and Medicine”, Branson, Missouri. Funding provided directly to MACCP
Jun 2002  Mid-America College of Clinical Pharmacy Symposia on “What PHARMA looks for in seeking clinical trial sites”, Kansas City Royals Kaufmann stadium, Kansas City, Missouri.
Oct 2000  Mid-America AIDS Educational Alliance (MAEDAL): multidisciplinary, educational breakfast meeting of HIV researchers in the Kansas City area with presentations from locally-based & nationally known researchers/clinicians

Teaching

Undergraduate / Graduate audiences, Academic-based (* - denotes course coordinator)

Didactic teaching*
1999 – 2005  UMKC COP, PharmD program, Pharmacotherapy, Pharmacokinetics*, Professional Communications,
1999 – 2005  UMKC College of Nursing, Masters of Nursing Practitioner program: nursing therapeutics
2005 – 2012  KCUMB COM/B, Pharmacology/ethics, Clinical research training and ethics on conducting clinical research
2012  UNTHSC School of Public Health: Antibiotics and animals: a prescription for disaster or our best hope for meat?
2013 – ONG  UNTSCP: Introduction to Pharmacy Practice, Introduction to Pharmacy Practice Experiences, Pharmacology of Infectious Diseases*, Pharmacotherapy Infectious Disease Module*, OSCE grader, Interprofessional Education session facilitator, PharmD Research Seminar*,

Clinical/Experiential Teaching
1999 – 2005  UMKC COP, PharmD program, required IM & elective research APPE & IPPE (students, residents and non-traditional)
2006 – 2012  UMKC COP, PharmD program, elective research APPE
2007 – 2012  KCUMB COM/B, 4-week elective rotations in clinical research for medical and Masters of Biosciences students
2009 – 2012  St. Louis College of Pharmacy, PharmD program, elective APPE (clinical research)
2010 – 2012  KCUMB COM, IDIS-122 (a 1.5 credit hour course I designed to provide thorough education to medical students regarding the appropriate, ethical and economical aspects of clinical research)
2012 – ONG  UNTHSC Texas College of Osteopathic Medicine (TCOM) Family Medicine Residency Program influenza update,
2013  UNTHSC TCOM Family Medicine Residents Community MRSA prevention and management update
2016 – ONG  UNTSCP APPE 6-week elective rotation in HIV clinical research

Group Facilitating Sessions
1999 – 2004  UMKC COP, Honors seminar, elective course for senior PharmD students
1999 – 2005  UMKC COP PharmD program, led and guided various sized groups of students in non-classroom settings discussing introduction to pharmacy and research methodology
2006 – 2012  KCUMB COM, quarterly small group sessions discussing professionalism, ethical and cultural topics
2012 – 2013  UNTHSC Code Blue simulations (annual)
2013 – present  UNTHSC Interprofessional Experiential Forums (quarterly)

Graduate / Professional Student Teaching / Mentoring
2005 – 2012  KCUMB COM, Summer Fellowship program (annual, 2-month intensive research experience for medical students)
2007  KCUMB COB, served as primary mentor for master’s thesis committee (multiple candidates)
2016  UNTHSC Graduate School of Biomedical Sciences Masters of Clinical Research Administration primary mentor

Invited Lectures
2003  University of Kansas School of Pharmacy and Kansas University Medical Center, Post-doctoral Pharmacy Practice/Masters of Business Administration resident rotations
2004  University of Nebraska College of Pharmacy (2004, Guest therapeutics lecturer (HIV/AIDS)
2008  St. Louis University College of Pharmacy, St. Louis, Missouri, Clinical Research Elective Rotation for senior PharmD students

Professional / Healthcare provider instruction

Professional conference invited speaker and platform presentations:
4.  “Use of crofelemer for treatment of non-infectious diarrhea in HIV-positive persons receiving antiretroviral therapy”, social worker and nursing CE program, Dallas, TX, September 2013.
17. “Sponsor, site and CROs discuss improving communication, adhering to contracting and budgeting responsibilities and building relationships to achieve success: the academic site perspective”, 2nd Annual Global Clinical Budgeting & Contracting Excellence Conference, Philadelphia, PA, December 6, 2010.
34. “Successfully Recruiting Niche Populations for Clinical Trials: God, Money and Me – the influence of religion, economics and ethnicity on recruitment strategies targeting under-represented populations”, 44th Annual Meeting of the Drug Information Association, Boston, Massachusetts, June 26, 2008.
37. “Invigorating clinical research productivity from clinicians – lessons learned at Dybedal Clinical Research Center”, Grand Rounds, University of Buffalo School of Pharmacy, Buffalo, New York, March 27, 2008.
52. “Research from Head to Toe: Enrolling Your Patient’s in Investigational Studies Available at KCUMB’s Dybedal Clinical Research Center”, Medical Center of Independence Conference. November 30, 2005.
60. “Published data on TDM of Antiretroviral Therapy” – Grand Rounds, Grady Memorial Hospital, Atlanta, Georgia, October 14, 2004.
64. “Reyataz: the first once daily protease inhibitor” – Kansas City, Mo. July 28, 2004
71. “HIV drug interactions” – 8th Annual Infectious Disease and Critical Care Symposium, Detroit Medical Center, Wayne State University, Detroit, MI. January 30, 2004.
79. “HIV Pharmacotherapy: A Primer” – L’Auberge Resort and Spa, Del Mar, California, June 13, 2003
80. “Update on HIV Therapy” – Chicago Veteran’s Affairs Medical Center, May 29, 2003, Chicago, IL.
82. “Simplifying the ART of HAART: applying pharmacokinetics to antiretroviral therapy” – Agouron/Pfizer National Sales Meeting, Coronado Island, California March 12, 2003.
83. “Developing Contracts with the Pharmaceutical Industry”, Workshop on Improving Research Funding, Sponsored Programs and Research Support Office, UMKC Office of Research Administration, November 11, 2002
84. “Metabolic and morphologic complications of HIV and its therapy” – Mid-America AIDS Educational and Training Center, November 6, 2002, Milwaukee, WS.
89. “Making Sense of HIV Pharmacotherapy: Update 2001” – University Learning Systems, Kissimmee, FL (December 8, 2001); 4-hours continuing education program
91. “Pharmacoeconomics of HIV” – Academy of Continuing Education, Ft. Lauderdale, Florida (April 2001)
92. “Making Sense of HIV Pharmacotherapy” – MSHP/ISHP Annual Meeting, St. Louis, Mo (March 2001)
94. “Controversies in HIV Management: Debating the issues” – MACCP, Kansas City, Mo (June 2000)
95. “Pharmacoeconomic considerations in HIV Pharmacotherapy” Academy of Continuing Education Programs, Atlanta, Georgia (May 2000)
96. “Update in HIV Pharmacotherapy” Academy of Managed Care Pharmacy Annual Meeting, Phoenix, AZ (March 2000)
97. “Update on HIV Pharmacotherapy” – UMKC School of Medicine, Kansas City, Mo (November 1999)
98. “Finding Waldo: Selecting optimal therapy for HIV infected persons in 1999” Academy of Managed Care Pharmacy Annual Meeting, Atlanta, Georgia (October 1999)

Mass media/provider & patient educational publications (non-peer reviewed)

Community and patient support group invited educational panels / sessions:
1. “Worth noting: HIV medicines and illicit drugs don’t mix well”, 1-hr educational seminar provided to North Central Texas Ryan White clients and planning council members, Tarrant County Health Department, Fort Worth, Texas. May 2013.
2. “What’s new in HIV medications and their management?”, 1-hr educational seminar provided to North Central Texas Ryan White clients, Wichita Falls Health Department, Wichita Falls, Texas. April 2013
3. “What’s new in HIV medications and their management?”, 1-hr educational seminar provided to North Central Texas Ryan White clients, Abilene Health Department, Abilene, Texas. March 2013
4. “Update in HIV therapeutics”, 1 hour educational seminar provided at citywide HIV Case Manager meeting, Kansas City Health Department, Kansas City, MO, December 1, 2011.
5. “HIV Medicines: 101”, 1 hour educational seminar provided to medically-indigent and minority HIV infected women (Healthy University), Kansas City, Kansas, May 2, 2011.
12. “Yes – you CAN be a pharmacist!”, Multiple presentations at local school district career day, DeSoto School District, Shawnee, Kansas, April 16, 2009.
15. “HIV research in Kansas City”, presentation to Kansas City’s Ryan White Planning Council, Kansas City Health Department, Kansas City, Missouri, June 18, 2008.
18. “Yes – you CAN be a pharmacist!”, Multiple presentations at local school district career day, DeSoto School District, Shawnee, Kansas, April 17, 2008.
20. “HIV Update for Case Managers”, 1 hour educational session to HIV case managers, Good Samaritan Project, Kansas City, Missouri, February 28, 2008.
26. “HIV Medications – why are you taking what you are taking?”, 1 hour presentation for HIV positive persons, Gregg Klice Community Center, Kansas City, Missouri, October 19, 2007.
33. New Clinic Research presentation provided to the Women of Hope group at Truman Medical Center, Kansas City, Missouri, August 16, 2006.
36. “HIV Medications – where are we in 2003?” – 1 hour educational seminar provided to Kansas City wide case manager / social worker conference, Kansas City Health Department, Kansas City, MO September 29, 2003
38. “HIV Medications – the basics” – 1 hour educational seminar provided to medically indigent and minority HIV infected women in Kansas City, MO, July 8, 2003.
39. “Managing the symptoms of hepatitis and its treatment” – Monthly educational meeting of the Patio Club (hepatitis support group that meets weekly at the Kansas City Free Health Clinic and is funded by a grant from the Centers for Disease Control), Kansas City, MO, June 2003.
40. “Hepatitis A, B and C (Oh, and HIV too): Making it simple” – Monthly educational meeting of the Patio Club (hepatitis support group that meets weekly at the Kansas City Free Health Clinic and is funded by a grant from the Centers for Disease Control), Kansas City, MO, May 2003.
41. “Hepatitis B treatment – what do we know?” - – Monthly educational meeting of the Patio Club (hepatitis support group that meets weekly at the Kansas City Free Health Clinic and is funded by a grant from the Centers for Disease Control), Kansas City, MO., April 2003.
42. “Understanding HIV medicines” – Seminar provided to counselors for Camp Kendle, a nationwide attended camp for children with HIV infection, Lincoln, NE June 6, 2002
43. “HIV University for Women: Understanding Viral Replication” – Seminar provided to HIV infected women in Kansas City, May 23, 2002
44. “Improving relationships between patients and providers” - Kansas City Veteran’s Affairs Hospital World AIDS Day patient education forum. Panelist, December 1, 2000.

**Current Professional Organizations:**

| American Association of Colleges of Pharmacy | Infectious Diseases Society of America | Society of Infectious Disease Pharmacists |
| American Pharmaceutical Association | International Association of Physicians in AIDS | Texas Pharmacy Association |
| Association of Clinical Research Professionals | Care | Tarrant County Pharmacists Association |
| HIV Medicine Association - IDSA | Phi Delta Chi Fraternity |

**Non-refereed activities:**

- **University of Buffalo – New York HIV Pharmacotherapy Network** (an electronic reference and teaching platform for healthcare professionals about HIV. It provides evidence based answers to questions posed by members of the network regarding HIV disease process, epidemiology, transmission, plasma concentrations of antiretrovirals and optimization of all medications being used in persons infected with HIV). This training site is used by major chain pharmacies to teach their community pharmacists about HIV/AIDS and is updated annually. ([http://hiv.buffalo.edu/pharmacoeconomics.shtml](http://hiv.buffalo.edu/pharmacoeconomics.shtml))

**Positively Aware:** (The Journal of Test Positive Aware Network)
This Medline referenced journal is a patient oriented magazine that has a bi-monthly publication run of over 75,000 copies plus an additional 10,000 individual subscriptions and 2,000 copies distributed at major HIV meetings in the United States and the Caribbean. Additionally, the online version of the magazine receives over 13,000 visits per month. (www.tpan.com)

2001 – 2006 Medical Advisory Board – review submitted articles for appropriateness and accuracy
2001 – 2009 Contributing author and conference reviewer – provide occasional articles on timely topics, pharmacotherapy updates and summaries of conferences. These contributions can be found via Medline.
2001 – 2003 Contributing Editor, Annual Drug Guide – solicit contributors (from an international cohort of HIV-focused pharmacists), assemble documents and edit the final draft of the preeminent patient oriented drug guide in the world
2014 Coordinator Editor, Annual Drug Guide – secured contributing editors from international cohort of AAHIVM certified pharmacists to update the annual drug guide then reviewed their submissions and worked with published to finalize guide

Society of Infectious Disease Pharmacists Task Force on HIV-Focused Pharmacists (www.sidp.org); Initiated, received Board approval, and acquired funding to develop a sub-group of this international organization that consists of those members that spend the majority of their time on HIV related issues. This group maintains active engagement of 300+ of the world’s leading HIV pharmacist-clinicians and researchers.

Community service and leisure activities
1986 – ONG Whole blood donor (every 8 weeks!)
1991 – ONG Life Member, American Legion (Veteran (11B30, E-4); Operation Desert Storm)
2000 – ONG Volunteer, various AIDS Service Organizations awareness & fund-raising activities in Kansas City & DFW metropolitan area
2004 – ONG Marathoner (8 and counting)
2013 – ONG Texas Center for Arts and Academics (501(c)3) Annual Gala committee member
Employment Experience

Acclaim Physician Group  
Physician  
Department of Obstetrics and Gynecology  
2017-Present

University of North Texas Health Science Center, Fort Worth TX  
Assistant Professor  
Faculty in the Department of Obstetrics and Gynecology  
Member, Department of Obstetrics and Gynecology Undergraduate Medical Education Committee  
2012-Present

Ballet Theatre of New Mexico, Albuquerque, NM  
Director, Children’s Division  
Developed syllabus for ballet classes of children ages 3-12, instructed teachers on how to teach them, and coordinated two productions a year.  
2004-2006

Ballet Theatre of New Mexico, Albuquerque, NM  
Teacher and Professional Ballet Dancer  
Ballet Teacher and rehearsal coach for children age 3-18 and professional company. Company member performing in 3-4 productions a year.  
2001-2006

Professional Training

John Peter Smith Hospital, Fort Worth, TX  
Obstetrics and Gynecology Residency  
2008-2012

Education

University of New Mexico School of Medicine, Albuquerque, NM  
MD  
2004-2008

Texas Christian University, Fort Worth, TX  
B.F.A. in Ballet, Magna Cum Laude  
1997-2001
Licencure and Certification

Texas State Board of Medical Examiners – License #N3572  
Board Certified-American Board of Obstetrics and Gynecology  

Honors and Awards

Mom-Approved Ob/Gyn  
Fort Worth Child Magazine, Fort Worth, TX  

Provider of the Month  
Labor and Delivery, Texas Health Fort Worth Harris Hospital, Fort, Worth, TX  

Service Excellence WOW Award  
UNTHealth, Fort Worth, TX  

Outstanding Obstetrics and Gynecology Resident Award  
Department of Obstetrics and Gynecology  
University of North Texas Health Sciences Center, Fort Worth, TX  

Outstanding Resident in Obstetrics and Gynecology  
Southwestern Gynecologic Assembly, Dallas, TX  

Western Society for Pediatric Research Subspecialty Award for Abstract  
Titled “Witnessing intimate partner violence as a child does not increase the likelihood of becoming an adult intimate partner violence victim.”  
Western Student Medical Research Forum, Carmel, CA.  

Publications

- Poster presentation at 64th Annual Clinical and Scientific Meeting of the American College of Obstetricians and Gynecologists  

- Presented at 50th Annual NM Academy of Family Physicians Family Medicine Seminar 7/2007  
- Research presented at Western Student Medical Research Forum 2007  
- Research presented at Society of Academic Emergency Medicine Annual Meeting 2006

Research Activities

Adverse Outcomes from vaginal delivery during immersion in water versus traditional vaginal delivery-2014-2016

Experiences, Practices, Attitudes, and barriers related to Intimate partner violence (IPV) Screening Among Obstetrician and Gynecologist Physicians and Residents-A survey of practicing obstetricians and gynecologists in the state of Texas-2012

Pitocin Usage at a County Hospital-based Residency Training Program- A Retrospective Chart Review-2010

A Study of the Maternal and Perinatal Outcomes Associated with a Trial of Labor after a Prior Cesarean Section at a County Hospital-based Residency Training Program- A Retrospective Chart Review-2009

Activities and Professional Memberships

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
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<tbody>
<tr>
<td>Fellow, American College of Obstetricians and Gynecologists</td>
<td>2008-Present</td>
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<tr>
<td>-Program Representative to ACOG District XI</td>
<td>2010-2012</td>
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<tr>
<td>-ACOG Resident Reporter to the 59th Annual Clinical Meeting</td>
<td>May 2011</td>
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<tr>
<td>Member, American Medical Association</td>
<td>2004-Present</td>
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<tr>
<td>-TMA Committee on Reproductive, Women's and Perinatal Health, Chair</td>
<td>2016-Present</td>
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<tr>
<td>-TMA Committee on Maternal and Perinatal Health, Vice Chair</td>
<td>2014-2016</td>
</tr>
<tr>
<td>-TMA Committee on Reproductive, Women’s and Perinatal Health</td>
<td>2013-Present</td>
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<tr>
<td>-Regional Delegate, AMA House of Delegates</td>
<td>2006</td>
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<tr>
<td>-Delegate, AMA-Medical Student Section House of Delegates</td>
<td>2005</td>
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<tr>
<td>-Delegate, New Mexico Medical Society House of Delegates</td>
<td>2005</td>
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<tr>
<td>-Student Board Member, New Mexico Medical Foundation</td>
<td>2005-2006</td>
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<tr>
<td>Member, Ob/Gyn Quality Review Committee, Texas Health Harris Methodist Hospital Fort Worth</td>
<td>2016-Present</td>
</tr>
</tbody>
</table>
Member, UNTHSC Academy of Medical Educators 2016-Present
Advisor, UNTHSC Advisory College 2016-Present
Member, Texas Legislature's Task Force on Domestic Violence 2014-2016
Member, Tarrant County Fetal Infant Mortality Review-Community Review Team 2013-Present
Member, Residency Clinical Competency Committee, Obstetrics and Gynecology Residency Program, John Peter Smith Hospital 2014-Present
Member, Credentials Committee, University of North Texas Health Sciences Center 2014-2016
Member, Interconception Care Advisory Committee, University of North Texas Health Sciences Center 2012-2014
Member, Biomedical Ethics Committee University of New Mexico Hospital 2006-2008

Presentations

*Initial Pregnancy Assessment and Management*
Second Year Medical Student Didactics, UNTHSC, 2017

*Ob/Gyn clerkship didactics*
UNTSC, 2016-Present

*Postpartum Depression*
2016 Primary Care Summit, UNTHC 2016

*Teen Pregnancy*
Women’s Health Week, UNTSC 2016

*How to prevent, “I’m pregnant, so now what?” Use of reproductive life plans in practice*
14th Annual Infant Health Summit, Hurst, TX 2015

*Adolescent Gynecology*
26th Annual Pelham P. Staples Symposium, Arlington, TX 2014

*Documentation*
Resident Didactics, John Peter Smith Hospital, 2014, 2015, 2016

*Breast Disease: What the Gynecologist should know*
Harris Methodist Fort Worth, Grand Rounds 2013

*Postpartum depression*
Tarrant County WIC staff training, 2013

*Long-Acting Reversible Contraception*
25th Annual Pelham P. Staples Symposium, Arlington, TX 2013
Harris Methodist Fort Worth, Grand Rounds 2013

*Family Planning*
Third Year Medical Student Clerkship Didactics, UNTHSC 2013-2016
Termination of Pregnancy, Endometrial Biopsy, Wet Prep, LARC
Fourth Year Medical Student Boot Camp Didactic, UNTHSC 2013-Present

Intimate Partner Violence and Sexual Assault
Third Year Medical Student Clerkship Didactics, UNTHSC 2012-2016

Intimate Partner Violence and Sexual Coercion
Resident Didactics, John Peter Smith Hospital, 2012

Experiences, Practices, Attitudes, and barriers related to Intimate partner violence (IPV)
Screening Among Obstetrician and Gynecologist Physicians and Residents
Resident Research Day, John Peter Smith Hospital, 2012
UNTHSC RAD, Poster presentation, 2012

Management of Miscarriage
Resident Didactics, John Peter Smith Hospital 2011

The Breast
Resident Didactics, John Peter Smith Hospital 2011

Fetal Health and Assessment
Resident Didactics, John Peter Smith Hospital 2010

Obstetrical Case Presentation
Harris Methodist Fort Worth, Grand Rounds, 2010

Case Report: Postoperative Bleeding
Harris Methodist Fort Worth, Grand Rounds, 2010

Cervical Ripening
Resident Didactics, John Peter Smith Hospital, 2010

A Chart Review of Pitocin Usage at a County Hospital-based Residency Training Program
Resident Research Day, John Peter Smith Hospital, 2010

A Study of the Maternal and Perinatal Outcomes Associated with a Trial of Labor after a Prior Cesarean Section at a County Hospital-based Residency Training Program- A Retrospective Chart Review 2008
Resident Research Day, John Peter Smith Hospital, 2009

Case Report: Complete Hydatidiform Mole with Co-existing Live Fetus
Resident Didactics, John Peter Smith Hospital, 2008

Vaginal Birth After Cesarean Section
Resident Didactics, John Peter Smith Hospital, 2008
COURTNEY CRAWFORD, MD, FACS
CURRICULUM VITAE
2017

PERSONAL DATA:

Courtney Maurice Crawford, M.D.
Vitreoretinal Surgeon
North Texas Retina Consultants
101 Chuckwagon Trail
Willow Park, TX 76087

Home Address:
10808 Hawkins Home Blvd
Benbrook, TX 76126
courtneymcrawford@gmail.com
(202) 431-7766

EDUCATION:

UNDERGRADUATE: Washington University in St. Louis
Major(s): Biology, Spanish, May 2000

GRADUATE: U.S. Fulbright Fellowship
Panama City, Panama, 2000-2001

MEDICAL SCHOOL: Michigan State University
College of Human Medicine
Doctor of Medicine, August 2005

PROFESSIONAL TRAINING:
RESIDENCY: Ophthalmology, Madigan Army Medical Center, July 2008-June 2011
INTERNSHIP: Transitional Intern, Madigan Army Medical Center, July 2005-June 2006

LICENSE AND SPECIALTY BOARD:
BOARD CERTIFICATION: American Board of Ophthalmology, November 2012
STATE LICENSE: Texas #51239

ACADEMIC POSITIONS:
Board Examiner, American Board of Ophthalmology
Assistant Professor of Surgery, F. Edward Hebert School of Medicine, USUHS
Community Faculty, Vanderbilt School of Medicine, Vanderbilt Eye Institute
COURTNEY CRAWFORD, MD, FACS

EMPLOYMENT HISTORY:
August 2016-Present  Associate, North Texas Retina Consultants
July 2014-June 2016  Fellow, Vitreoretinal Surgery, Tufts/OCB
January 2012-June 2014  Chief, Ophthalmology, Blanchfield Army Hospital
August 2011-December 2011  Chief, Refractive Surgery, Blanchfield Army Hospital
July 2010-June 2011  Chief Resident, Madigan Army Medical Center
July 2008-June 2010  Resident, Madigan Army Medical Center
August 2006-June 2008  Chief, Physical Exams, Pentagon Health Clinic
July 2005-June 2006  Intern, Madigan Army Medical Center

HONORS AND RECOGNITION:
2017 ASRS Education Committee member
2016 Examiner, American Board of Ophthalmology
2014 Meritorious Service Medal (9 years Active Duty service, rank of Major)
2014 America’s Top Ophthalmologist: Consumers’ Research Council of America
2014 Who’s Who in America: Marquis, accepted for year 2015
2013 Fellow, American College of Surgeons
2012 Diplomat, American Board of Ophthalmology
2011 Army Commendation Medal with two oak leaf clusters
2008 Army Commendation Medal with two oak leaf clusters
2008 White House Social Aide, Washington, DC
2005 W. Donald Weston Award for Academic Excellence
2005 Class Keynote Speaker, White Coat Ceremony, Michigan State University
2004 Flint Hospital’s Staff Award for Community Leadership
2004 N. Kagan Scholarship for Doctor-Patient Relationship
2002 President, Student National Medical Association, MSU chapter
2002 National Board of Directors, Student National Medical Association
2001 Health Professions Scholarship Recipient (U.S. Army)
2000 Student Commencement Speaker, Washington University in St. Louis
1999 Mellon Undergraduate Research Fellowship, Washington University in St. Louis
1997 John B. Ervin Full-Tuition Scholarship, Washington University in St. Louis

CONSULTANT
Angiogenesis Foundation, Consultant

Editorial Board
Editorial Board Member, Journal of Clinical Research and Ophthalmology
Editorial Board Member, The Scientific Pages of Ophthalmology
Editorial Board Member, SM Journal of Case Reports
Editorial Board Member, Journal of Ophthalmic Diseases
Editorial Board Member, Austin Ophthalmology

COURTNEY CRAWFORD, MD, FACS

PROFESSIONAL SOCIETIES:
American College of Surgeons (FACS)
American Board of Ophthalmology
American Society of Retinal Specialists
American Academy of Ophthalmology
Foundation Fighting Blindness

PUBLICATIONS:


Clinical Retinopathy Using Optical Coherence Tomography Angiography. Retina November 2015

COURTNEY CRAWFORD, MD, FACS


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RESEARCH - CLINICAL TRIALS

PRO-CON VGFTe-AMD-1507- A Prospective, Single-Blind, Randomized Study to Evaluate Intravitreal Aflibercept Injection (IAI) versus Sham as PROphylaxis against CONversion to Neovascular Age-Related Macular Degeneration (AMD) in High-Risk Eyes (PRO-CON)

FILLY - POT-CP121614- A Phase II, Multicenter, Randomized, Single-Masked, Sham-Controlled Study of Safety, Tolerability and Evidence of Activity of Intravitreal APL-2 Therapy in Patients Geographic Atrophy (GA)

CAPELLA - R2176-3-AMD-1417- A Phase 2, Double-Masked, Randomized, Controlled, Multiple-Dose, Regimen-Ranging Study of the Efficacy and Safety of Intravitreal REGN2176-3 in Patients with Neovascular Age-Related Macular Degeneration

VIDI 8232-CL-3001- A Phase 2, Double-Masked, Randomized, Active Controlled Study to Evaluate the Efficacy and Safety of ASP8232 in Reducing Central Retinal Thickness in Subjects with Diabetic Macular Edema

OPH1004 - A Phase 3, Randomized, Double-Masked, Controlled Trial to Establish the Safety and Efficacy of Intravitreous Administration of Fovista® (anti PDGF-B Pegylated Aptamer) Administered in Combination with either Avastin® or Eylea® compared to Avastin® or Eylea® monotherapy in subjects with subfoveal neovascular age-related macular degeneration

OPH1005 - Sub-Retinal Fibrosis in Neovascular AMD: A 24 Month Phase 2a Open Label Safety Study of Fovista™ (Anti-PDGF-BB pegylated aptamer) Regimen administered independently or in combination with anti-VEGF Therapy (AVASTIN®, or EYLEA®) During the Induction and Maintenance Phases of Therapy

OPH1006 - Effect of Anti-VEGF Agents Administered on a Quarterly Maintenance Regimen in Neovascular AMD Subjects Receiving Anti-PDGF Therapy: An 18 month Phase 2c Open Label, Randomized Study of Avastin®, Lucentis®, or Eylea® (anti-VEGF therapy) Administered in Combination with Fovista® (Anti-PDGF-BB pegylated aptamer) in Neovascular AMD Subjects

CHROMA GX29176 - A Phase III, Multicenter, Randomized, Double-Masked, Sham-Controlled Study To Assess The Efficacy And Safety Of Lampalizumab Administered Intravitreally To Patients With Geographic Atrophy Secondary To Age-Related Macular Degeneration
STOMP-CSC – Short-Term Oral Mifepristone for Central Serous Chorioretinopathy: A Placebo-controlled Dose Ranging Study of Mifepristone in the Treatment of CSC

COURTNEY CRAWFORD, MD, FACS

VMA-001 – A Safety and Efficacy Assessment of Resolvine® for Treatment of Vitreomacular Attachment

Principal Investigator

COURTNEY CRAWFORD, MD, FACS

OPH1002 – A Phase 3, Randomized, Double-Blinded, Controlled Trial to Establish the Safety and Efficacy of Intravitreous Administration of Fovista™ (anti PDGF-B Pegylated Aptamer) Administered in Combination with Lucentis® Compared to Lucentis® Monotherapy in Subjects with Subfoveal Neovascular Age-Related Macular Degeneration

Principal Investigator

COURTNEY CRAWFORD, MD, FACS

ORBIT - TG-MV-018 Ocirplasmin Research to Better Inform Treatment

Principal Investigator

COURTNEY CRAWFORD, MD, FACS

MAHALO EXT – A Phase Ib/II, Multicenter, Randomized, Single-Blinded, Sham Injection Controlled Study Of Safety, Tolerability And Evidence of Activity Of FCFD4514G Intravitreal Injections Administered Monthly Or Bi-Monthly To Subjects with GA

Principal Investigator

COURTNEY CRAWFORD, MD, FACS

PRESENTATIONS - INTERNATIONAL AND NATIONAL MEETINGS:


Crawford CM, Grazko MB. "Bilateral Blindness and Optic Neurits following Influenza Vaccination." Pediatric Winter Conference, Madigan Army Medical Center, Tacoma, WA. February 14, 2010.


Crawford CM, Mendoza E. Hospital Quality Analysis of Panama and Cuba: Through the Patients’ Eyes, Panamanian vs. Cuban Patients. Presentation for the Fulbright Fellowship Thesis Symposium at the U.S. Embassy of Panama, Ministry of Health of Panama and University of Panama Medical School, Panama City, Panama. May 15-17, 2001.

Crawford CM, Mendoza E. Malaria Epidemic in Panama: Rapid Malaria Testing in Rural
Panama. Podium Presentation for the University of Panama Medical School Research Conference, Panama City, Panama. December 12, 2000.

CERTIFICATIONS:
Phakic IOL/Visian ICL Certification
IntraLase FS LASIK Certification
Wavelight Allegretto Excimer Laser Certification

SURGICAL EYE MISSIONS:
Accra, Ghana, April 2016
Choluteca, Honduras, May 2014
Tanzania, Africa, February 2012
Malawi, Africa, May 2011
Santo Domingo, Dominican Republic, July 2010

HOBBIES/INTERESTS:
Family Time (wife & 2 daughters), Spanish Speaker (fluent), Violinist, Vocal Performer, Public Speaker, College Varsity Ice Hockey, Golf
Chase Crossno  
ccrossno@bu.edu | (512) 809-9325

PROFESSIONAL PROFILE

Artist and public health professional, passionate about engaging individuals and communities in challenging conversations to promote self-efficacy, positive social engagement and collective cultural consciousness.

Extensive work experience in facilitation, training, and public speaking skills.

SKILLS & SPECIALTIES

- Monitoring & evaluation
- Program design & implementation
- Curriculum development
- Public Speaking
- Facilitation
- Focus Groups
- Logic Models
- Community Outreach
- Theatre & Performance
- Intersectionality
- Social justice
- Science communication

EDUCATION

Master of Public Health
Concentration in Global Health, emphasis area in Sex, Sexuality, Gender & Health
Boston University | Boston, MA  
Recipient of the John Snow, Inc. Award in Global Health

Bachelor of Arts in Anthropology & Bachelor of Arts in Theatre & Dance
The University of Texas at Austin | Austin, TX  
magna cum laude

PROFESSIONAL EXPERIENCE

Communication Training Consultant  
January 2017 – Present
Boston University – Clinical & Translational Science Institute | Boston, MA

- Plan, organize, conduct and evaluate trainings for clinical researchers, physicians and administrators to support the development of communication about research that is relevant and meaningful to the community.
- Analyze evaluation data and summarize training experiences to support academic.

Learning & Development Manager  
January 2017 – Present
Boston University – School of Public Health | Boston, MA

- Conducting needs assessments and provide consultation on translation initiatives that support the effective transmission of research and scholarship.
- Support organizational and team effectiveness, faculty and staff development, and a culture of diversity and inclusion.
- Provide coaching and guidance to faculty and staff on translation initiatives, lifelong learning, diversity and inclusion, and science communication.

Program Manager of Graduate Student Life  
November 2013 – January 2017
Boston University – School of Public Health | Boston, MA

- Coordinate and collaborate with internal University and School departments and external community partners to enhance and develop diversity and inclusion initiatives at the School.
- Cultivate and maintain positive relationships with University resources including Health Services, Student Financial Services, ISSO, TransComm and Public Safety to provide students access to University information.
- Implement an annual community outreach plan with external community leaders and organizations to plan, create, and execute outreach program activities.

Graduate Teaching Assistant  
September 2014 – May 2016
Boston University – School of Public Health | Boston, MA

- Assist instructors with all aspects of course management. Courses include: Gender, Sexuality, Power & Inequity; The Global Impact of AIDS; and Leading to Face Challenges and Achieve Results in Public Health
Chase Crossno  
crossno@bu.edu  | (512) 809-9325

Peer Educator  
August 2014 – May 2015  
Boston University – Sexual Assault Response & Prevention Center  |  Boston, MA

- Facilitate bystander intervention training program to student leaders and athletes at Boston University.

Student Services Coordinator  
August 2012 – November 2013  
Boston University – Distance Education  |  Boston, MA

- Provided training for instructors and students on how to use features of our online learning management system, as well as provides guidance on ways to effectively communicate via online interface.
- Collaborated with the Registrar, Financial Aid, and other BU Departments to provide administrative support for distance education students and staff.
- Promoted from Administrative Coordinator after one year.

AIDS SERVICES OF AUSTIN  |  Austin, TX
Prevention Services & Testing Coordinator  
April 2011 – June 2012

- Supervised and trained Testing and Linkage to Care staff.
- Directed on- and off-site HIV testing events in collaboration with community partners to strengthen relationships and engage stakeholders.
- Developed policies and procedures for ASA’s Testing and Linkage to Care program resulting in the effective delivery of HIV testing in non-traditional locations, such as bars, adult viewing rooms, and bathhouses.

HIV Prevention Program Specialist  
February 2010 – April 2011

- Implemented HIV/AIDS and STI prevention outreach strategies using evidence-based interventions and harm reduction materials within high-risk populations.
- Conducted educational and training workshops and presentations.
- Provided comprehensive HIV testing and counseling services.

Reproductive Health Specialist  
February 2008 – December 2008  
Planned Parenthood  |  Austin, TX

- Counseled clients about a wide variety of reproductive health concerns and assisted in the provision of sexual and reproductive health care.

INTERNATIONAL EXPERIENCE

HIV/STI Educator  
January 2009 – May 2009  
New Start: Namibia  |  Oshikango, Namibia

- Conceptualized and produced public health education programs within the local community using my background in theatre and arts to enhance audience engagement.

Fundraiser,  
January 2009 – May 2009  
Tate Tuukata (Orphans & Vulnerable Children)  |  Oshikango, Namibia

- Raised and managed funds for projects supporting orphans and vulnerable children in Oshikango and surrounding villages; and advocated community support for this organization through public outreach programs.

Volunteer Teacher,  
December 2006 – December 2007  
Worldteach  |  Odibo, Namibia

- Provided HIV/AIDS education and taught high school level Physics, Chemistry, and Biology in addition to developing various extracurricular activities for students – including a women’s yoga group, an arts society, and coaching a soccer team.

OTHER RELEVANT INTERESTS AND EXPERIENCE

Co-founder of Paper Chairs Theatre Co. in Austin, TX; Advisor to ArtsLAB @ MED Campus at Boston University; Advisor to the Harvard School of Education Diversity & Inclusion Theatre Project; trained in science communication by the Alan Alda Center for Communicating Science.
1. NAME: Marlyn (Lyn) Dart

2. EDUCATIONAL BACKGROUND AFTER HIGH SCHOOL:
   
   2001  Texas Woman's University  PhD
   Major: Nutrition

   1994  Texas Woman's University  MS
   Major: Nutrition

   1980  Texas Woman's University  BS
   Major: Clinical Dietetics

3. FORMAL CONTINUING EDUCATION ASSOCIATED WITH PROFESSIONAL DEVELOPMENT:

   A minimum of 75 hours of continuing education (approved by the American Dietetic Association) is required each five-year period to maintain status as a Registered Dietitian, and a minimum of 12 hours is required for each two-year period to maintain status as a Licensed Dietitian (see #5). Continuing education hours have been acquired through (1) development of curricular / instructional materials; (2) attendance at meetings / workshops at local, state, and national professional organizations; (3) oral and exhibit presentations at local, state, and national professional meetings; and (4) research related to publication of peer-reviewed articles in professional journals. (See following categories for professional development and continuing education).

4. PROFESSIONAL LICENSURE:

   Registered Dietitian (RD): Number R-571321, since 1980
   Licensed Dietitian (LD) in the State of Texas: Number DT06984, since 1982

5. PRESENT RANK: Associate Professor

6. YEAR OF APPOINTMENT TO THE UNIVERSITY, AND RANK:

   2001  Lecturer
   2002  Assistant Professor
   2008  Associate Professor

7. YEAR OF LAST PROMOTION: 2008

8. PREVIOUS TEACHING AND/OR RESEARCH APPOINTMENTS, OTHER THAN AT TCU:

   2000-2001  Graduate Research and Teaching Assistant
              Department of Nutrition and Food Sciences
              Texas Woman’s University, Denton, Texas

   Responsibilities included developing an animal model, research design, quality control of animal lab, training doctoral and master’s level students for animal research, technical and analytical procedures, and statistical analysis of data. Technical and laboratory applications included reproductive cytology, radioimmunoassay (RIA) and enzyme assay
(ELISA) techniques, radioisotope tracer methodology, absorption spectrophotometry, and dual energy x-ray absorptiometry (DXA).

DFW Associates, Grapevine, Texas

Responsibilities included developing protocol for research design, immunologic screening and nutritional assessment, computerized diet analysis and compiling statistical data, teaching weekly family sessions and nutrition counseling for children diagnosed with Autism.

1980-1982  **Clinical Dietitian**
Environmental Health Center, Dallas, Texas

Responsibilities included teaching nutrition and dietary concepts for environmentally compromised and allergic populations/individuals, training personnel for assessing and consulting the environmentally exposed and allergic patient, and developing educational materials and handouts.

9. **PREVIOUS PROFESSIONAL POSITIONS (OTHER THAN THOSE LISTED IN 9):**

1986-1994  **Nutrition Consultant – Private Practice**
Coppell, Texas

Full and part-time consulting services for local physicians, including Family Practice, and Allergy and Immune Dysfunction. Consultation profiles included maternal and infant nutrition, hypertension and cardiovascular disease, digestive disorders, hypoglycemia and diabetes, immune-compromised disorders, and pediatric development disorders.

1984-1986  **Director of Operations**
*Espirit de Cure*, Dallas, Texas

Responsibilities included management of retail and wholesale business activities to provide professional services and environmental support products for patient population and general public. Professional services included nutrition consultation and a licensed pharmacy specializing in hypoallergenic compounding. Experience included developing and implementing business objectives, coordinating professional and non-professional staff, and public education.

1982-1984  **Director – Nutrition Department**
Environmental Health Center
Dallas, Texas

Department objectives included patient care and nutrition education. Experience included developing and coordinating department goals, protocol/guidelines, and educational materials; nutrition consultation and education for out-patient clinic and in-patient hospital unit; recruitment and training of Registered and Licensed Dietitians; and supervision of marketing hypoallergenic and chemical-free support products.
10. EXTERNAL GRANTS SOUGHT:

Diabetes Screening and Management. 2017 Health Initiative - Healthy Aging and Independent Living Grant. Submitted to The United Way of Tarrant County, Spring 2016: $206,000. Meals on Wheels, Inc. of Tarrant County, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant and Dietetics Student Supervisor) (Funded).

Diabetes Screening and Management. 2016 Health Initiative - Healthy Aging and Independent Living Grant. Submitted to The United Way of Tarrant County, Spring 2015: $215,000. Meals on Wheels, Inc. of Tarrant County, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant and Dietetics Student Supervisor) (Funded).

Diabetes Screening and Management. 2015 Health Initiative - Healthy Aging and Independent Living Grant. Submitted to The United Way of Tarrant County, Spring 2015: $215,000. Meals on Wheels, Inc. of Tarrant County, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant and Dietetics Student Supervisor) (Funded).

Workforce Enhancement in Healthy Aging and Independent Living (WE HAIL). Submitted to the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), Spring 2015: $850,000 annually ($2,550,000 July 1, 2015-June 30, 2018). University of North Texas Health Science Center (UNTHSC), Tarrant County Hospital District doing business as JPS Health Network (JPS), the United Way of Metropolitan Tarrant County Area Agency on Aging (AAATC) and Texas Christian University (Harris College of Nursing and Health Sciences and College of Science and Engineering, Department of Nutritional Sciences). Lyn Dart PhD RD LD (Role: Nutrition and Dietetics Consultant and Student Supervisor). (Funded).

Diabetes Screening and Management. 2014 Health Initiative - Healthy Aging and Independent Living Grant. Submitted to The United Way of Tarrant County, Spring 2014: $215,000. Meals on Wheels, Inc. of Tarrant County, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant and Dietetics Student Supervisor) (Funded).

Diabetes Screening and Intervention. 2013 Health Initiative - Healthy Aging and Independent Living Grant. Submitted to The United Way of Tarrant County, Spring 2013: $215,000. Meals on Wheels, Inc. of Tarrant County, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant and Dietetics Student Supervisor) (Funded).

Reynolds Interprofessional Geriatrics Education and Training in Texas (IGET-IT) Program. Submitted to Donald W. Reynolds Foundation for the NEXT STEPS II program, $999,857.00 funded July 1, 2013 – June 30, 2017. The University of North Texas health Science Center (UNTHSC), Texas College of Osteopathic Medicine (TCOM), UNT System College of Pharmacy, UNTHSC School of Health Professions and Texas Christian University’s Harris College of Nursing and Health Sciences and College of Science and Engineering, Department of Nutritional Sciences. Lyn Dart PhD RD LD (Role: Faculty and Dietetics Consultant and Student Supervisor). (Funded).

Diabetes Screening and Intervention. 2012 Health Initiative - Healthy Aging and Independent Living Grant. Submitted to The United Way of Tarrant County, Spring 2012: $200,000. Meals on Wheels, Inc. of Tarrant County, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant and Dietetics Student Supervisor) (Funded).

Improving Healthy Food Access: Community Action to Prevent Childhood Obesity. Agriculture
and Food Research Initiative Competitive Grants Program: Childhood Obesity Prevention Challenge Area. Submitted to the U.S. Department of Agriculture and National Institute of Food and Agriculture, Spring 2011: $250,311. Lyn Dart PhD RD LD, Role: TCU Principal Investigator, David Aftandilian PhD, TCU co-Principal Investigator. Grant collaboration with UNT Health Science Center, Texas Prevention Institute. (Not Funded).

Diabetes Screening and Intervention. 2011 Health Initiative - Healthy Aging and Independent Living Grant. Submitted to The United Way of Tarrant County, Spring 2011: $150,000. Meals on Wheels, Inc. of Tarrant County, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant and Dietetics Student Supervisor). (Funded).


Diabetes Screening and Intervention. 2010 Health Initiative - Healthy Aging and Independent Living Grant. Submitted to The United Way of Tarrant County, Spring 2010: $50,000. Meals on Wheels, Inc. of Tarrant County, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant and Dietetics Student Supervisor). (Funded).

Helping Children Eat Healthier in the Communities That We Call Home. 2010 Dannon Next Generation Nutrition Grant. Submitted to The Dannon Company, Inc. Spring 2010: $30,000. Tarrant Area Food Bank, Lyn Dart PhD RD LD (Role: Nutrition Program Consultant). (Funded).


Developing a Children’s Learning and Demonstration Garden. Submitted to the National Gardening Association, Healthy Sprouts Awards – Supporting Awareness of Nutrition and Hunger, October 2008: $2,000. Lyn Dart, PhD, RD, LD (Role: Co-Investigator); Pat Higgins, Texas Master Gardener (Principal Investigator). (Not Funded).


Healthy Weigh /El Camino Saludable - Obesity Prevention and Intervention – Phase 2.
United Way of Metropolitan Tarrant County, March 2004, $55,036. Pamela Frable ND RN, Principal Investigator, Lyn Dart PhD, RD, LD, Role: Co-Principal Investigator. (Funded, 2004)


The Relationship Between Lifestyle Practices, Food Choices and the Prevalence of Obesity in Adult Male and Female Emirati. Zayed University (Abu Dhabi, United Arab Emirates), January, 2003, $25,000. Anna Mudukuti, PhD, Principal Investigator; Lyn Dart, PhD, RD, LD, Role: Research Consultant and Dietitian. (Not Funded)

Healthy Weigh /El Camino Saludable - Obesity Prevention and Intervention – Phase 1.
United Way of Metropolitan Tarrant County, March 2003, $73,380.76. Pat Bradley, DNS RN, Principal Investigator, Pamela Frable ND RN, Co-Principal Investigator, Lyn Dart PhD, RD, LD, Role: Co-Investigator. (Funded, 2003)


11. INTERNAL GRANTS SOUGHT:


Gardening Initiative Addresses Community Food Security. TCU Center for Community Involvement and Service Learning, Service Learning Course Development Grant, October 2011-2012: $1,000. Lyn Dart, PhD, RD, LD, Role: Principal Investigator (Funded, 2011).

TAFB Garden Program: Como Community Involvement & Service Learning. TCU Center for Community Involvement and Service Learning, Service Learning Course Development Grant, October 2010-2011: $1,000. Lyn Dart, PhD, RD, LD, Role: Principal Investigator (Funded, 2010).


Tarrant Area Food Bank: Sustainable Food Systems for Partner Agencies. TCU Center for Community Involvement and Service Learning, Service Learning Course Development Grant, October 2009-2010: $1,000. Lyn Dart, PhD, RD, LD, Role: Principal Investigator; Pamela Frable, ND, RN; Co-Investigator. (Funded, 2009).

Developing a Children’s Learning and Demonstration Garden. TCU Green Campus Grant,
October, 2008: $1,000; TCU Center for Community Involvement and Service Learning, October, 2008: $1,000. Lyn Dart, PhD RD LD, Role: Principal Investigator (Nutritional Sciences); Pamela Frable, ND, RN (Harris College of Nursing and Health Sciences). ($2,000 Funded, 2008-2009).

The Educated Citizen and Public Health Undergraduate Initiative: Undergraduate Curriculum Development Institute. TCU Instructional Development Fund, March, 2008: $3,600. Pamela Frable, ND, RN. (Harris College of Nursing and Health Sciences); Lyn Dart PhD, RD, LD (Role: Dietetics Consultant); Donald Jackson JD, PhD; James Riddlesperger, PhD; Linda Martin RN, MSN, C-FNP. (Funded, Spring 2008).

The Educated Citizen and Public Health Undergraduate Initiative. TCU Pathways for Transformations Grant - White Paper, February 2008: $25,000. Pamela Frable, ND, RN. (Harris College of Nursing and Health Sciences); Lyn Dart PhD, RD, LD (Role: Dietetics Consultant, Nutritional Sciences); Donald Jackson JD, PhD (Director of the Center for Civic Literacy); James Riddlesperger, PhD (Political Sciences); Linda Martin RN, MSN, C-FNP (Harris College of Nursing and Health Sciences). (Not Funded).

Tarrant County Resource Connection Demonstration Community Garden & Outreach. TCU Center for Service Learning, Service Learning Course Development Grant, November 2007: $1,000. Lyn Dart, PhD, RD, LD, Role: Principal Investigator; Pamela Frable, ND, RN. (Funded, 2008).

Tarrant County Resource Connection Demonstration Community Garden & Family Outreach. TCU Center for Service Learning, Service Learning Course Development Grant, November 2007: $1,000. Pamela Frable, ND, RN.; Lyn Dart, PhD, RD, LD, Role: Principal Investigator (Funded, 2008).


Community Gardening for Active Citizenship. TCU Civic Literacy Center Collaborative Community-Based Grant, December 2006: $5,000. Lyn Dart, PhD, RD, LD; Role: Co-Investigator; Pamela Frable, ND, RN; Judy Ketchum, Director of Resource Connection. (Funded, 2007).

Community Gardening for Active Citizenship: Evaluation by Journey Mapping. TCU Center for Service Learning, Service Learning Course Development Grant, December 2006: $1,000. Lyn Dart, PhD, RD, LD; Role: Co-Investigator; Pamela Frable, ND, RN. (Funded, 2007).


Nursing, Nutrition, and Health Systems: The Chilean Experience. Submitted to TCU Instructional Development Fund March, 2005: $3,000. Patricia Newcomb, PhD, RN, CPNP; Pamela Frable, ND, RN; Lyn Dart PhD, RD, LD, Role: Co-Investigator. (Funded, 2005).
12. GRADUATE THESES (RECITALS) AND DISSERTATIONS DIRECTED:

Bouza, B., 2013-2015, *Impact of Menu Labeling on Food Choices in Hispanic Adults*. TCU Thesis Committee: Dr. Meena Shah, Kinesiology; Dr. Joel Mitchell, Kinesiology; Dr. Melody Phillips, Kinesiology; Dr. Lyn Dart, Nutritional Sciences.

Franklin, B., 2013-2015, *The Effect of a High-Monounsaturated Fat Versus a High-Protein Meal on Postprandial Glucagon-Like Peptide-1 and Hormones that Control Blood Glucose Responses in Patients with Type-2 Diabetes or Pre-Diabetes*. TCU Thesis Committee: Dr. Meena Shah, Kinesiology; Dr. Joel Mitchell, Kinesiology; Dr. Melody Phillips, Kinesiology; Dr. Lyn Dart, Nutritional Sciences.

Crisp, K. *The Effect of Eating Speed on Gut Appetite Hormone Production and Prospective Food Consumption*. TCU Department of Kinesiology, 2013-2014. TCU Thesis Committee: Meena Shah, PhD (Kinesiology); Joel Mitchell, PhD. (Kinesiology); Melody Phillips, PhD. (Kinesiology); Lyn Dart, PhD RD LD (Nutritional Sciences).

James, A. *The Effect of Nutrition Knowledge on Fast-Food Menu Selection and Ad-libitum Energy Intake in Normal and Overweight/Obese Individuals*. TCU Department of Kinesiology, Fall 2011-Spring 2012; TCU Thesis Committee: Meena Shah, PhD (Kinesiology); Joel Mitchell, PhD. (Kinesiology); Lyn Dart, PhD RD LD (Nutritional Sciences).

Copeland, J. *The Effect of Eating Rate on Hunger, Satiety, Desire to Eat, Thirst, Palatability, and Ad-libitum Energy Intake in Normal Weight and Overweight or Obese Individuals: A Randomized Cross-Over Study*. TCU Department of Kinesiology, Spring 2011. TCU Thesis Committee: Meena Shah PhD (Kinesiology), Deborah Rhea, Ed.D. (Kinesiology), Lyn Dart PhD RD LD (Nutritional Sciences).

13. UNDERGRADUATE RESEARCH DIRECTED (see presented student research: Papers presented, participation on panels, etc., at scholarly meetings):

2016-2017
- *The effect of nutrition education and sensory evaluation on preferences of peanut butter alternatives among college-age students*. G. Carr and C. Galbreath
- *Female Menstrual Cycle and Chocolate Cravings in College-aged Health Professions Women*. A. Schwartz and M. Knudsen

2015-2016
- *Culinary Medicine and a Multisite Longitudinal Study: Cooking for Health Optimization with Patients (CHOP)*. N. Bell, E. Schiesler, N. Sisk. (Sisk, Honors Research)

2014-2015
- *TCU Student’s General Knowledge of Gluten and How Gluten Affects the Acceptability of a Food Product*, R. Murrell, K. Meieresonne
- TCU Foodies, J. Arnold, L. Riquelme

2013-2014
- Estimation of Plate Waste Among Third-Grade Students at W.A Porter Elementary and Birdville Elementary School, R. Bacopulos, C. Eli
- Comparison of Bagel Serving Size form Casual Dining Restaurants in Tarrant County Compared to USDA Recommended Serving Size, A. Knight, A. Speers
- Preferences for Total and Saturated Fat and Calorie-Modified Snack Bar Recipes Among Male and Female College Students, D. Sisto, T. Winsett
- Taste Buds: Sensory Evaluation of Vegan Cupcake, G. McBay

2011-2013
- Predictors of Food Label Use Among TCU College Students, N. Toomey
- Physical and Academic Performance and Healthy Living Practices Among ROTC Cadets, I. Dunn
- College Student’s Knowledge About the Health Benefits of Fruits and Vegetables, C. Boes, C. Couper
- Prevalence of Anemia in a Sample Population of Female College Students, S. Scherer
- Preseason Workout Among Swimmers and Risk of Dehydration, T. Ramirez, Zrinka Korac.
- Customer Satisfaction and Opinion of New Cafeteria Serving Line at Shannon Learning Center, M. Armstrong.
- Depression and its Effect on Behavior Change in Meals On Wheel Clients, L. Ronning, C. Wilfley.
- The Effects of Ingredient Knowledge on Predetermined Opinions of Taste Regarding Baking Ingredients. C. Rowel
- Caffeine Consumption Among College Students, A. Traylor, S. Summers.
- Comparative Analysis Increases Brewery Profits, N. Adams, M. Laws

2010-2011
- Diabetes Screening Among Congregate Meal Program Participants, B. Knight, E. Plummer.
- Analysis of Dental Health Practices and Dietary Habits Between TCU Undergraduate Athletic and Non-Athletic Students and the Effect on Dental Health Status. L. Beck, B. Iannacone
- The Effects of Stress on Appetite and Food Intake Among College Students, A. Chapa.
- Comparison of Growth Standards Among Rural Dominican Republic Children, L. Mueller.

2009-2010
- Recipe Modification Improves Nutritional Content, N. Munch-Soegaard, C. Rudd.
- The Longhorn Ironman 70.3 Triathlon Case Study. J. Becker, J. Gavia.

2008-2009
- Behavioral Challenges for Sustainable Changes in Cardiac Rehabilitation, C. Strudwick, T. Larson
- Comparison of Nutritional Status Among Urban and Rural Guatemalan Children, C. Juaquin, P. Olivares
- Enhancing Health Profession Students’ Skills in the Community, C. Munsell, B. Wascher.
2006-2008
- Nutritional Assessment of Rural Children in Chad, Africa. A. Holland
- Impact of a Campus-Wide Dining Program for Improving Healthy Menu Choices in University Students. E. Strong.
- Eating Habits and Fitness Levels of College Females. T. Fisher, B. Mincher.
- Marketing Strategies Include Food Preferences for Improving Hospital Cafeteria Sales. L. Pool, B. Romohr.
- Gender Disparities Among Elderly Acute-Care Patients. C. Strange, S. Self
- Physical Fitness and Vigorous Physical Activity Patterns of University Students. M. Davis.
- Nutritional Assessment Among Female Athletes Participating on University Soccer Team. A. Gross, C. Stevens.
- Weigh to Go! J. Gitchell, A. Hicks, K. Glidden.

2005-2006
- Factors Affecting Students’ Participation in School FoodService. L. Hominick, B. Meyer.
- Nutritional Risk and Overweight Among Independent Elderly Living in the Community. J. Stervinou.
- Marketing Strategies Include Nutrition Education to Improve Hospital Cafeteria Sales. M. Grinnan, S. Lewis.

2004-2005
- Relationships Between Grain Intake and Self-reported Diabetes Status Among Participants in the Healthy Weigh/El camino saludable Program. J. Hill.
- School-based Program for Promoting Healthy Lifestyle Practices and Obesity Prevention. A. Bowden, A. Gilley, C. Stauffer.
- Nutrient Intake of Individuals with Alzheimer’s Disease. S. Southall, R. Vest.
- Diet and Caries Prevalence in Rural Guatemalan Children. K. Kistler.

2003-2004
- Family Patterns of Dietary Intake and Body Mass Index. E. Kaszynski, S. Wooldridge.
- Caloric and Macronutrient Requirements for the Captive Cheetah. J. Key, A. Longoria.

2002-2003
- Body Composition Profiles of Overweight and Obesity in Multiethnic Elderly Females. C. Huffman, K. Li, J. Mangelsdorf, B. Willman.
2001-2002

• Nutritional Risk Assessment of Multiethnic Male and Female Participants of Senior Citizen Centers in Texas. L. Jacobs, A. Silva, S. Woodruff.

14. PRESENTATION OF SCHOLARLY AND CREATIVE ACTIVITIES:

a. Refereed publications, invitational or juried shows, critically evaluated performances, scholarly monographs:


Refereed Textbooks:


Scholarly Monographs:


b. Non-Refereed Publications:


Dart, L. A Service-Learning Gardening Initiative Enhances Students’ Public Health Practice. TCU Center for Community Involvement and Service Learning Newsletter, March 2010.

Dart, L. Children’s Demonstration Garden. TCU Community Involvement and Service Learning Profiles of Service, Fall 2009: 5.


c. **Materials or activities accepted or scheduled but not yet printed, released, or presented:**


d. **Materials under active review by external editors or referees:**


e. **Papers presented and published abstracts, participation on panels, etc., at scholarly meetings** (students names are underlined to denote faculty/student-authored presentations):

**Interprofessional Organizations & Meetings**

**2016-2017**


**Dart, L.** *Love Food, Eat Healthy & Hate Waste*. TCU FrogForum, January 12, 2017, Texas Christian University, Fort Worth, TX.


**Dart, L.** *Collaborative Partnerships*, Blue Zones Annual Summit, October 18, 2016, Fort Worth, TX

Jevas, S., Alexander, G., **Dart, L.**, Jenkins, D., Jenschke, M., Watson, J. *Enhancing Student Interprofessional Competencies Through TeamSTEPPS Training*. Interprofessional Education Collaborative Institute, May 4-6, 2016, Hyatt Dulles, Herndon, VA.
2013-2015


Dart, L. Assessing Geriatric Nutrition. Invited speaker for Student Chapter of the American Geriatrics Society Organization (SCAGS), University of North Texas Health Science Center, Fort Worth, TX; October, 23, 2014.


2011-2012

Robinson, K., **Dart, L.** *Facilitating Health Behavior Change in Seniors: Service-Learning for Dietetics Students;* American Association of Diabetes Educators Annual Meeting and Exhibition, Indianapolis, IN, August 1-4, 2012.


**2010-2011**


Marishak-Simon, S., Luce, S., Parra, M., **Dart, L.** *Making a Difference in the Community: A Service-Learning Initiative for Healthy Aging and Independent Living (HAIL).* Annual Conference Meals On Wheels Association of Texas, Hilton Hotel, Fort Worth, TX; April 13-15, 2011.

Aftandilian, D., Feille, S., Curl, N., Rudd, K., **Dart, L.** *Growing Healthier Communities through Service-Learning: Community and Learning Garden Projects in Fort Worth.* Conference on Service-Learning for Sustainability and Social Justice. TCU Center for Community Involvement and Service-Learning, Texas Christian University, Fort Worth, TX; March 31-April 1, 2011.

**Dart, L.,** Simon, S., Smith, S., Moayad, N. *Evaluating the Effectiveness of Public Health Service-Learning for Healthy Aging and Independent Living (HAIL).* Conference on Service-Learning for Sustainability and Social Justice. TCU Center for Community Involvement and Service-Learning, Texas Christian University, Fort Worth, TX; March 31-April 1, 2011.

**Dart, L.,** Hynes, M., McKinney, M., King, L., Whitworth, K., Nahoolawi, C. *Campus-Community Partnerships: A Working Model for Sustainability.* Conference on Service-Learning for Sustainability and Social Justice. TCU Center for Community Involvement and Service-Learning, Texas Christian University, Fort Worth, TX; March 31-April 1, 2011.

**2009-2010**

**Dart, L.,** Higgins, P. *Building Reciprocal Partnerships for Community Engagement.* TCU Center for Community Involvement and Service-Learning Annual Service-Learning Workshop and Poster Session, Texas Christian University, Fort Worth, TX, April 30th, 2010.


**2008-2009**

**Dart, L.,** Frable, P. *A Service-Learning Gardening Initiative Enhances Students’ Public Health*
Practice. TCU Center for Community Involvement and Service-Learning Annual Service-Learning Workshop and Poster Session, Texas Christian University, Fort Worth, TX, March 5th, 2009.

Fable, P., Dart, L. Community Gardening for Active Citizenship: Initial Report. 2008 Association for Community Health Nursing Educators Annual Meeting, Atlanta GA, June 5-7th, 2008.


2006-2007


2004-2005

Fable, P.J., A. Morris, J. Hill, P. Bradley, L. Dart. Service-learning through community-based participatory research in the Healthy Weigh/El camino saludable program. Thirty-Eighth


2001-2003


Dart, L., Hampton, S., Gorman, M.A., VanBeber, A., Ranelle, C., TCU Coordinated Program in Dietetics Students. Obesity-Related Patterns in Multiethnic Females Participating in Congregate


Texas Academy of Nutrition and Dietetics (Texas Dietetic Association) Conference & Exposition

2017


VanBeber, A., Dart, L., Stevenson, J., Clay, J., Niestrom, G., Owen, E., and Simons, M., Examination of portion sizes of regular cheese pizzas from a variety of casual restaurants in Fort Worth, TX. Texas Academy of Nutrition and Dietetics Conference & Exposition, Georgetown, TX, March 30-31, 2017


2016


Bell, N., Schiesler, E., Sisk, N., VanBeber, A., Dart, L. Culinary Medicine and a Multisite


2015

2013


2011-2012


Knight, B., Plummer, E., Dart, L. Diabetes Risk Screening Among Congregate Meal Program
Participants. Texas Dietetic Association Food and Nutrition Conference & Exposition, Houston TX, April 7-9, 2011.

Chapa, A., Dart, L. Effect of Stress on Appetite and Food Intake Among College Students. Texas Dietetic Association Food and Nutrition Conference & Exposition, Houston TX, April 7-9, 2011.

2008-2009


2006-2007


2004-2005


2002-2003


Dart, L., M.A., Gorman, S. Hampton, C. Ranelle, A. VanBeber, Coordinated Program in Dietetics Students; Department of Nutritional Sciences, Texas Christian University, Fort Worth, TX. Nutritional Assessment of Senior Citizens Participating in Congregate Feeding Programs (CFPs) in Tarrant County, Texas. Presented at the 67th Texas Dietetic Association Annual Meeting and Trade Show, Dallas, Texas, April 4-6, 2002.

College of Science and Engineering Michael and Sally McCracken Annual Student Research Symposium (SRS)

2017

VanBeber, A., Dart, L., Stevenson, J., Clay, J., Niestrom, G., Owen, E., and Simons, M., Examination of portion sizes of regular cheese pizzas from a variety of casual restaurants in Fort Worth, TX. Texas Academy of Nutrition and Dietetics Conference & Exposition, Georgetown, TX, March 30-31, 2017

2016
Clemence, L, G. McCarthy, L. Pyke, H. White, L. Dart, and A. VanBeber, 2016, Windshield survey examines types of foods advertised on billboards in the Fort Worth area, College of Science and Engineering Sally and Michael McCracken Annual Student Research Symposium, Texas Christian University, Fort Worth, TX. (1st)


a Multisite Longitudinal Study: Cooking for Health Optimization with Patients (CHOP)


2015


2014

A. Knight, A. Speers, L. Dart. Comparison of Bagel Serving Size form Casual Dining Restaurants in Tarrant County Compared to USDA Recommended Serving Size.

D. Sisto, T. Winsett, L. Dart. Preferences for Total and Saturated Fat and Calorie-Modified Snack Bar Recipes Among Male and Female College Students.

2013


2011-2012


Knight, B., Plummer, E., Dart, L. Diabetes Risk Screening Among Congregate Meal Program Participants. Conference Proceedings – Poster Guide, pg. 9, College of Science and Engineering Student Research Symposium, Texas Christian University, Fort Worth, TX, April 15, 2011.

Chapa, A., Dart, L. Effect of Stress on Appetite and Food Intake Among College Students. Conference Proceedings – Poster Guide, pg. 9, College of Science and Engineering Student Research Symposium, Texas Christian University, Fort Worth, TX, April 15, 2011.


2009-2010


Engineering Student Research Symposium, Texas Christian University, Fort Worth, TX, April 17, 2009.


**2007-2008**

**Holland, A., Dart, L.** Nutritional Assessment of Rural Children in Chad, Africa. Conference Proceedings – Poster Guide, pg. 6, College of Science and Engineering Student Research Symposium, Texas Christian University, Fort Worth, TX, April 18, 2008.


**Strong, E., Dart, L.** Impact of a Campus-Wide Dining Program for Improving Healthy Menu Choices in University Students. Conference Proceedings – Poster Guide, pg. 6, College of Science and Engineering Student Research Symposium, Texas Christian University, Fort Worth, TX, April 18, 2008.


**Pool, L., Romohr, B., Dart, L.** Marketing Strategies Include Food Preferences for Improving Hospital Cafeteria Sales. Conference Proceedings – Poster Guide, pg. 6, College of Science and Engineering Student Research Symposium, Texas Christian University, Fort Worth, TX, April 18, 2008.


2005-2006


2005


Southall, S., R. Vest, L. Dart, M.A. Gorman. *Nutrient Intake of Individuals with Alzheimer’s Disease.* Symposium Proceedings, pg. 5, College of Science and Engineering, Student Research Symposium 2005, Texas Christian University, Fort Worth, TX, April 22nd.

2003-2004


Key, J., A. Longoria, L. Dart, S. Hampton, A. Ward, A. Hunt, M. Maslanka, M. Brooks. *Caloric and Macronutrient Requirements for the Captive Cheetah.* Symposium Proceedings, pg 40,
15. DEVELOPMENT OF MATERIALS AND RELATED RESPONSIBILITIES ASSOCIATED WITH PROFESSIONAL PROGRAMS IN NUTRITION:

a. Food Management Program (Activities associated with responsibilities as Program Director):

2012-2017 Coordinate Food Management Program and supervised practical experience learning outcomes for fall and spring semester internships with Fort Worth/Dallas food, nutrition and dietetics systems/service organizations.

2016 – 2017 Internships: Pappasito’s, Panther Island Brewing Co., Grace, MELT, Omni Hotel, TCU Fueling Station, Tarrant Area Food Bank, HG Supply Co., Grand Cru, TCU BLUU.

2014 – 2015 Internships: TCU Fueling Station, Culinary School of Fort Worth, Sprouts Farmers Market, Culinary Medicine Program (Moncrief Cancer Institute), Community Food Bank, BLUU, Ben E. Keith Corporation, Torchy’s Tacos, Central Market, Texas Agrilife Extension Services and Fort Worth Independent School District, Athletic Apex, Young Chef’s Academy, Foodie Magazine.


2012-2013 Internships: Z’s Café, Fort Worth Arts Council, T Suz Cuisine, Chellie B’s Sweet Events, Sodexho, Lanny’s Alta Cocina Mexicana. Elle’s Pastry Boutique.
2009-2011

2011-2012 Internships: Crème de la Crème Bakery, Rahr Brewing Company, Z’s Café, Lanny's Alta Cocina Mexicana

2010-2011 Internships: Sublime Bakery, Elisa Project, Starbuck’s, Culinary School of Fort Worth, Rahr Brewing Company, Ibiza Restaurant


2006-2007

Food Management Program degree plan revisions/changes to include combined didactic and supervised practical experience (900-1000 hours), with competency and skill-related certification.

b. Didactic Program in Dietetics (Activities associated with responsibilities as Program Director):

2004-2007


c. Coordinated Program in Dietetics:

2005

VanBeber, A., Dart, L. A Proposed Feasibility Study to Investigate the Practicality of Implementing a Master’s Degree Option within the Department of Nutritional Sciences at TCU to Meet the Proposed American Dietetic Association’s Education and Credentialing Requirements for Registered Dietitians, Vision in Action (VIA) Grant Proposal, Fall 2005.

d. TCU Department of Nutritional Sciences Advisory Boards - External Constituents:

2014-2016

NTDT Advisory Board Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, Spring 2016.

Annual NTDT Advisory Board Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, Fall 2015.

Annual NTDT Advisory Board Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, May 2014.

2010-2011

Annual NTDT Advisory Board Meeting: Members include Dietetics and
Nutrition professionals from the community, Texas Christian University, May 8, 2011.

**2009-2010**  
Annual NTDT Advisory Board Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, May 11, 2010.

Annual NTDT Advisory Board Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, May 10, 2009.

Didactic Program in Dietetics Advisory Committee Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, February 27, 2009.

**2006-2008**  
Annual NTDT Advisory Board Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, May 13, 2008.

Didactic Program in Dietetics Advisory Committee Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, June 25, 2007.

Annual NTDT Advisory Board Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, May 17, 2007.

Annual NTDT Advisory Board Meeting: Members include Dietetics and Nutrition professionals from the community, Texas Christian University, May 18, 2006.

16. **EDITORSHIPS, CONSULTANTSHIPS, PROFESSIONAL AND CREATIVE ACTIVITIES, AND PROFESSIONAL ENGAGEMENTS:**

**Professional and Creative Activities** (not listed prior):

**2014-2017**
- Chair, Texas Academy of Nutrition and Dietetics, Annual Conference & Exhibition Research & Education
- Faculty Facilitator for Interprofessional Education Initial and Intermediate Activities @ UNT Health Science Center, Spring, 2016
- TeamSTEPPS: Strengthening Teamwork In Our Work Settings. Invited Speaker for Student Workshops, January 20th and 22nd, 2015
- Faculty Facilitator for Interprofessional Education Initial and Intermediate Activities @ UNT Health Science Center, Spring and Fall, 2015

**2013-2014**
- TeamSTEPPS Faculty Workshop. Invited Speaker, Harris College Interprofessional Research, Education and Practice Council. TCU, October 31st 2014.
Interprofessional Education Curriculum Committee, Member. Co-organized and Faculty Facilitator for Initial and Intermediate IPE student activities. UNTHSC: August 27th, September 3, October 1, 2014.

TeamSTEPPS Master Training Course. University of Minnesota, August 6-7, 2014

Nutrition and Hunger for Aging Adults. Invited Panelist, TCU Center for Community Involvement and Service-Learning, February 18, 2014.

Interprofessional Research, Education and Practice Council, Member – Spring, 2013-2014: Co-organized TCU and UNTHSC collaboration for advancing health professions student practice.

Strengthening Community Food Security and Local Food Systems as Solutions to Causes of Hunger, invited presentation for panel “Realities and Resources: A Panel on Hunger” sponsored by TCU student organization Frogs For Food, March 27, 2013

2011-2012

TCU’s Big Idea – Spring, 2011 – Spring, 2012: Team Collaboration includes Preliminary and Final Proposal – Transforming Campus and Community Through Community Engaged Learning and Scholarship was selected by Quality Enhancement Council as one of four team finalists to move forward with final proposal in May, 2012.

Co-Organizer for Conference and Community Health Student Expo. Promoting Health and Wellness through Community-Campus Partnerships: Combining Our Strengths For A Better Tomorrow. Co-hosted by: TCU Center for Community Involvement & Service-Learning, UNT Health Science Center, Texas Prevention Institute. Texas Christian University, Fort Worth, TX; April 11-13, 2012.


2009-2010


2007-2008

Developed and submitted Tarrant County Master Gardener Recognition and Award Packets for the Community Gardener Curriculum and Garden Program: (1) 2009 Search of Excellence Award (International Association of Master Gardeners), (2) 2008 Educational Program Award (AgriLife Extension, Texas A&M System), (3) 2009 Texas Dietetic Association Bluebonnet Award, and (4) 2009 Fort Worth Dietetic Association Special Project of the Year; October 2008.

Community-Engaged Scholarship Faculty Development Charrette; University of North Carolina at Chapel Hill, May 28-30, 2008.


How Service-Learning Affects Students, presented at TCU Teaching and Learning Conversations, Friday, Nov. 16, 2007; Smith Hall, Texas Christian University.

Interdisciplinary Gerontology Curriculum Committee: collaboration and curriculum development for proposed TCU Interdisciplinary Healthy Aging Minor; Fall, 2008.


Developed and initiated program changes for new NTDT Food Management Program starting Fall, 2007.

2005-2006

- Submitted proposal for TCU interdisciplinary Summer Abroad Program in Santiago and Temuco, Chile, 2006 – Global Perspectives in Health: Chile. Submitted October 10, 2005.
- Developed and presented Healthy Weigh/El camino saludable research to Nursing and Nutrition faculty at Universidad Mayor, Temuco, Chile, June 2005.
- Developed and initiated proposal for interdisciplinary summer abroad program in Chile (2006) for nutrition and nursing students studying public health issues in rural communities, Spring 2005.
- Developed Healthy Weigh/El camino saludable Family Cooking Classes at TCU, Spring 2005.
- Developed Contemporary Issues in Nutrition (NTDT 10003) for TCU new core Curriculum, Fall 2005.

2002-2004

- Interdisciplinary collaboration in developing summer abroad program, A Taste of Two Countries (Food and Culture in France and Spain), Spring 2004.
- Research collaboration with TCU Nursing in developing and implementing a community-based obesity prevention and intervention: Healthy Weigh/El camino saludable Phase 1 and Phase 2; 2003-2004.
- Developed proposal for a pre-professional organization for the International Federation of Home Economics: IFHE Student and Pre-professional Affiliate; 2002-2003.

Nutrition and Dietetics Consultant:

2002-2017

- Nutrition and Dietetics Consultant for the Workforce Enhancement in Healthy Aging and Independent Living (WE HAIL) grant, funded by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), 2014 - 2017.
- Nutrition Education Programs and Research Consultant, Pediatric Clinic at University of North Texas Health Science Center, Fort Worth, TX., 2014-2017.
- Nutrition and Dietetics Education Consultant, United Way of Tarrant County: Healthy Aging and Independent Living Grant and Education Consultant, Meal on Wheels, Inc. of Tarrant County, Spring-Fall, 2010 – 2017.
- Nutrition and Dietetics Consultant for the Workforce Enhancement in Healthy Aging and Independent Living (WE HAIL) grant, funded by the U.S. Department of Health and Human Services, Health Resources and Services Administration (HRSA), 2014 - 2016.
- Nutrition Education Programs and Research Consultant, Pediatric Clinic at University of North Texas Health Science Center, Fort Worth, TX., 2014-2016.
- Nutrition and Dietetics Education Consultant, United Way of Tarrant County: Healthy Aging and Independent Living Grant and Education Consultant, Meal on Wheels, Inc. of Tarrant County, Spring-Fall, 2010 – 2017.
County, Spring-Fall, 2010 – 2016.
• Dietetics Consultant, Homes of Todd and Friends, Fort Worth, TX; 2009-2010.
• Nutrition Education Programs and Research Consultant, Tarrant Area Food Bank, Fort Worth, TX; 2002-2014.
• Dietetics Consultant, Tarrant Area Food Bank Community Kitchen, Fort Worth, TX, 2009-2010.
• 2007 Next Generation Nutrition Programs Grant and Education Consultant, Big Brothers Big Sisters of North Texas and Dannon Company, 2006-2007.
• Nutrition and Research Consultant, Senior Citizen Services of Greater Tarrant County, Inc., Fort Worth, TX; 2001-2007.
• Nutrition and Research Consultant, Department of Nutrition Services, Fort Worth Zoo, Ft. Worth, TX; 2002-2004.

Editorships:

2008-2017
• Poster Abstract Reviews: Texas Dietetic Association Food and Nutrition Conference & Exposition, San Antonio TX, April 12-14, 2012.
• Teaching the AAFCS Body of Knowledge Experientially: An Interdisciplinary Graduate Course. Program Proposal for Texas Association of Family and Consumer Sciences (TAFCS) Annual Meeting, 2008.
2005-2007

2002-2004
• Helping Others Benefit from your International Travel. Practitioner’s Paper: IFHE XXth World Congress 2004, Kyoto, Japan; 2003.

Professional Engagements: (Attendance at Scholarly Meetings)

2015-2016
• Texas Academy of Nutrition and Dietetics Conference & Exposition, Arlington TX, April 28-29, 2016.
• Annual Appreciation Luncheon for Facility Preceptors, “Communication for Leadership Development” by Tyler Fisher, TCU Department of Nutritional Sciences, April 26, 2016.
• Award Ceremony, College of Science and Engineering Michael and Sally McCracken Annual Student Research Symposium, “The Promise of a Visionary Scientific Approach” by Connie Guttersen, PhD, RD, TCU, April 8th, 2016.
• Collaborating Across Borders V Conference, Roanoke, VA, September 29, 2015.
• Texas Academy of Nutrition and Dietetics Conference & Exposition, Houston TX, April 8-10th, 2015.
• University of Texas Kenneth I. Shine, M.D. Academy of Health Science Education - 2015 Innovations Conference. Austin, TX. February 19th-20th.
• Tarrant Area Academy of Nutrition and Dietetics Monthly Member Meetings (2015: January-May; August – December)

2013-2014
• Tarrant Area Academy of Nutrition and Dietetics Monthly Member Meetings (2014: January-May; August – December)
• DFW Area Dietetics Spring Seminar, Colleyville TX, February 28, 2014
• Texas Academy of Nutrition and Dietetics Conference & Exposition, Austin, TX, April 12-14, 2013.
• TCU Center for Community Involvement & Service-Learning Workshop: Dr. Char Grey, Campus Compact – Trends in Community Engagement; TCU – March 6th, 2013.
• Tarrant Area Food Bank’s Annual Agency Conference, Fort Worth, TX; August 27, 2013.
• Fort Worth Dietetic Association Monthly Member Meetings (2013: January - May)
2011-2012

- Fort Worth Dietetic Association Scholarship Fundraiser Event, Preservation Hall, Fort Worth, TX, October 18th, 2012.
- Promoting Health and Wellness though Community-Campus Partnerships: Combining Our Strengths For A Better Tomorrow. Co-hosted by TCU Center for Community Involvement & Service-Learning, UNT Health Science Center, Texas Prevention Institute. Texas Christian University, Fort Worth, TX; April 11-13, 2012.
- Texas Dietetic Association 2012 Food and Nutrition Conference & Exposition, San Antonio, TX, April 12-14, 2012.
- Fort Worth Dietetic Association Monthly Member Meetings (2012: January – April and September – December)

2010-2011

- 2011 Annual Conference – Meals On Wheels Association of Texas, Hilton Hotel, Fort Worth, TX; April 13-15, 2011.
- Texas Dietetic Association 2011 Food and Nutrition Conference & Exposition, Dallas, TX, April 7-9, 2011.
- Conference on Service-Learning for Sustainability and Social Justice. TCU Center for Community Involvement and Service-Learning, Texas Christian University, Fort Worth, TX; March 31-April 1, 2011.
- Fort Worth Dietetic Association Monthly Member Meetings (2011: January – April and September – December)

2009-2010

- Texas Dietetic Association 2010 Food and Nutrition Conference & Exposition, Dallas, TX, March 18-20th, 2010.
- Fort Worth Dietetic Association Scholarship Fundraiser Event, Rahr Brewery, Fort Worth, TX, October 7th, 2010.
- Fort Worth Dietetic Association Member Meetings (2010: January, April, August, September)
- College of Science and Engineering Student Research Symposium, Texas Christian University, April 16, 2010.
- Fort Worth Dietetic Association Member Meetings (2009: February, April, August, October)
- College of Science and Engineering Student Research Symposium, Texas Christian University, April 17, 2009.
- Texas Dietetic Association 2009 Food and Nutrition Conference & Exposition, Austin, TX, April 19-21, 2009.

2007-2008

- College of Science and Engineering Student Research Symposium, Texas Christian University, April 18, 2008.
- Texas Dietetic Association 2008 Food and Nutrition Conference & Exposition, Houston, TX, April 25-27, 2008.
- College of Science and Engineering Student Research Symposium, Texas Christian University, April 20, 2007.
- Texas Dietetic Association 2007 Food and Nutrition Conference & Exposition, Frisco, TX,
March 30-April 1st, 2007.
- National Conference on Undergraduate Research, Dominican University of California, San Rafael, CA, April 12-14th, 2007.
- National Conference on Civic Engagement, Texas Campus Compact, Austin, TX, February 15-19th, 2007.

2005-2006
- National Prevention Summit, Center for Disease Control and Prevention; Washington, DC, October, 25-28th 2006.
- Phi Upsilon Omicron Biennial Conclave, Grapevine, TX, September 30, 2006.
- College of Science and Engineering, Student Research Symposium – 2006, Texas Christian University, Fort Worth, TX, April 21st.
- Texas Dietetic Association 2006 Food and Nutrition Conference & Exposition, Woodlands, TX, April 6-8th.
- College of Science and Engineering, Student Research Symposium – 2005, Texas Christian University, Fort Worth, TX, April 22nd.
- Texas Dietetic Association 2005 Food and Nutrition Conference & Exposition, Austin, TX, April 10-13th.

2003-2004
- College of Science and Engineering, Student Research Symposium – 2004, Texas Christian University, Fort Worth, TX, April 22-23rd.
- 18th National Conference on Undergraduate Research, Purdue University, Indianapolis, IN, April 15-17th, 2004.
- Texas Dietetic Association 2004 Food and Nutrition Conference & Exposition, Arlington, TX, April 2-5th.
- Fort Worth Dietetic Association – Spring Seminar, Texas Christian University, Fort Worth, TX, March 5, 2004.
- College of Science and Engineering, Student Research Symposium – 2003, Texas Christian University, Fort Worth, TX, April 24th.
- Texas Dietetic Association 2003 Food and Nutrition Conference & Exposition, Houston, TX, April 4th.
- Texas Association of Family and Consumer Sciences 85th Annual Meeting – Promoting Family Vitality, February 27 – March 1, 2003, Arlington, TX.

2001-2002
- American Association of Family and Consumer Sciences Annual Convention, June 22-26, 2002, Dallas, Texas.
• Texas Dietetic Association Annual Meeting and Trade Show, April 4-6, 2002, Dallas, Texas.
• 29th Annual Human Nutrition Conference, Texas A&M University, College Station, Texas, February 5th, 2002.
• Texas Student Dietetic Association Annual Meeting, October, 2001, Texas Christian University, Fort Worth, Texas.
• The Annual Research Symposium at Texas Woman’s University, Denton, TX, April 4-6, 2001.
• Texas Human Nutrition Conference 28th Annual Meeting, Texas A&M University, College Station, Texas, February 4th, 2001.

17. ACADEMIC ADVISING ACTIVITIES:
2016-2017 FOMA / NUTR-BS (Freshmen, Sophomore, Junior, Senior status: 43 students)
2014-2015 FOMA / NUTR-BS (Freshmen, Sophomore, Junior, Senior status: 46 students)
2013-2014 FOMA / NUTR-BS (Freshmen, Sophomore, Junior, Senior status: 35 students)
2012-2013 FOMA / NUTR-BS (Freshmen, Sophomore, Junior, Senior status: 41 students)
2011-2012 FOMA / NUTR-BS (Freshmen, Sophomore, Junior, Senior status: 39 students)
2010-2011 FOMA / NUTR-BS (Freshmen, Sophomore, Junior, Senior status: 35 students)
2009-2010 NUTR-BS / FOMA (Freshmen, Sophomore, Junior, Senior status: 29 students)
2008-2009 NUTR-BS / FOMA (Freshmen, Sophomore, Junior, Senior status: 34 students)
2007-2008 NUTR-BS / FOMA (Freshmen, Sophomore, Junior, Senior status: 30 students)
2006-2007 NUTR-BS (Freshmen, Sophomore, Junior, Senior status: 31 students)
NUTR-BS Didactic Program in Dietetics applicants for Dietetic Internships: 6 students
2005-2006 NUTR-BS (Freshmen, Sophomore, Junior, Senior status: 33 students)
NUTR-BS Didactic Program in Dietetics applicants for Dietetic Internships: 4 students
2004-2005 NUTR-BS (Freshmen, Sophomore, Junior status: 35 students)
2003-2004 NUTR-BS (Freshmen and Sophomore status: 30 students)

18. DEPARTMENTAL SERVICE:
2007-2016 Director, Food Management Program
2003-2016 Department of Nutritional Sciences Research Review Board, Chair
2014-2015 Member, Search Committee for Tenure Faculty position
2013-2014 Chair, Search Committee for Instructor position
2010-2011 Tenured Faculty Review Committee
2005-2010 NTDT Faculty Representative for Phi Upsilon Omicron - TCU Chapter
2007-2009 Secretary, Department of Nutritional Sciences
2004-2007 Director, Didactic Program in Dietetics
2003-2004 Budget and Inventory Committee, Chair
2002-2003 Faculty Advisory Committee, Chair
2002-2003 Budget and Inventory Committee, Member
2002 Committee Member, Faculty Search Committee, Management Coordinator Faculty Position
2001 Sigma Xi Speaker Selection Committee

19. COLLEGE SERVICE:
2016-2017 CSE Honors Research Symposium Committee, Member
2004-2017 College of Science and Engineering Student Research Symposium Committee, Member
2012-2015 College of Science and Engineering Advisory Council
2004-2010 Science and Engineering Research Center (SERC) Steering Committee for
20. UNIVERSITY SERVICE:

2015-2017 Committee Member, TCU-UNTHSC Medical School, Clinical Affairs Committee
2013-2017 Interprofessional Research, Education, and Practice Council (IPREP), Member
2012-2014 University Council, Member
2010-2012 Women’s Studies Advisory Board, Member
2006-2013 Community Involvement and Service-Learning Faculty Steering Committee, Member
2009-2012 Undergraduate Council, Member
2005-2012 Evaluation Committee, Member
2008 Faculty Tenure Hearing Committee
2007-2008 Academic Excellence Committee, Member
2007-2008 Curriculum Committee for Interdisciplinary Minor in Healthy Aging, Member
2005-2008 Faculty Senate, Representative Senator for College of Science and Engineering
2005-2008 Graduate Council, Member
2005-2007 Faculty Senate Committee on Committees, Member
2004-2005 Evaluation Committee, Chair
2002-2005 Research Mentor with the TCU Ron E. McNair Post Baccalaureate Achievement Program

21. COMMUNITY ACTIVITIES DIRECTLY RELATED TO PROFESSIONAL SKILLS:

Board of Director / Advisory Board / Community Coalitions

2003-2017
   • Fort Worth Blue Zones Project, Food Policy Implementation Committee 2014-2017
   • UNTHSC Interprofessional Education and Practice Curriculum Committee – 2014 - 2017
   • Senior Citizen Services of Tarrant Count, Board of Directors – 2015-2017
      o Chair, Senior Citizen Services of Tarrant County Long-Term Strategic Planning Committee
      o Senior Citizen Services of Tarrant County Programs Committee
   • Member of the HRSA WE HAIL Grant, Innovation 5 Team. University of North Texas Health Science Center (UNTHSC), Tarrant County Hospital District doing business as JPS Health Network (JPS), the United Way of Metropolitan Tarrant County Area Agency on Aging (AAATC) and Texas Christian University (Harris College of Nursing and Health Sciences and College of Science and Engineering, Department of Nutritional Sciences), 2015-2017
      o Chair, Evaluation Committee
   • Member of the Reynolds Next Steps Grant Innovation Teams I, II, and III for Interprofessional Education and Practice of Health Professions Students. Grant collaboration between the University of North Texas Health Science Center (UNTHSC), Texas College of Osteopathic Medicine (TCOM), UNT System College of Pharmacy, UNTHSC School of Health Professions, and TCU Department of Nutritional Sciences and Harris College of Nursing and Health Sciences, 2013-2017
      o Tarrant County Food Policy Council, Board of Directors, 2013-2017
      o Tarrant County Food Policy Council – Working Groups: (1) Chair, Community Food Security Assessment, (2) Community Gardens and Urban Agriculture, 2012-2017
   • Tarrant Area Food Bank Community Gardening Committee, 2010-2014
   • Advisory Committee for Tarrant County College: Culinary Arts, Dietetics, and Hospitality Management Program - 2007-2013
• Colorful Life Coalition, Tarrant County Public Health –2012-2013
• Tarrant Area Food Bank Food Safety Advisory Board – 2009-2012
• Senior Citizen Services of Tarrant County, Member Board of Directors – 2003-2009
• Tarrant Area Food Bank, Member Board of Directors – 2003-2009
  o Executive Board of Directors – 2007-2009
  o Secretary, 2007-2008
• Advisory Committee for Tarrant Area Food Bank Community Kitchen – 2006-2010
• Didactic Program in Dietetics at Texas Woman's University, Member Advisory Board: 2005-2008

Community Events & Presentations

2016-2017
• TCU Wellness Gold program for faculty and staff organized and presented by TCU Coordinated Program in Dietetics senior students, Texas Christian University, Spring 2017.
• Faculty Coordinator for TCU nutrition and dietetics students’ education and training sessions for the Culinary Medicine program, Texas Christian University, Spring 2017.
• Department of Nutritional Sciences Preceptor Appreciation Luncheon: organized and coordinated by TCU Coordinated Program in Dietetics senior and junior students, Texas Christian University, Spring, 2017.
• TCU College of Science and Engineering, Student Research Symposium – Event Foodservice and Volunteers: organized and coordinated NTDT student volunteers, Spring, 2017

2015-2016
• TCU Wellness Gold program for faculty and staff organized and presented by TCU Coordinated Program in Dietetics senior students, Texas Christian University, Spring 2016.
• Faculty Coordinator for TCU nutrition and dietetics students’ education and training sessions for the Culinary Medicine program, Texas Christian University, Spring 2016.
• Department of Nutritional Sciences Preceptor Appreciation Luncheon: organized and coordinated by TCU Coordinated Program in Dietetics senior and junior students, Texas Christian University, Spring, 2016.
• TCU College of Science and Engineering, Student Research Symposium – Event Foodservice and Volunteers: organized and coordinated NTDT student volunteers, Spring, 2016
• Professional Seminar for DFW Students and Interns; Baylor Medical Center, Spring, 2016.
• TCU Wellness Gold program for faculty and staff organized and presented by TCU Coordinated Program in Dietetics senior students; Texas Christian University, Spring 2015.
• Faculty Coordinator for TCU nutrition and dietetics students’ education and training sessions for the Culinary Medicine program at Moncrief Cancer Institute, Spring 2015.
• Department of Nutritional Sciences Preceptor Appreciation Luncheon: organized and coordinated by TCU Coordinated Program in Dietetics senior and junior students; Texas Christian University, Spring, 2015.
• TCU College of Science and Engineering, Student Research Symposium – Event Foodservice and Volunteers: organized and coordinated NTDT student volunteers, Spring, 2015
• Professional Seminar for DFW Students and Interns; Baylor Medical Center, Spring, 2015.

2013-2014
• TCU Wellness Gold Food Challenge and TCU Coordinated Program in Dietetics junior students, TCU Alumni Center, November 19, 2014.
• Department of Nutritional Sciences Preceptor Appreciation Luncheon: organized and coordinated by TCU Coordinated Program in Dietetics senior and junior students; Texas Christian University, May 1, 2014.
• TCU Wellness Gold program for faculty and staff organized and presented by TCU Coordinated Program in Dietetics senior students; Texas Christian University, Spring 2014.
• TCU College of Science and Engineering, Student Research Symposium – Event Foodservice and Volunteers: organized and coordinated NTDT student volunteers, April 11th, 2014
• Professional Seminar for DFW Students and Interns; Baylor Medical Center, April 3, 2014.
• TCU Wellness Gold Food Challenge and TCU Coordinated Program in Dietetics junior students, TCU Alumni Center, November 20, 2013.
• Department of Nutritional Sciences Preceptor Appreciation Luncheon: organized and coordinated by TCU Coordinated Program in Dietetics senior and junior students; Texas Christian University, May 2, 2013.
• TCU College of Science and Engineering, Student Research Symposium – Event Foodservice and Volunteers: organized and coordinated NTDT student volunteers, April 19th, 2013.
• TCU Wellness Spot organized and presented by TCU Coordinated Program in Dietetics senior students; Texas Christian University, Spring 2013.
• TCU Wellness Gold program for faculty and staff organized and presented by TCU Coordinated Program in Dietetics senior students; Texas Christian University, Spring 2013.
• Professional Seminar for DFW Students and Interns; Baylor Medical Center, April 4, 2013.

2012-2013
• TCU Wellness Gold Food Challenge and TCU Coordinated Program in Dietetics junior students, TCU Alumni Center, November 26, 2012.
• Texas AgriLife Extension Service and TCU Coordinated Program in Dietetics junior students: 4-H Food Challenge event; TCU Nutritional Sciences Kitchens, November 10, 2012.
• Fort Worth Dietetic Association Scholarship Endowment Fundraiser event and TCU Coordinated Program in Dietetics junior students: "Laisezz le bom temp roulez", Fort Worth, TX; October 18, 2012.

2011-2012
• Department of Nutritional Sciences Preceptor Appreciation Luncheon: organized and coordinated by TCU Coordinated Program in Dietetics senior and junior students; Texas Christian University, May 3, 2012.
• TCU College of Science and Engineering, Student Research Symposium – Event Foodservice and Volunteers: organized and coordinated NTDT student volunteers, April 20th, 2012.
• Professional Seminar for DFW Students and Interns; Baylor Medical Center, April 5, 2012.
• Texas AgriLife Extension Service and TCU Coordinated Program in Dietetics junior students: 4-H Food Challenge event; TCU Nutritional Sciences Kitchens, November 5, 2011.
• Fort Worth Dietetic Association Scholarship Endowment Fundraiser event and TCU Coordinated Program in Dietetics junior students: "Cooking Matters: Working Together to Empower a Community"; Tarrant Area Food Bank, Fort Worth, TX; October 6, 2011.

2010-2011
• Department of Nutritional Sciences Preceptor Appreciation Luncheon: organized and coordinated by TCU Coordinated Program in Dietetics senior and junior students; Texas Christian University, April 29, 2011.
• TCU Health & Wellness Promotion organized and presented by TCU Coordinated Program in Dietetics senior students; Texas Christian University, Spring 2011.
• Professional Seminar for DFW Students and Interns; Baylor Medical Center, April 7, 2011.
• TCU College of Science and Engineering, Student Research Symposium – Event Foodservice and Volunteers: organized and coordinated NTDT student volunteers, April 14-16th, 2010.
• TCU Health & Wellness Promotion and Food Fair organized and presented by TCU Coordinated Program in Dietetics senior students; Texas Christian University, Spring 2010.
• Professional Seminar for DFW Students and Interns; Baylor Medical Center, April 8, 2010.
• Como Community Garden Celebration presented by TCU Coordinated Program in Dietetics junior students; Como Community Garden, Fort Worth, TX, November 30, 2010.
• Texas AgriLife Extension Service and TCU Coordinated Program in Dietetics junior students: 4-H Food Challenge event; TCU Nutritional Sciences Kitchens, November 6, 2010.
• Fort Worth Dietetic Association Scholarship Endowment Fundraiser event and TCU Coordinated Program in Dietetics junior students: "Octoberfest"; Rahr Brewery, Fort Worth, TX; October 7, 2010.

2008-2009
• Tarrant Area Food Bank: Sustainable Food Systems for Partner Agencies Workshop organized and presented by TCU Coordinated in Dietetics senior students; Tarrant Area Food Bank, Fort Worth, TX, November 30, 2009.
• Texas AgriLife Extension Service and TCU Coordinated Program in Dietetics Students: 4-H Food Challenge event; TCU Nutritional Sciences Kitchens, November 7, 2009.
• TCU College of Science and Engineering, Student Research Symposium – Event Foodservice: organized and coordinated NTDT student volunteers, April 15-17th, 2009.
• Professional Seminar for DFW Students and Interns; Baylor Medical Center, April 9, 2009.
• Fort Worth Dietetic Association Scholarship Endowment Fundraiser event and TCU Coordinated Program in Dietetics Students: "Slow Food, Local Food: The Artisan Approach"; Fort Worth YMCA, February 9, 2009.
• TCU National Nutrition Month Promotion, Wellness Fair, Nutrition Assessments and TCU Coordinated Program in Dietetics Students; Texas Christian University, March 2009.
• Texas AgriLife Extension Service and TCU Coordinated Program in Dietetics Students: 4-H Food Challenge event; TCU Nutritional Sciences Kitchens, October 25, 2008.
• Fort Worth FitFuture – Kids Fest, 2008. Fort Worth Dietetic Association; Will Rodgers Coliseum, Ft. Worth, TX, October 9, 2008.
• Fort Worth Dietetic Association Scholarship Endowment Fundraiser event and TCU Coordinated Program in Dietetics Students: "Wine, Cheese, and Chocolate - A Pairing Experience"; Lockheed Martin Brazos Ballroom, February 22, 2008.
• Fort Worth Dietetic Association and TCU Coordinated Program in Dietetics Students: Ask-A-Dietitian event for National Nutrition Month; Fort Worth Public Library, March 29, 2008.
• Texas AgriLife Extension Service and TCU Coordinated Program in Dietetics Students: 4-H Food Challenge event; TCU Nutritional Sciences Kitchens, April 5, 2008.

2005-2007
• Nutrition Care Process Workshop, Texas Christian University - Department of Nutritional Sciences, January 23, 2007.
• Nutritional Sciences Green Honors Chair scheduled events, Texas Christian University, February 5th-6th, 2007.
• Annual Professional Seminar for Dallas Area Students and Interns, Baylor University Medical Center, April 5th, 2007.
Outstanding Citizen for Seniors Award Banquet, November 8, 2006.
Tarrant Area Food Bank Board of Directors Retreat, Texas Christian University, June 17, 2006.
Senior Citizen Services of Tarrant County, Resource Connection Health and Wellness Center Inaugural Ceremony, May 24, 2006.
Fort Worth FitFuture – Kids Fest, 2006. Fort Worth Dietetic Association and TCU Coordinated Program in Dietetic Students; Will Rodgers Coliseum, Ft. Worth, TX, October, 7, 2006.
TCU Magazine Interview – Creating Healthier Communities: Lockheed Martin Recreation Association Educational Opportunities for TCU Coordinated Program in Dietetics Students; April, 2006.
Annual Professional Seminar for Dallas Area Students and Interns, Baylor University Medical Center, 2004-2006.

2002-2004
• KLUV Interview – Hunger and Effects of Hunger on Adults & Children, October 7, 2004.
• Cornerstone Community Center Health Fair, October 2, 2004.
• Tarrant Area Food Bank Workshop, June, 12 2004.
• Administration and data analysis of Meal Satisfaction Survey to senior centers participating in Congregate Meal Program for Senior Citizen Services of Tarrant County, TX, Spring 2004.
• Nutrient Data Analysis of Cycle Menu for Congregate Meal Program offered by Senior Citizen Services of Tarrant County, TX, Spring 2004.
• Presentation to TCU Harris School of Nursing entitled “The Healthy Weigh / El Camino Saludable: A Community Campus Partnership to Prevent Obesity”; September, 2003.
• Tarrant Area Food Bank, Agency Relations Committee – 2003-2004.
• Presentation to Senior Alliance of Tarrant County entitled “Nutrition for Seniors”; May, 5th 2003.
• Presentation to United Way Metropolitan Tarrant Area Agency on Aging Long Range Planning Committee, Research in Aging; “Nutrition & Meal Programs for Older Adults in Tarrant County, ” March, 2003.
• Presentation to Fort Worth Zoo, Department of Nutritional Services entitled “Quality Control and Nutritional Analysis of Animal Feeds at the Fort Worth Zoo”; January, 2003.
• Presentation to United Way Metropolitan Tarrant County Area Agency on Aging (Long Range Planning Committee, Research in Aging) entitled “Nutritional Risk in Older Adults”; March, 2002.
• Presentation to Senior Citizen Services of Tarrant County entitled “Nutritional Assessment of Senior Citizens Participating in Congregate Feeding Programs in Tarrant County”; April, 2002.

Community Education & Service-Learning (Department of Nutritional Sciences student participation and coordination in supervised educational activities and community involvement)

2013-2017
• Blue Zones – Grocery Store Tours – 12-week program involving senior dietetics students conducting grocery store tours for community groups. Fort Worth, TX, Spring 2017.
• Seniors Assisting Geriatric Education (SAGE) – interprofessional team-based program for junior and senior level dietetics students. Fort Worth, TX, Fall and Spring 2017.
• Culinary Medicine Program – 6-Week interprofessional program involving senior dietetics students co-teaching medical and PA students (Texas College of Osteopathic Medicine) about healthy dietary practices and culinary skills. TCU, Fort Worth TX, Spring 2017.
• Senior Coordinated Program in Dietetics students: eight-week home visits and phone education
and consultations for *Healthy Aging and Independent Living (HAIL)* – Meals on Wheels of Tarrant County, Spring 2017.

- **Seniors Assisting Geriatric Education (SAGE)** – interprofessional team-based program involving junior and senior level dietetics students and students from UNTHSC and TCOM medical school. Fort Worth, TX, Fall and Spring 2016.

- **Culinary Medicine Program** – 6-Week interprofessional program involving senior dietetics students co-teaching medical and PA students (Texas College of Osteopathic Medicine) about healthy dietary practices and culinary skills. TCU, Fort Worth TX, Spring 2016.

- Senior Coordinated Program in Dietetics students: eight-week home visits and phone education and consultations for *Healthy Aging and Independent Living (HAIL)* – Meals on Wheels of Tarrant County, Spring 2016.

- **Seniors Assisting Geriatric Education (SAGE)** – interprofessional team-based program involving junior and senior level dietetics students and students from UNTHSC and TCOM medical school. Fort Worth, TX, Fall and Spring 2015.

- **Culinary Medicine Program** – 6-Week interprofessional program involving senior dietetics students co-teaching medical, pharmacy, PA students (Texas College of Osteopathic Medicine) about healthy dietary practices and culinary skills. Moncrief Cancer Institute, Fort Worth TX, Spring 2015.

- Senior Coordinated Program in Dietetics students: eight-week home visits and phone education and consultations for *Healthy Aging and Independent Living (HAIL)* – Meals on Wheels of Tarrant County, Spring 2015.

- **Culinary Medicine Program** – 6-Week interprofessional program involving junior and senior dietetics students co-teaching second year medical and PA students (Texas College of Osteopathic Medicine and UNTHSC) about healthy dietary practices and culinary skills. Moncrief Cancer Institute, Fort Worth TX, Fall 2014.

- Senior Coordinated Program in Dietetics students: eight-week home visits and phone education and consultations for *Healthy Aging and Independent Living (HAIL)* – Meals on Wheels of Tarrant County, Fall 2014.

- **Culinary Medicine Program** – 4-Week pilot interprofessional program involving senior dietetics students co-teaching first year medical students (Texas College of Osteopathic Medicine) about healthy dietary practices and culinary skills. Moncrief Cancer Institute, Fort Worth TX, Spring 2014.

- Senior Coordinated Program in Dietetics students: eight week home visits and phone education and consultations for *Healthy Aging and Independent Living (HAIL)* – Meals on Wheels of Tarrant County, Spring 2014.

- Senior Coordinated Program in Dietetics students: six week community education classes *(Cooking Matters curriculum)* at Tarrant Area Food Bank partner agencies, Spring, 2014.

- Senior Coordinated Program in Dietetics students: six week community education classes *(Cooking Matters curriculum)* at Tarrant Area Food Bank partner agencies, Spring, 2013.

- Senior Coordinated Program in Dietetics students: eight week home visits and phone education and consultations for *Healthy Aging and Independent Living (HAIL)* – Meals on Wheels of Tarrant County, Spring 2013.

- Senior Coordinated Program in Dietetics students: TCU Wellness Spot Campaign *(Nutrition education, mass communications / marketing, health assessments)* for TCU students, faculty, and staff. Spring, 2013.

- TCU Wellness Gold four week program for faculty and staff organized and presented by TCU Coordinated Program in Dietetics senior students; Texas Christian University, Spring 2013.

**2011-2012**

• Junior Coordinated Program in Dietetics students: participated in United Way funded home health care nutrition assessment and education program for Meals on Wheels of Tarrant County elderly clients (Healthy Aging and Independent Living initiative). Fall, 2012.
• Junior Coordinated Program in Dietetics students: community nutrition education 4-part video series for Senior Citizen Services of Tarrant County, Fall 2012.
• Senior Coordinated Program in Dietetics students: six week community education classes (Cooking Matters curriculum) at Tarrant Area Food Bank partner agencies, Spring, 2012.
• Senior Coordinated Program in Dietetics students: eight week home visits and phone education and consultations for Healthy Aging and Independent Living (HAIL) – Meals on Wheels of Tarrant County, Spring 2012.
• Senior Coordinated Program in Dietetics students: TCU Wellness Spot Campaign (Nutrition education, mass communications / marketing, health assessments) for TCU students, faculty, and staff. Spring, 2012.
• Nutrition students in NTDT Overview of Foodservice and Nutrition Care Systems: 8-week session in Nutrition Education at TCU Starpoint School for 2nd and 3rd grade students. Fall, 2011.
• Senior Coordinated Program in Dietetics students: six week community education classes (Cooking Matters curriculum) at Tarrant Area Food Bank partner agencies, Spring, 2011.
• Senior Coordinated Program in Dietetics students: eight week phone education and consultations for Healthy Aging and Independent Living (HAIL) – Meals on Wheels of Tarrant County, Spring 2011.
• Senior Coordinated Program in Dietetics students: TCU Nutritional Health Campaign (Nutrition education, mass communications / marketing, health assessments) for TCU students, faculty, and staff. Spring, 2011.
• Senior Coordinated Program in Dietetics students: Grocery Store Savvy nutrition education session for Texas AgriLife Extension participants, Spring 2011.
• Junior Coordinated Program in Dietetics students: three-week nutrition and gardening education classes for Tarrant Area Food Bank – Community Garden Program and the Community Agencies they serve, Fall 2011.

2009-2010
• Nutrition students in NTDT Overview of Foodservice and Nutrition Care Systems: 8-week session in Nutrition Education at TCU Starpoint School for 2nd and 3rd grade students. Fall, 2010.
• Junior Coordinated Program in Dietetics students: three-week community education classes for TAFB Garden Program: Como Community Involvement & Service-Learning grant (Growing Seeds curriculum) at Como Community Garden, Fall 2010
• Senior Coordinated Program in Dietetics students: TCU Health & Wellness Campaign (Nutrition education, mass communications / marketing, health assessments) for TCU students, faculty, and staff. Spring, 2010.
• Senior Coordinated Program in Dietetics students: Nutrition assessments and cycle menu planning for clients at Homes of Todd & Friends. Spring, 2010.
• Senior Coordinated Program in Dietetics students: six week community education classes (Operation Frontline Eating Right curriculum) at Tarrant Area Food Bank partner agencies, Spring, 2010.
• Nutrition students in NTDT Overview of Foodservice and Nutrition Care Systems: 8-week session in Nutrition Education at TCU Starpoint School for 2nd and 3rd grade students. Fall, 2009.
• Junior Coordinated Program in Dietetics students: six-week community education classes (Operation Frontline Eating Right curriculum) at Tarrant Area Food Bank partner agencies, Fall 2009.
- Senior Coordinated Program in Dietetics students: Senior Citizen Services Diabetes Screening Initiative, Spring 2009.
- Senior Coordinated Program in Dietetics students: community education and *Operation Frontline Eating Right* classes at the Tarrant Area Food Bank, Spring 2009.
- Senior Coordinated Program in Dietetics students: development of the Children’s Garden at the Community Garden (Tarrant County Resource Connection), Spring 2009.

### 2007-2008
- Senior Coordinated Program in Dietetics students: community education and *Gardening Classes* at Senior Citizen Services and development of the Community Garden at Resource Connection of Tarrant County, Spring 2008.
- Senior Coordinated Program in Dietetics students: community education and *Operation Frontline Eating Right* classes at the Tarrant Area Food Bank, Spring 2008.
- Nutrition students in NTDT Overview of Foodservice and Nutrition Care Systems: 8-week session in Garden-Based Nutrition Education at TCU Starpoint School for 2nd and 3rd grade students. Fall, 2008.
- Junior Coordinated Program in Dietetics students: Garden-Based Nutrition Education classes at New Lives School for Pregnant and Parenting Adolescents and development of the Community Garden at Resource Connection of Tarrant County, Fall 2008.
- Junior Coordinated Program in Dietetics students: Instructors for Junior Master Gardeners training and education at Nash Elementary School, Fort Worth, TX, Fall, 2007.
- Senior Coordinated Program in Dietetics students: community education and development of the Community Garden at Resource Connection of Tarrant County, Spring 2007.
- Senior Coordinated Program in Dietetics students: nutritional assessments and education for employees at Lockheed Martin Aeronautics, Fort Worth, TX, Spring 2007.

### 2005-2006
- Senior Coordinated Program in Dietetics students: *Weigh-to-Go Program* and *Kitchen Development Project* at Lockheed Martin Recreation Association; Ft. Worth, TX, Spring, 2006.
- Junior Coordinated Program in Dietetics students: 3-week nutrition education classes for 6th graders at FWISD and sponsored by Texas Cooperative Extension.
- Junior Coordinated Program in Dietetics students: Diet & Disease related presentations (10 weeks) for participants of Resource Connection Senior Citizen Center, Fort Worth, TX, Fall, 2006.
- Junior Coordinated Program in Dietetic students: Kids Café Classes for after-school programs sponsored by Tarrant Area Food Bank, Fort Worth, TX, Fall, 2006.
- Junior Coordinated Program in Dietetics students: *DETERMINE Nutritional Risk* assessments for participants of Congregate Meal Program, Senior Citizen Services of Tarrant County, TX, Fall, 2005.
- Junior Coordinated Program in Dietetics students: six-week nutrition education at Pregnant Teens and Parenting Classes sponsored by Tarrant Area Food Bank, Fort Worth, TX, Fall, 2005.
- Senior Coordinated Program in Dietetics students: four-week Healthy Weigh Family Cooking sessions, Texas Christian University - Nutritional Sciences kitchens, Spring 2005.
2003-2004

- Junior and senior Coordinated Program in Dietetics students: Healthy Weigh/El camino saludable Phase 1 community research and family meal preparation at Cornerstone Community Center, 2003-2004.
- Junior Coordinated Program in Dietetics students: research for the Fort Worth Zoo Nutrition Services (Black Bear Diet Study and Cheetah Diet Study) at the Fort Worth Zoo, Fort Worth, TX, Fall, 2003.

2001-2002

- Senior Coordinated Program in Dietetics students: implemented Rate-Your-Plate Questionnaire and Body Mass Index determinations for Fort Worth City Employees, Fort Worth, TX, Fall, 2002.
- Senior Coordinated Program in Dietetics students: implemented Rate-Your-Plate Questionnaire, Bioelectrical Impedance Analysis, and Body Mass Index for Annual National Conference of Zoo Personnel, Fort Worth, TX, Fall, 2002.
- Senior Coordinated Program in Dietetics students: Quality Control and Nutritional Analysis of Animal Feeds for the Nutrition Services at the Fort Worth Zoo, Fort Worth, TX, Fall, 2002.
- Senior Coordinated Program in Dietetics students: Nutritional Assessment of students enrolled in TCU Rise and Starpoint Schools for Developmental Disorders and Down’s Syndrome, Fort Worth, TX, Fall, 2002.
- Junior and senior Coordinated Program in Dietetics students: research and Nutritional Assessment of Senior Citizens Participating in Congregate Feeding Programs in Tarrant County, TX, 2001-2002.

22. MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS (INCLUDE OFFICES HELD):

- 2000-2017 AND - Dietetic Practice Groups in:
  - Nutrition Educators of Health Professionals
  - Nutrition and Dietetic Educators and Preceptors
- 2001-2017 Texas Academy of Nutrition and Dietetics (Texas Dietetic Association)
- 2001-2017 Tarrant Area Academy of Nutrition and Dietetics
  - Nominating and Awards Committee (2012-2013)
  - Chair, Nominating and Awards Committee (2011-2012)
  - Chair, Public Relations (2007-2008)
- 2002-2016 Dallas Academy of Nutrition and Dietetics (Dallas Dietetic Association)
- 2002-2011 American Association of Family and Consumer Sciences
- 2002-2011 Texas Association of Family and Consumer Sciences
  - Nominations Committee (2006)
- 2004-2009 Sigma Xi
- 2002-2006 International Federation of Home Economics
  - Director, Committee for Student and Pre-professional Affiliates (2004-2005)
  - US IFHE, Professional Development and Programs Committee (2003-2005)
- 2002-2005 American College of Sports Medicine
- 2003-2005 Texas Chapter of American College of Sports Medicine

23. PROFESSIONALLY RELATED HONORS AND AWARDS:
2016  Nominated Michael R. Ferrari Award for Distinguished University Service and Leadership

2004-2010  Awarded “Special Project of the Year” by Fort Worth Dietetic Association for the 2010 Scholarship Endowment Fundraiser event: "Octoberfest" at Rahr Brewery; Dr Lyn Dart and TCU Coordinated Program in Dietetics junior students
Awarded Texas Dietetic Association Outstanding Educator – Coordinated Program in Dietetics (CPD), April 2009.
Awarded Area III Dietetic Educators of Practitioners (DEP) Outstanding Educator – CPD, March 2009.
Appointed member of College of Science and Engineering - Graduate Faculty

2002  Nominated for Wassenich Award for Mentoring in the TCU Community

24. OTHER PROFESSIONAL RELATION ACTIVITIES NOT INCLUDED IN ANY OF THE ABOVE CATEGORIES:
2010-2017
• Goldring Center for Culinary Medicine Roundtable Retreat, New Orleans, LA, June 8-10, 2017
• Goldring Center for Culinary Medicine Roundtable Retreat, San Antonio, TX, June 9-11, 2016
• IRB Departmental Review Board Discussion and Workshop, TCU, September 25, 2015
• Goldring Center for Culinary Medicine Roundtable Retreat, New Orleans, LA, June 10-12, 2015
• TCU Research IRB Training Workshop, March 19th, 2014
• Invited panelist for presentation about Nutrition and Hunger for Aging Adults. TCU Center for Community Involvement and Service-Learning, February 18, 2014.
• Collaborative Institutional Training Initiative (CITI) online training. *Financial Conflicts of Interest and Institutional Responsibilities as They Affect Investigators* (Ref #9902581). Completed March 7, 2013.
• Texas Christian University Research and Creative Scholarship Workshop; Tucker Technology Center, Texas Christian University, Fort Worth TX; August 24, 2012.
• TCU Evaluation Committee: development and implementation of online Student Perception of Teaching (SPOT, revised) evaluation form, Fall 2010 – Summer 2011.
• TCU Learning Outcomes Manager (LOM) Pilot Project, Koehler Center for Teaching Excellence: Faculty training and course development/implementat, Spring - Summer, 2010.

2008-2009
• Undergraduate Public Health Curriculum Development Institute; Crystal City, VA, July 14-15, 2008.
• Community-Engaged Scholarship Faculty Development Charrette; University of North Carolina at Chapel Hill, May 28-30, 2008.
2006-2007
- TCU Service-Learning Faculty Workshop, Smith Hall, June 6-8, 2007.
- WEAVE Annual Assessment training for Dept/Unit Chairs, Office for Assessment and Quality Enhancement, December 2006 - September 2007.

2004-2005
- eCollege Boot Camp & Workshop – Center for Teaching Excellence, Texas Christian University, Fort Worth, TX, May 18-20th, 2004.

2002-2003
- TCU training for eCollege electronic survey design, applications, and delivery via email, Spring 2003.
- Diet, Nutrition and Public Health Programs in Mexico; July 12-21, 2002, Universidad Autonoma De Nuevo Leon, Monterrey, MX.
- Improving Multimedia and Online Courses with Instructional Design, “A How-To Series for Faculty”, TCU Center for Instructional Services, February 2002, Ft. Worth, TX

<2002
- Technical Skills Workshop: Statistical analysis with SPSS or SAS; Communicating and the internet; When numbers are not enough: a look at qualitative research methodology; Using the internet for research; April, 2001, Denton, TX
- SAS Institute Inc., JMP Software: Statistical Data Exploration and ANOVA and Regression Public Training Course; October, 2000, Austin, TX
Steven Q. Davis, M.D., M.S., FCCP
Curriculum Vitae as of September 27, 2017

Present Positions
Chief, Acclaim Internal Medicine / Medicine Specialty Service Line, October 2017 - present
Medical Director, Intensive Care Unit, August 2014 - present
John Peter Smith Health Network / JPS Physicians Group / Acclaim Physicians Group
1500 S. Main St
Fort Worth, TX 76104
817-927-3941

Locum Tenens, Pulmonary & Critical Care Medicine, January 2017 – present
Hayes Locums
6700 North Andrews Ave, Suite 600, Ft. Lauderdale, FL 33309
(888) 837-9598

Consulting Physician (Telemedicine), January 2014 – present
Specialists On Call
1768 Business Center Drive, Ste 100
Reston, VA 20190
(866) 483-9690

Previous Positions
Associate Medical Director, February 2011 – June 2014; March 2015 – September 2017
Interim Medical Director, June 2014 – February 2015
Emergency Physicians Advisory Board / Area Metropolitan Ambulance Authority / MedStar EMS
2900 Alta Mere Dr
Fort Worth, TX 76116
817-923-1500, Fax 817-923-9461

Medical Director, June 2012 – September 2017
Hill College EMS Professions
2112 Mayfield Parkway
Cleburne, TX 76033
817-760-5929

Partner, Texas Pulmonary & Critical Care Consultants, P.A., August 2008 – August 2014
1201 Fairmount Avenue
Fort Worth, TX 76104
817-335-5288, Fax 817-338-0927

909 Eighth Avenue
Fort Worth, TX 76104
817-332-5599, Fax 817-877-5337

Co-Medical Director, August 2008 – July 2014
Adult Cystic Fibrosis Center at Cook Children’s Medical Center
801 Seventh Avenue
Fort Worth, TX 76104
682-885-6299
**Hospital Staff Privileges (Active)**

John Peter Smith Hospital (Fort Worth, TX) 2014 – present  
Texas Health Resources Harris Methodist Fort Worth (Fort Worth, TX) 2008-present  
Baylor All Saints Medical Center (Fort Worth, TX) 2008-present  
Kindred Hospital Fort Worth (Fort Worth, TX) 2008 – present  

Carle Foundation Hospital (Champaign, IL) 2017 – present (Locums Tenens)

**Hospital Staff Privileges (Expired / Resigned)**

Odyssey Inpatient Hospice 2010-2012 (moonlighting opportunity I am no longer pursuing)  
Huguley Memorial Medical Center 2011-2014 (Courtesy; resigned due to no longer needing to potentially cover an ill partner)  
Texas Health Harris Southwest Hospital 2011-2014 (Courtesy; resigned due to no longer needing to potentially cover an ill partner)  
Resurrection Medical Center, Illinois 2004-2006 (moonlighting opportunity during residency/fellowship; moved to Texas)  
MacNeal Hospital, Illinois 2003 (moonlighting opportunity during residency/fellowship; moved to Texas)  
University of Chicago Hospital, Illinois 2000-2008 (moved to Texas)  
Kindred Hospital Chicago Central, Illinois 2003-2008 (moonlighting opportunity during residency/fellowship; moved to Texas)  
Highland Park Hospital, Illinois 2003-2008 (moonlighting opportunity during residency/fellowship; moved to Texas)  
Cook Children’s Medical Center Fort Worth, Texas 2008-2016 (no longer providing care in cystic fibrosis clinic due to job change)

**Hospital Staff Privileges (Telemedicine)**

Titus Regional Medical Center, Texas 4/2015 – present  
Colleton Medical Center, South Carolina 2/2016 – present  
East Alabama Medical Center-Lanier, Alabama 2/2016 – present  
Citizens Baptist Medical Center, Alabama 2/2016 – present  
Fauquier Hospital, Virginia 1/2016 – present  
WCA Hospital, New York 4/2106 – present  
Halifax Regional Medical Center, North Carolina 4/2106 – present  
Chickasaw Nation Medical Center, Oklahoma 3/2106 – present  
Clinch Valley Medical Center, Virginia 3/2106 – present  
Texas Health Resources Cleburne, Texas 12/2016 – present  
Martin General Hospital, North Carolina 6/2017 - present  
Specialists on Call, Virginia 10/2013 – present

**Education**

2017  
TCU / JPS Physician Leader Program  
2006-2008  
M.S., Clinical Health Studies, University of Chicago, Department of Health Studies  
2003-2008  
Pulmonary / Critical Care Fellow, University of Chicago.  
2004  
2000-2003  
University of Chicago Internal Medicine Residency Program.  
1996-2000  
M.D., University of Texas Southwestern Medical School at Dallas  
1992-1996  

**Board Certification**

2003, 2013  
Internal Medicine, expires 2023  
2006, 2016  
Pulmonary Medicine, expires 2026  
2007  
Critical Care Medicine, expires 12/2017 (sitting for recertifying exam 10/2017)
Medical Licensure
Texas expires August, 2019
Illinois expires July, 2020
New York expires April 2019
Missouri expires January, 2018
South Carolina expires June, 2019

Committee Memberships
2016 – present Multidisciplinary Review Committee, John Peter Smith Hospital
2014 – present Critical Care Committee, John Peter Smith Hospital
2014 – present Stroke Committee, John Peter Smith Hospital
2014 – present Acute MI Committee, John Peter Smith Hospital
2014 – present Resuscitation Readiness Committee, John Peter Smith Hospital
2014 – present Grievance Committee, John Peter Smith Hospital
2014 – present Internal Medicine Advisory Committee (IMAC), John Peter Smith Hospital
2014 – 2016 Acclaim Physician Engagement Committee, John Peter Smith Hospital
2013 – 2016 Board of Directors, North Texas Specialty Physicians
2011 – 2016 Quality Committee, North Texas Specialty Physicians
2011 – 2012 Continuous Improvement Committee, Texas Health Resources Harris Methodist Fort Worth
2010 – 2012 Ad Hoc Committee for Therapeutic Hypothermia, American Thoracic Society
2010 – 2014 Physicians’ Leadership Council, Texas Health Resources
2010 – 2014 Continuing Medical Education Committee, Texas Health Resources Harris Methodist Ft Worth (Chair, 2013-4)
2010 – 2014 Ethics Committee, Texas Health Resources Harris Methodist Fort Worth
2009 – 2011 Emergency Physicians Advisory Board (EPAB), Tarrant County Medical Society
2009 – 2010 Pharmacy and Therapeutics, Baylor All Saints Medical Center
2009 – 2014 Physician Champion, Therapeutic Hypothermia, Texas Health Resources Harris Methodist Fort Worth
2009 – 2011 Tarrant County Medical Society Socioeconomic Committee
2009 – 2011 Tarrant County Medical Society Scholarship Committee

Publications


Fletcher KE, Underwood W 3rd, Davis SQ, Mangrulkar RS, McMahon LF Jr, Saint S. Effects of work hour reduction on...
residents’ lives: a systematic review. JAMA. 2005 Sep 7;294(9):1088-100. PMID: 16145030


**Awards**

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
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<tbody>
<tr>
<td>2010 – 2014, 2016</td>
<td>Top Doc, Pulmonary Medicine, <em>Fort Worth, Texas</em> magazine</td>
</tr>
<tr>
<td>2010</td>
<td>Physician of the Year, Texas Health Resources Harris Methodist Fort Worth</td>
</tr>
<tr>
<td>2008</td>
<td>American Thoracic Society Travel Award (for quality of abstract submission)</td>
</tr>
<tr>
<td>2007</td>
<td>Best Clinical Poster Presentation, Chicago Thoracic Society, for “FEV1 at hospital discharge does not predict future asthma exacerbations.”</td>
</tr>
<tr>
<td>2000</td>
<td>Outstanding Service Award, Class of 2000, UT Southwestern.</td>
</tr>
<tr>
<td>1998</td>
<td>Best Abstract Presenter, Texas College of Emergency Physicians Annual Meeting, Galveston, Texas, for “Failure of AED Skills Retention in the Lay Public.”</td>
</tr>
</tbody>
</table>

**Research Experience**


“A randomized, double-blind, double-dummy, placebo-controlled, parallel-group study to assess the efficacy and safety of different doses of indacaterol in adult patients with persistent asthma, using salmeterol as an active control.” [Novartis Pharmaceuticals Corporation], February, 2010 - 2014. Sub-Investigator.


“A long-term, randomized, double-blind, extension study of the safety, tolerability, and efficacy of aclidinium bromide at two dosage levels when administered to patients with moderate to severe chronic obstructive pulmonary disease.” [Forest Research Institute], October, 2009 - 2014. Sub-Investigator.

“Efficacy and safety of aclidinium bromide at three dose levels (200μg twice daily, and 400μg twice daily, and 200μg once daily) vs. placebo when administered to patients with moderate to severe chronic obstructive pulmonary disease (COPD).” [Forest Research Institute]. April, 2009-2014. Sub-Investigator.

“Efficacy and safety of aclidinium bromide at two dose levels (200μg twice daily, 400μg twice daily), versus placebo when administered to patients with moderate to severe chronic obstructive pulmonary disease (COPD).” [Forest Research Institute], March, 2009. Sub-Investigator.

“A twelve (12) week treatment, multi-center, randomized, parallel group, double-blind, double-dummy study to assess the superiority of Indacaterol (150 μg o.d.) via a SDDPI in patients with moderate to severe COPD, using salmeterol (50 μg b.i.d.) as an active comparator delivered via a DISKUS inhaler.@ [Novartis Pharmaceuticals Corporation], February, 2009. Sub-Investigator.

“A randomized, double-blind, placebo-controlled parallel group study to investigate the safety and efficacy of two doses of tiotropium bromide (2.5μg and 5μg) administered once daily via the Respimat® device for 12 weeks in patients with cystic fibrosis.” [Boehringer Ingelheim], November, 2008. Principal Investigator.
2006-2008  High-dose inhaled corticosteroids for acute asthma. Principal Investigator: Jerry A. Krishnan, MD, PhD
2007-2008  Chest wall oscillation for asthma and COPD exacerbations trial. Principal Investigator: Jerry A. Krishnan, MD, PhD

Invited Lectures

2017  Fort Worth Critical Care Conference, Texas Health Resources, Update on Targeted Temperature Management
2015  Fort Worth Critical Care Conference, Texas Health Resources, Blood Product Management
2015  Fort Worth Critical Care Conference, Texas Health Resources, Diagnosis and Management of Pulmonary Embolus
2014  Society of Critical Care Medicine, Texas Chapter, Annual Meeting, Post-Intensive Care Unit Syndrome
2014  Fort Worth Critical Care Conference, Texas Health Resources, Severe Influenza
2013  Fort Worth Critical Care Conference, Texas Health Resources, Acute Kidney Injury
2012  Fort Worth Critical Care Conference, Texas Health Resources, BiPAP at the End of Life
2011  John Peter Smith Trauma Grand Rounds, Targeted Temperature Management in the Trauma Patient
2011  Fort Worth Critical Care Conference, Texas Health Resources, Severe Community Acquired Pneumonia
111–2013  Critical Care Nursing Residency Program, Texas Health Harris Methodist Fort Worth, Pulmonary Aspects of Critical Care Nursing
2010–2013  Critical Care Paramedic Course, MedStar / Tarrant County College, Respiratory Disease, Airway & Ventilator Management
2010  Fort Worth Critical Care Conference, Texas Health Resources, Therapeutic Hypothermia Following Cardiac Arrest
2010  EMS Week, Texas Health Resources Harris Methodist Fort Worth, Therapeutic Hypothermia for EMS Personnel
2010  Cardiovascular Grand Rounds, Texas Health Resources Harris Methodist Fort Worth, Therapeutic Hypothermia Following Cardiac Arrest
2010  Texas Club of Internists Spring 2010 Meeting: Therapeutic Hypothermia Following Cardiac Arrest
2007  University of Chicago Respiratory Therapy: Severe Airflow Obstruction
2005  University of Chicago Critical Care Nurses’ Class: Respiratory Anatomy and Physiology
2005  University of Chicago Critical Care Nurses’ Class: Respiratory Failure
2005  University of Chicago Pritzker School of Medicine: Mechanisms and Treatment of Cardiac Disorders, Differentiating the Causes of Shock.
2004  Grand Rounds, Department of Medicine, University of Chicago: Inner-City Asthma: Opportunities for Improvement

Volunteer Activities

2014 – present  Medical Director, Trimble Tech EMS program, Fort Worth, Texas
2011 – 2017  Coach, Fort Worth Youth Soccer
2012  Chair, CF Stair Climb, Cystic Fibrosis Foundation of Northeast Texas (Fort Worth)
2011  Co-Chair, CF Stair Climb, Cystic Fibrosis Foundation of Northeast Texas (Fort Worth)
2011 – 2013  Board of Directors, Cystic Fibrosis Foundation of Northeast Texas (Fort Worth)
2005  Volunteer, Chicago Department of Public Health, Hurricane Katrina Relief Clinic.
**Certifications**
BLS and ACLS, American Heart Association, expires December, 2017
Licensed Paramedic, Texas Department of State Health Services, expires September, 2019
EMT-P, National Registry of Emergency Medical Technicians, expires March, 2018

**Professional Memberships**
2011 – current  National Association of Emergency Medical Services Physicians
2008 – current  Texas Medical Association
2008 – current  Tarrant County Medical Society
2004 – current  American Thoracic Society
2003 – current  American College of Chest Physicians (Fellow, 2010 – current)
2003 – current  Society of Critical Care Medicine
BRIAN JAMEL DIXON, M.D.

Personal: 3020 6th Ave, Fort Worth, TX 76110  
Email: bip2dixon@hotmail.com

Practice: 1307 8th Ave, Suite 310, Fort Worth, TX 76104 (corporate and clinic)  
P.O. Box 11886, Fort Worth, TX 76110 (mailing)  
E-mail: bjdixon@progressivepsychiatry.org

PROFESSIONAL OBJECTIVES  
To be an active Child & Adolescent Psychiatrist that advocates for the health and well-being of children, adults, and families while contributing to the fields of psychiatry and pediatrics

EMPLOYMENT HIGHLIGHTS  
Progressive Psychiatry, P.A., Fort Worth, TX  
Executive Director and Child & Adolescent Psychiatrist, May 2014 to present

Baylor Scott & White All Saints Medical Center, Fort Worth, TX  
Medical Director, Behavioral Health Services, July 2016 to present

Mental Health and Mental Retardation – Tarrant County, Fort Worth, TX  
Part Time Staff Child & Adolescent Psychiatrist, August 2014 to present

Together Forward, Fort Worth TX  
Founder, Chair, CEO for nonprofit (501(c)4) created to improve cultural and educational opportunities, Jan 2014 to present

Parkland Health & Hospital System/ University of Texas Southwestern Medical Center/Medicus Healthcare Solutions, Dallas TX  
Locum Tenens Psychiatrist, November 2015 to present

Cook Children’s Physician Network, Fort Worth TX  
Full Time Staff Child & Adolescent Psychiatrist, August 2012 to May 2014

Lone Star Circle of Care, Round Rock, TX  
Full Time Staff Child & Adolescent Psychiatrist, July 2011 to June 2012

Eckerd Drug Corporation, Waco and Lufkin, TX  
National Certified Pharmacy Technician, November 2000 – July 2002  
Multiple positions, August 1996 – November 2000

CERTIFICATIONS & LICENSURE  
Psychiatry, Board Certified, Initial 9/21/2012  
American Board of Psychiatry and Neurology, Certificate #64534

Child and Adolescent Psychiatry, Board Certified, Initial 11/15/2013  
American Board of Psychiatry and Neurology, Certificate #8424

Pediatrics, Board Eligible, 7/1/2011  
American Academy of Pediatrics

Unrestricted License #N6260, Expiration 5/31/2016  
Texas Medical Board
EDUCATION

University of Kentucky, Lexington, KY  
*Pediatrics/Adult Psychiatry/Child & Adolescent Psychiatry*, Completed June 2011

Texas A&M University System Health Science Center College of Medicine,  
College Station and Temple, TX  
*Doctor of Medicine*, Conferred May 2006

Baylor University, Waco, TX  
*Bachelor of Arts in Psychology*, Conferred May 2002

National Pharmacy Technician Association, Houston, TX  
*Nationally Certified Pharmacy Technician*, Conferred November 2000

Lufkin High School, Lufkin, TX  
*Diploma, Magna Cum Laude Honors*, Conferred May 1998

LEADERSHIP

ELI Initiative Advisory Council, Fort Worth Academy, 2016-2017

Board of Directors, Turtle Creek Chorale, 2014-2016  
Singing Member


Texas Lions Camp for Children with Diabetes Camp Med Staff, 2005-2012  
Medically, educationally, and socially managed Type I DM children while leading a team of healthcare professionals

Scott & White Rays of Hope (Bereavement) Camp Co-Director, 2005-2011  
Guided 6-15 yr olds through grieving and assisted in fun summer activities

Created and facilitated a psychosocial program encouraging good decision-making in 8-11 year olds

Victory Junction Gang Camp Med Staff, 2008

College of Medicine Admissions Committee Student Member, 2003-2006

College of Medicine Class of 2006 President and Historian, 2002-05

Alpha Phi Omega National Co-Ed Service Fraternity, 2000-02

Baylor Interdisciplinary Core (BIC) Leadership Council, 1998-01

LECTURES & TEACHING

BaylorScott&White All Saints Medical Center  

Military Families Learning Network – Webinar Series  
4/27/2016: Anxiety, ADHD, and Autism: Practical Approaches to Child Psychiatry

American Psychological Association – Fort Worth Chapter  
2/12/2016: 3 Part Lecture: Practical Child Psychiatry in an Insane System

Texas Society of Psychiatric Physicians, Tarrant Chapter, Fort Worth, TX  
10/16/2014: Deadly ODD

Progressive Psychiatry: Common Childhood Concerns and Practical Solutions  
9/27/2014: Workshops 1 and 2, Lufkin, TX

Cook Children’s Physician Network/Cook Children’s Medical Center
3/26/2013: Psychiatric Case Conference: When Managing ODD Becomes a Matter of Life and Death
10/18/2012: Diabetic Noncompliance
8/2012-5/2014: Teaching Attending to various medical students and nurse practitioner students

Baylor University/Baylor Interdisciplinary Core Homecoming Lecture Series
11/2/2012: Featured Speaker, “The Examined Life: Mutual Exclusivity in an Ever Changing World” Waco, TX

Lone Star Circle of Care, Round Rock, TX
1/2/2012 to 6/2012: Teaching Attending for 2nd year Psychiatry Resident

Eastern Kentucky University, Health Psychology, Richmond, KY
2/16/2009: Health Behaviors and Prevention, Part I
2/18/2009: Health Behaviors and Prevention, Part II
8/31/2009: Becoming a Healthcare Professional

University of Kentucky/College of Medicine Cultural Competency Conference
8/27/2010: Interactions between the GLBT community and healthcare field

University of Kentucky/College of Social Work, Human Behavior Social Environment
9/30/2010: Dynamic interactions between politics, healthcare and the GLBT community

Dallas Independent Volleyball Association, Spring 2014
Most Valuable Player (MVP), Best Hitter

AAP, KY Chapter, Certificate of Achievement, 2009

Outstanding Resident in Pediatric Critical Care, University of Kentucky Medical Center, 2007-2008

Arnold P. Gold Humanism Honor Society, 2005-06

College of Medicine Family and Community Medicine Preceptorship Program, Student of the Year, 2003-04

Alpha Phi Omega National Co-Ed Service Fraternity, Spirit of APO Award, 2001; Service Merit Award, 2001

APA/Shire Fellowship, 2008-2009

Texas A&M University System Health Science Center College of Medicine Achievement Award Scholarship, 2002-2006

Baylor University President’s Scholarship, 1998-2002


Turtle Creek Chorale, Dallas, TX
Tenor I, Fall 2012 to Present

Dallas Independent Volleyball Association (DIVA), Dallas, TX
Spring 2014-Fall 2014

University of Kentucky Pediatrics Residency Advocacy Group
Advocacy Day, Feb 18, 2010. Lobbied state legislature regarding the importance of exercise and better nutrition in school
VOL (cont’d)  Shepherd's House, Lexington, KY  
*Psychiatry Consult*, Spring 2009-2010. Evaluate and treat men enrolled in a halfway house substance abuse treatment program  
Another Note Men's Chorus, Lexington, KY  
*Tenor I*, Fall 2006-2010. All concert benefits go to a local charity  
Waco Center for Youth, Waco, TX  
*Mentor*, Summer 2001  
Organized various social activities and assisted the security and healthcare providers of residential treatment program.

AFFILIATIONS  Fort Worth Chamber of Commerce  
Fort Worth Metropolitan Black Chamber of Commerce  
American Psychiatric Association (APA)  
American Academy of Child and Adolescent Psychiatry (AACAP)  
UK HOPE (Health Occupation Professionals for Equality)  


INTERESTS  Comic book collecting, volleyball, tennis, reading, movie watching, and Internet surfing

References available upon request.
Curriculum Vitae
John L. Durand, M.D., F.A.C.C.

CURRENT TITLE:
Cardiologist, Retired
Emeritus with Honors, Harris Hospital, 2014

UNDERGRADUATE EDUCATION:
Years | Degree | Institution, City, State
1970-1974 | B.S. Engineering | Arizona State University Tempe, Arizona

GRADUATE EDUCATION:
Years | Degree | Institution, City, State
1974-1977 | Doctor of Medicine | University of Arizona Tucson, Arizona

POST GRADUATE TRAINING:
Years | Degree | Institution, City, State
1977-1980 | Residency, Internal Medicine | University of Texas San Antonio, Texas
1980-1982 | Fellowship, Cardiology | Duke University Medical Center Durham, N.C.

BOARD CERTIFICATION:
Year Certified | Board | Specialty | Speciality
1978 | National Board of Medical Examiners | Diplomate
Active #191553 | Internal Medicine
1980 | American Board of Internal Medicine | Internal Medicine
Active #74874 | Cardiology
1983 | Subspecialty of Cardiovascular Disease | Cardiology
Active #074874 | Nuclear Cardiology
1996 | Certification Council of Nuclear Cardiology | Interventional Cardiology
Active #112 | Interventional Cardiology
1999 | Added Qualifications in Interventional Cardiology 1999-2009 |

LICENSEURE:
Year Granted | State | License #
1978 | Texas | F0176
Retired Emeritus

Durand #1
### OTHER PROFESSIONAL EXPERIENCE:

<table>
<thead>
<tr>
<th>Years</th>
<th>Title</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1982-1989</td>
<td>Cardiologist</td>
<td>Wichita Falls Clinic, Wichita Falls, Texas</td>
</tr>
<tr>
<td>1989-2014</td>
<td>Cardiologist</td>
<td>Consultants in Cardiology, Ft. Worth, Texas</td>
</tr>
<tr>
<td>2014-Present</td>
<td>Retired, Emeritus</td>
<td>Harris Hospital, Fort Worth, Texas</td>
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<td></td>
<td>With Honors</td>
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### HONORS AND AWARDS:

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<tr>
<th>Years</th>
<th>Honors/Award Type</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1971</td>
<td>First Place ASU Design Competition</td>
<td>Arizona State University, Tempe, Arizona</td>
</tr>
<tr>
<td>1971</td>
<td>First Place National Engineering Design Competition</td>
<td>Arizona State University, Tempe, Arizona</td>
</tr>
<tr>
<td>1972</td>
<td>Tau Beta Pi Engineering Academic Honor Society</td>
<td>Arizona State University, Tempe, Arizona</td>
</tr>
<tr>
<td>1973</td>
<td>Honeywell Award for Outstanding Individual Performance</td>
<td>Arizona State University, Tempe, Arizona</td>
</tr>
<tr>
<td>1973-1974</td>
<td>Elected President Engineering Student Council</td>
<td></td>
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<tr>
<td>1974</td>
<td>Selected Outstanding Graduate College of Engineering</td>
<td>Arizona State University, Tempe, Arizona</td>
</tr>
<tr>
<td>1977</td>
<td>Alpha Omega Alpha (AOA) University of Arizona, Tucson, Arizona</td>
<td></td>
</tr>
<tr>
<td>1977</td>
<td>Medical Honor Society</td>
<td></td>
</tr>
<tr>
<td>1977</td>
<td>Committee of Nine for Student Governance</td>
<td>University of Arizona, Tucson, Arizona</td>
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### ADMINISTRATIVE EXPERIENCE:

<table>
<thead>
<tr>
<th>Years</th>
<th>Title, Roles</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>2 terms (various)</td>
<td>Chief of Cardiology and QA Committee</td>
<td>Harris Hospital, Fort Worth, Texas</td>
</tr>
<tr>
<td>2 terms (various)</td>
<td>Medical Board Member Executive Committee and CFO</td>
<td>Harris Hospital, Fort Worth, Texas</td>
</tr>
<tr>
<td>&gt;6 years</td>
<td></td>
<td>Consultants in Cardiology, Ft. Worth, Texas</td>
</tr>
<tr>
<td>&gt;20 years</td>
<td>Fort Worth Journal Club, Member and Presenter</td>
<td>Fort Worth, Texas</td>
</tr>
<tr>
<td>Various</td>
<td>Chairman of Texas Medical Association Committee on Professional Liability and Executive Board</td>
<td>TMA, Austin, Texas</td>
</tr>
<tr>
<td></td>
<td>Member of Texas Alliance for Patient Access. Recognized by Governor Rick Perry as instrumental in passing Prop 12, landmark Texas Medical Liability Reform.</td>
<td></td>
</tr>
<tr>
<td>1984-present</td>
<td>Fellow</td>
<td>American College of Cardiology</td>
</tr>
<tr>
<td>1982 (retired)</td>
<td>Member (retired)</td>
<td>Tarrant County Medical Society, Ft. Worth, Tx</td>
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Durand #2
BOOKS:
*Understanding Heart Disease* - A guide for patients and their families. Mockingbird Communications, Wichita Falls, Texas, USA. 142 pages with glossary and index.

BOOK CHAPTERS:

OTHER:
Durand, J.L.M.D., F.A.C.C., *Cardiology for ER Scribes*, Harris Hospital Published, 2001, text with illustration.
Founding member of The Great Ape Project, an international research consortium dedicated to evaluating health and illness in gorillas, orangutans, chimpanzees, and bonobos.
Invited Lecturer Institute of Cardiac and Pulmonary Medicine, St. Petersburg, Russia, Oct., 1991.
Curriculum Vitae

Harold H. Fain, MD, MPH

CURRENT TITLE:
Medical Director
Viola Pitts Community Health
Center, JPS Health Network

BUSINESS ADDRESS
4701 Bryant Irvin Rd. N
Fort Worth, TX 76107

CONTACT INFORMATION
Harold H. Fain, MD, MPH
3917 W. 4th St.
Fort Worth, TX 76107
405.626.6113
hfain@jpshealth.org

Chronology of Education

UNDERGRADUATE EDUCATION:

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<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tr>
<td>1972-1976</td>
<td>B.S. Zoology, (summa cum laude)</td>
<td>Texas A&amp;M University, College Station, TX</td>
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GRADUATE EDUCATION:

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<tr>
<td>1976-1980</td>
<td>Doctor of Medicine</td>
<td>University of Texas Medical Branch, Galveston, TX</td>
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POSTGRADUATE TRAINING:

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<tr>
<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1980-1983</td>
<td>Residency, Family Medicine</td>
<td>John Peter Smith Hospital, Fort Worth, TX</td>
</tr>
<tr>
<td>2005</td>
<td>Masters of Public Health</td>
<td>Loma Linda University, Loma Linda, CA</td>
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BOARD CERTIFICATION:

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<tr>
<th>Year Certified</th>
<th>Board</th>
<th>Specialty</th>
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<tbody>
<tr>
<td>2007</td>
<td>ABFM</td>
<td>Family Medicine (recert)</td>
</tr>
<tr>
<td>2015</td>
<td>ABPN</td>
<td>Physician Nutrition</td>
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<tr>
<td>2016</td>
<td>S</td>
<td>Specialist (recert)</td>
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<tr>
<td></td>
<td>ABP</td>
<td>Preventive Medicine</td>
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<td></td>
<td>M</td>
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LICENSURE:

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<th>Year Granted</th>
<th>Agency/State and License #</th>
<th>Expiration/Comments</th>
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<tr>
<td>1980</td>
<td>Texas F6612</td>
<td>February 2018</td>
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Chronology of Employment

OTHER PROFESSIONAL EXPERIENCE:

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<tr>
<td>1983-1986</td>
<td>Private Practice</td>
<td>Marfa, TX</td>
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<tr>
<td>2006-2012</td>
<td>VA Physician</td>
<td>Oklahoma City, OK</td>
</tr>
<tr>
<td>2013 -Present</td>
<td>JPS Health Network</td>
<td>Fort Worth, TX</td>
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<td>Clinic Medical Director</td>
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CURRENT TEACHING RESPONSIBILITIES:

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<tr>
<th>Years</th>
<th>Course/Site</th>
<th>Role</th>
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<tbody>
<tr>
<td>2013-Present</td>
<td>Assistant Professor UNTHSC, TX</td>
<td>Student preceptor, teach Lifestyle Medicine Course</td>
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</tbody>
</table>

ADMINISTRATIVE EXPERIENCE

Administrative Duties

<table>
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<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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<tbody>
<tr>
<td>2013-Present</td>
<td>Medical Director, Viola Pitts Community Health Clinic, JPS Health Network</td>
<td>Fort Worth, TX</td>
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Professional & Scientific Committees

<table>
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<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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<tbody>
<tr>
<td>2008</td>
<td>Member Lifestyle Medicine Task Force</td>
<td>American College of Preventive Medicine</td>
</tr>
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TEACHING RESPONSIBILITIES/ASSIGNMENTS

Courses Directed

<table>
<thead>
<tr>
<th>2014-Present</th>
<th>Lifestyle Medicine—a practical course</th>
<th>1</th>
<th>Medical and physician assistant students</th>
<th>6 to 8</th>
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Students Supervised

<table>
<thead>
<tr>
<th>2013-Present</th>
<th>Four second year medical students yearly</th>
<th>None</th>
<th>Students continued into the 3rd year of medical school</th>
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</thead>
</table>

Other Educational Activities

- University of Oklahoma Health Sciences Center Family Medicine Grand Rounds—presented well-received lectures on “Instituting Lifestyle Changes in a Busy Office Practice,” “Clinical Nutrition Pearls,” and “Office Based Strategies for Weight Loss.” These lectures were frequently repeated from 2006 to 2012.
- Gave frequent talks on prevention, lifestyle change and weight loss to Ambulatory Service Care staff at Oklahoma City VA Medical Center, 2006-2012.
- MOVE (Managing Obese/Overweight Veterans Everywhere) Ambulatory Care Service champion, conducts weekly sessions with veterans for lifestyle/weight management, at Oklahoma City VA Medical Center, 2006-2012.
CURRICULUM VITAE

GRANT C. FOWLER, M.D.

PRESENT TITLE:
Professor and Vice Chair
Department of Family and Community Medicine

ADDRESS:
University of Texas-Houston Medical School
Department of Family and Community Medicine
6431 Fannin J JL #324
Houston, TX 77030

BIRTHDATE:
September 29, 1958

CITIZENSHIP:
United States

UNDERGRADUATE EDUCATION:
1980
BSChE (Chemical Engineering), Rice University

GRADUATE EDUCATION:
1984
Doctor of Medicine
The University of Texas Medical School at Houston

POSTGRADUATE TRAINING:
1984-1987
Family Medicine Residency, Memorial Southwest
The University of Texas Medical School at Houston

1999-2000
Certificate of Management, University Of Houston-Clear Lake
School of Business and Public Administration

ACADEMIC APPOINTMENTS:
1998 – Present
Vice-Chair
The University of Texas Medical School at Houston
Department of Family and Community Medicine

9/2000 – Present
Professor with tenure
Department of Family and Community Medicine
The University of Texas Health Science Center Medical School
Houston, Texas

2006-2008
Interim Pre-Doctoral/ Clerkship Director
The University of Texas Medical School at Houston
Department of Family and Community Medicine

2002
Interim Residency Director
The University of Texas Medical School at Houston
Department of Family Practice and Community Medicine

Associate Professor with tenure
Department of Family Practice and Community Medicine
The University of Texas Health Science Center Medical School
Houston, Texas

9/1988-1995
Assistant Professor
Department of Family Practice and Community Medicine
The University of Texas Health Science Center Medical School
Houston, Texas

1991-1998  Residency Director
The University of Texas Medical School at Houston Family Practice
Residency Program

1987-1991  Medical Director
Memorial Family Practice Residency Clinic, Sugarland, Texas

1987-1988  Instructor
Department of Family Practice and Community Medicine
The University of Texas Health Science Center Medical School
Houston, Texas

HOSPITAL APPOINTMENTS:
1993-1994, 1996-Present  Assistant Chief of Family Medicine
Memorial Hermann Hospital, Houston, Texas

Memorial Hermann Hospital, Houston, Texas

1991-Present  Director, Family Medicine Inpatient Service – Memorial Hermann Hospital

1987-1988  Director, Family Med. Inpatient Services, Memorial Hospital Southwest

1999-2000  Interim Medical Director, UT West–Loop Multispecialty Clinic

1991-1992  Medical Director UT/ Hermann Center for Family Medicine - Houston, Tx

2001-Present  Active or Courtesy Staff, St. Luke’s Episcopal Hospital

7/1990-Present  Active Staff, Memorial Hermann Hospital

7/1990-Present  Active Staff, Harris County Hospital District

1991-Present  Courtesy or Referring Staff, Memorial Hospital Southwest

1987-1991  Active Staff, Memorial Hospital Southwest

1987-1991  Medical Director, Memorial Hospital Family Practice Center
Sugar Land, Texas

LICENSURE:
Texas #G8111
Effective August 1985

CERTIFICATION:
American Board of Family Practice
Diplomate July 1987 - 1993

Certificate of Added Qualifications in Sports Medicine
1999 – 2009
Recertified 2009-2019

Certificate of Added Qualifications in Geriatrics
Recertified November 2014-2024

American Board of Clinical Lipidology
Diplomate November 2015-2025

Fellow - American Academy of Family Physicians
1990

PROFESSIONAL ORGANIZATIONS
(and Committees of These):

2000- Present
- EHE International (formerly Life Extension Institute)
  Medical Board of Advisors

1992
- Association of Family Practice Residency Directors
  Liaison with AAFP Student Interest Task Force, 1994 - 1999
  Chair- Task Force on Managed Care, 1997 – 1998
  Chair- Bylaws Committee, 1997 - 1998
  Chair- Task Force on Ob/Gyn, 1995 – 1996
  Liaison with AAMC, Council of Academic Societies, 1998 - 1999
  Liaison with Council of Medical Specialty Societies, 1995 – 1996

1994 - 1997
- Family Practice Advisory Committee to the Texas Higher Education Coordinating Board

1998 - 2001
- Elected by Texas Organization of Family Practice Residency Directors

1994 - 1998
- Association of Family Medicine Organizations
  Subcommittee on Residency Education
  Subcommittee on Undergraduate Education

1994
- American Medical Association Section on Medical Schools- Representative of The University of Texas - Houston Health Science Center Medical School, 1994 - 1996

1994
- American Society of Colposcopy and Cervical Pathology

1989
- American Institute of Ultrasound in Medicine

1987
- American Academy of Family Physicians
  Advisory Committee, Chief Resident Development Program, 1997- 1998
  Speakers Bureau for Student Interest, 1989
  Commission on Education - Subcommittee on Strategic Plan for Residencies, 1994
  Advisory Faculty, Advanced Life Support in Obstetrics, 1995-Present

1987
- Society of Teachers of Family Medicine
  Ad Hoc Committee on Physician Retraining, 1994
  Working Group on Community Medicine, 1994
  Family Centered Perinatal (Obstetrics) Care Working Group, 1993

1997
- National Youth Leadership Forum
  Houston - Galveston Medical Board of Advisors, 1998-Present

1997
- Texas Senate Sunset Advisory Commission, Health Care Advisory Council

1987
- Texas Medical Association
  Alternate Delegate to the Texas Medical Association, 1995-2005

1991
- Texas Organization of Family Practice Residency Directors
  Chair- 1997 - 1999

1987
- Texas Academy of Family Physicians
  Commission on Continuing Professional Development, 2016-2018
  Chair, Procedures Task Force 2003- 2006
Commission on Academic Affairs, 2008-2011
Chair, Liaison Committee with Family Practice Training Programs, 1997 - 1998
Task Force on Governance, 1997 – 1998
Advisory Committee, National Procedures Institute 2008-present
Chair, Harold T. Pruessner Scholarship Committee, TAFP Foundation, 1995 - Present
Board of Directors, 1996 - Present
Education Committee, 1994 - 1997
Speakers Bureau, 1993 - Present
Leadership Task Force, 1993-1994
Resident Affairs Committee, 1993-1996

1987  Harris County Medical Society
Board of Medical Legislation, 2016-2019
Quality Committee, 2015
Community Health and Improvements Committee, 2012-present
Executive Board, 2003
Board of Ethics, 2001- 2004
  Chair – Board of Ethics, 2003
Nominating Committee, 2003
Houston Academy of Medicine Speakers Bureau, 1988
MD Anderson Practicing Physician Advisory Panel, 1994
Public Grievance Committee, 1994 - 1997
  Secretary - Public Grievance Committee, 1994 - 1995
  Chair - Public Grievance Committee, 1996 - 1997
Fee Complaint Committee, 1994 - 1995
Interprofessional Drug Education Alliance Committee (IDEA), 1994 - 1995
Ad Hoc Committee on Immunization, 1994 - 1995

1987  Harris County Academy of Family Physicians
Board of Advisors 2005 - Present
Board of Directors, 1991- 2004
President, 1994
President Elect, 1993
Chairman - Bylaws Committee, 1993
Chairman - Education Committee, 1993
Vice President, 1992
Membership Committee, 1991 - Present
Chairman - Membership Committee, 1992
Secretary, 1991

1986 - 1991  Center for Family Medicine Journal Club
Charter Member and President, 1986

HONORS AND AWARDS:
2017 University of Texas Regents Outstanding Teaching Award
2016 Texas Academy of Family Physicians Exemplary Teaching Award
2016 UTHealth McGovern Medical School Distinguished Alumnus Award
Houstonia Magazine – 2016 Top Doctor Award
Alpha Omega Alpha Medical Honor Society, Alumni 2015
Paul Alan Wetter Award for Best Multispecialty Paper
First Place Prize/ Blue Ribbon Award
20th Anniversary Annual Meeting of the Society of Laparoendoscopic Surgeons, Los Angeles

4
Angeles, CA, September 16, 2011

Texas Super Doctors 2011

Top Doctors, Texas Monthly Magazine, every year since 2004

Best Faculty Teacher in Family Practice
Graduating Class of 2005 UTHSC-Medical School

Best Doctors in America, Central Region, every year since 1997


Physician of the Year, Harris County Chapter of the Texas Academy of Family Physicians, 2001

Dean's Teaching Excellence Award, University of Texas Medical School at Houston every year since its inception in 1989

Practicing Physician Advisory Panel for the M.D. Anderson Clinical Cancer Prevention Program (Life Cheq Program) - 1994

1994 - 1997
1999 – 2002
2005 - 2007

Advocate - U.S. Public Health Service Advocate Network - 1990 - Present

Fellow - American Academy of Family Physicians - 1990

Norma Culmer Award - Most Outstanding Resident Memorial Hospital Southwest Family Practice Residency Program - 1987

Charter President and Founding Member Center for Family Medicine Journal Club - 1986

Honors in Behavioral Science, Microbiology The University of Texas at Houston, Medical School - 1982

National Merit Scholar, Rice University - 1977 - 1980

President's Honor Roll, Rice University - 1979 - 1980

President - American Institute of Chemical Engineering Rice University Chapter - 1979

Baker College Court Justice, Rice University - 1979

Freshman Advisor, Rice University - 1979

EDITORIAL POSITIONS:
American Family Physician, 2002 – Reviewer
Women’s Health in Primary Care, 2000 - Reviewer
Archives of Family Medicine, 1992 - 1998 - Reviewer
Patient Care, 1990, 1993 – Reviewer

COMMITTEE MEMBERSHIPS:
University of Texas Houston
Health Science Center Committees:
UT/ MHH Primary Care Recruitment Committee, 2010 - present
Interfaculty Council, 2006 - 2010
Educational Committee for Infectious Diseases, 1994-1995
Health Care Team Clinical Competition Planning Committee, 1993 - 1995
Judge - Health Care Team Clinical Competition 1993, 1994, 1995

Medical School Committees:
UT Vice Chairs Clinical Safety and Effectiveness Committee – 2011- 2012
Advisor- Family Medicine Student Association, 2007- present
Member, Department of Psychiatry Chair Search Committee, 2008
Member, Department of Pediatrics Chair Search Committee, 2005
Member, Department of Anesthesiology Chair Search Committee, 2004, 2006
Committee on Committees, 1999 - 2000
Medical School Research and Development Plan
Board of Directors, Member at Large, 1997-2000, 2000-2002
Managed Care Committee, 1997
Ambulatory Care Committee, 1994 - 1995
Total Quality Improvement Reporting Committee, 1992
Ambulatory Quality Excellence Committee, 1991 - 1992

Member, Department of Surgery Chair Search Committee, 1994
Alumni Association - Board of Directors 1993, 1994 - 1996
Chairman – Orthopedic Surgery Residency Internal Review Committee, 1998
Endocrinology Fellowship Internal Review Committee, 1992
Chairman - Resident Grievance Committee, 1992
Chairman - Neurology Residency Internal Review Committee, 1991

Faculty Senate, 1990 - 1993

Departmental Committees:
Course Director 4th year Medical Student Advanced Patient Care Selective MHH, 2007-present
Departmental Billing Compliance Committee, Chair, 2004 - 2006
Clinical Incentive Plan, Ad Hoc Committee, Chair, 1998
Chairman's Advisory (Team Management, Leadership Group) Committee, 1991 - Present
Ad Hoc Committee on Space Allocation, 1994
Faculty Appointments, Promotion and Tenure Committee, 1989 - 1992, 1997-2007, Chair, 2008- Present
Residency Advisor Committee, 1987- Present
Medical Student Advisor Committee, 1987 - Present
Primary Care Research Forum, 1993 - 1995
Quality Assurance Committee, 1991
Patient Education Committee, 1990
Medical Records Committee, 1989
PromPT Update and Evaluation Committee, 1989
Research Committee, 1988
Adult, Obstetric and Pediatric PromPT Design Committees, 1987-88

**Medical School Group Practice (University Care Plus) Committees:**
UCP Humana Utilization Management Steering Committee, 2000 - 2001
UCP Ideal Patient Committee, 2001

**Hospital and Health Care Organization Committees:**
National Youth Leadership Board of Advisors 1993 - Present
LBJ Hospital Quality Panel- Family Practice 1997- Present
Cigna Quality Management Committee, 2000 - 2005
Memorial-Hermann Medical Informatics Committee, Chair, 2000 – 2002
Memorial/ Sisters of Charity Network Credentials Committee, 1997 - 2000
Nylcare Quality Management Committee, 1997 - 1999
Hermann Hospital Credentials Committee, 1996 – 1997

OneCare Utilization Management Steering Committee, 1993 - 1998
Hermann Hospital Clinical Council, 1994 – 1996
OneCare Practice Parameters Development Subcommittee, 1994 - 1995
Hermann Hospital Medical Staff Affairs Committee, 1994 - 1995
OneCare Physician Network Development Committee, 1994 - 1995
Hermann Hospital Ambulatory Tower Planning Subcommittee, 1993
Harris County Hospital District Pharmacy and Therapeutics Committee, 1990 - 1993
Harris County Hospital District Adverse Drug Reaction Subcommittee, 1990 - 1992
UT Chiefs of Service and Hermann Hospital Joint Operations Committee, 1991 - 1992
Ambulatory Care Committee University of Texas/Hermann Hospital, 1991 - 1992
Memorial Hospital Southwest Credentials Committee, 1990 - 1992
Board of Directors, Memorial Physicians of Houston, 1990 - 1992
Board of Directors - Ex-Officio Memorial Physicians of Houston, 1989 - 1990
Memorial Hospital Southwest Formulary Committee, 1991
Memorial Hospital Southwest Endoscopy Committee, 1989 - 1991
Task Force on Occupational Health, Industrial Medicine and Workman's Compensation
Memorial Care Systems, 1989 - 1991
Memorial Southwest Medical Leadership Forum, 1988 - 1991
Memorial Hospital Southwest Safety Committee, 1988 - 1991
Memorial Care Systems Speaker's Bureau, 1988 - Present
Memorial Physicians of Houston Utilization Review Committee, 1988 - 1989

**SERVICE TO COMMUNITY:**

**Media**

“Some American’s Aren’t Living as Long as They Used To,” KTRH Radio 740 AM, Houston, TX, October 31, 2016.

“Flesh Eating Bacteria, Prevention, Diagnosis and Treatment,” Fox Channel 26 News, Houston, TX, July 2, 2016.

“Prevention, diagnosis and treatment of Brain-Eating Amoeba,” Fox Channel 26 News, Houston, TX, June 24, 2016.

“Staying Hydrated in Summer Heat,” Fox Channel 26 News, Houston, TX, June 18, 2016.


“America’s Facing a Shortage of Primary-Care Doctors,” KTRH Radio, Houston, TX April 5, 2016.

“Less Than 3 Percent of Americans Live a Healthy Lifestyle,” KTRH Radio, Houston, TX, March 24, 2016.

“Zika Virus, Prevention, Diagnosis and Treatment,” Fox Channel 26 News, Houston, TX, February 1, 2016.

“How to Prevent Getting the Zika Virus and What to do if you Get It,” KURV Radio, McAllen, TX, January 28, 2016.

“Man Flu,” Fox Channel 26 News, Houston, TX, January 27, 2016.

“Effects of Alcohol on the Body,” KTRH Fox Radio, Houston, TX January 18, 2016.

“Late Night Snacking Could Wreak Havoc on Your Memory,” KTRH Fox Radio, Houston, TX, January 6, 2016.

“Music Good for the Soul and the Body,” KTRH Fox Radio, Houston, TX, November 23, 2015.

“Barbecue Meats Increasing your Cancer Risk,” KTRH Fox Radio, Houston, TX, November 10, 2015.

“Cancer Links to Processed Meat: Fox Channel 26 News, Houston, TX October 26, 2015.

“Jet Lag Could be a Thing of the Past,” KTRH Fox Radio, Houston, TX October 2, 2015.

“Prescription Drug Abuse,” Fox Channel 26, Houston, TX September 10, 2015.


“Senior Incontinence,” KPRC 950 AM Radio, Houston, TX May 24, 2015.

“When Injectable Vitamins May be a Good Thing,” KPRC Channel 2, Houston, TX, February 27, 2015.


“Holiday Blues,” KPRC Channel 2, Houston, TX December 20, 2014

“Rising Concerns with Flu Vaccine Delay,” KUT Radio, Austin, TX October 6, 2014.

“New Diet Medications,” Fox Channel 26, Houston, TX, September 30, 2014.


“New App for CPR and Defibrillator Locator,” Fox Channel 26, Houston, TX September 3, 2014.

“Never Leave a Child Alone in the Car,” KHOU Channel 11, Houston TX, August 11, 2014.


“Prescription Painkillers, who needs the drugs, what they do and how they are prescribed,” KTRH Radio, Houston, TX, July 7, 2014.


“UV Ray Addiction,” KTRH-AM, Houston, TX June 20, 2014.

“Measles Outbreak,” KTRK, Channel 13, Houston, TX May 31, 2014.

“Healthy Aging,” Fox Channel 26, Houston, TX, June 2, 2014.

“Summer Skin Protection,” KTRK Channel 13, Houston, TX, May 10, 2014.
“Stranger Danger,” CW39 NewsFix, Houston, TX April 17, 2014


“Early Retirement Concerns,” Fox Radio Tour, Davenport, Iowa, February 5, 2014


“Flu,” KTRH Radio, Houston, TX January 14, 2014

“Anti-Smoking Efforts,” KTRH Radio, Houston, TX, January 7, 2014

“Increase in Obesity in the US,” KTRH Radio, Houston, TX, November 6, 2013.

“Proposed Changes in Painkillers,” KRTK-TV Channel 13 News, Houston, TX, October 25, 2013

“Hangover Study – Sprite the Remedy?” Fox News Radio Tour, Omaha, NE, Lansing, MI and McAllen, TX, October 18, 2013.

“Link Between Achy Joins and Weather Changes,” KTRH Radio, Houston, TX, October 17, 2013.


“Brain-eating amoeba,” KURV Radio, Houston, TX, August 20, 2013.

“Health Effects of performance enhancing drugs,” KUHF Radio, Houston, TX, August 8, 2013

“Diagnosis and Treatment of Dizziness and Vertigo in the Primary Care Setting,” Texas Academy of Family Physicians 64th Annual Session & Scientific Assembly, Ft. Worth, TX, August 3, 2013

“Bacterial Contamination in Houston splash pools,” KPRC Channel 2, Houston, TX July 18, 2013.


“Smartphone apps for health checkup,” KTRH Radio, Houston, TX, May 2, 2013


“Diagnosis and Treatment of the Flu,” Fox Radio Network Live Interviews, Houston, TX January 8, 2013


“2012 Flu Outlook,” News 92 FM Radio, Houston, TX, September 27, 2012

“Drinking Coffee May Prevent Diabetes, Parkinson’s and other Diseases,” KIAH-TV Houston, TX, August 20, 2012

“Exercise Helps Fight Diabetes, August 12, 2012
“Exercise and saving lives in Diabetic,” KTRH 92 FM Radio, Houston, TX, August 6, 2012

“Health Problems Associated with Lack of Exercise,” KTRH 740 AM Radio, Houston, TX, July 19, 2012


“Outdoor Activities for Seniors,” Houston Chronicle, April 26, 2012


“Bike riding and exposure to pollutants,” Houston Community Newspaper, September 27, 2011.

“Health effects of inhaling smoke”, KUT News, Austin, TX, September 12, 2011.

“Medicine cabinet – worse place to store medications”, ABC, World News, August 16, 2011


“Blockbuster Meds Soon Going Generic”, KTRH AM Radio, July 25, 2011


“Avandia,” KTRH Newsradio 740 Am Interview, July 14, 2010


“No stitch surgery available,” Houston Chronicle, August 19, 2004

“Minimally Invasive Vasectomy,” KHOU Channel 11 News, May 6, 2004
“Minimally Invasive Vasectomy,” KHOU Channel 11 News, May 5, 2004

“New Approaches to Vasectomy,” KTRK Channel 13, February 5, 2004


“Cardiac prevention and your American Heart Association”, KTTX Radio, Brenham, Texas, May 26, 1998

“Rubella outbreak”, KLBJ, Austin, Texas, May 15, 1998

“Hypoglycemia”, KKTL FM 97.1, Houston, Texas, October 7, 1997

“Medical Ethics”, KPRC Channel 2, Houston, Texas, June 23, 1997

"Is Melatonin or DHEA Sulfate Safe?”, KPRC Channel 2, Houston, Texas, April, 1997

"How Often Should a Man Get A Complete Physical?”, KNUZ 1230 AM Radio, August 4, 1994

"How Often Should a Woman Get a Complete Physical?", KNUZ 1230 AM Radio, August 3, 1994

"Choosing A Primary Care Physician", Part II, KNUZ 1230 AM Radio, August 2, 1994

"Choosing A Primary Care Physician", Part I, KNUZ 1230 AM Radio, August 1, 1994


"Shortages of Family Doctors in Texas", KTRH-AM Radio, January 7, 1995

"Shortages of Family Doctors in Texas", KWS-TV Channel 51, January 7, 1995

"What Medical Tests Do You Really Need?”, KTRK-TV ABC Channel 13 with Christie Meyers, October 5, 1994

"Prozac and Other Personality Drugs", Channel 13 Special Report with Lisa Trapani, May 12, 1994

"Hospitals, Clinics Extend Hours to Compete for Patients", Houston Chronicle with Jane Baird, March 24, 1994

"Preventing Colds", Channel 13, Live At Five with Mary Ellen Conway, January 7, 1994

"Mouthwash and False/Positive Breathalyzer Tests", Channel 13, Live At Five with Mary Ellen Conway, December 22, 1993

"Influenza - different types and what Houston can expect", KNUZ 1230 AM Radio November 15, 1993
"Influenza - symptoms, prevention and treatment", KNUZ 1230 AM Radio, November 16, 1993

"Not Everyone A Candidate for Flu Shots", Houston Chronicle, October, 6 1993

"Human Papilloma Virus and Warts" Part I, KNUZ 1230 AM Radio, September 13, 1993

"Human Papilloma Virus and Warts" Part II, KNUZ 1230 AM Radio, September 14, 1993

"Don't Worry Yourself Sick", KHOU-TV Channel 11 - May 6-7, 1993

"Somatopsychic Disorders", Channel 13, Red Duke Show, June 4, 1993

"Risks of Teargas to Children", KTRH 740 AM Radio, April 19, 1993

American Cancer Society - Wellness is Ageless Committee, 1989-1993

"Hangover Prevention", KTRH 740 AM Radio, December 31, 1992

"Hurricane Awareness", Channel 67, Houston, Texas, September, 1992

"UTIs", Dr. Red Duke Show, Channel 13, Houston, Texas, July, 1992

"Pharyngitis", Dr. Red Duke Show, Channel 13, Houston, Texas, March, 1992

"Shingles or Varicella Zoster", The Jack Wheeler Show, WJAS-AM, Pittsburgh, Pennsylvania, May 9, 1991

Presentations:

“Update on Vitamin D: Should the Family Doctor be Screening,” UT Family Medicine Grand Rounds, October 7, 2015.


“Update on Diabetes,” Brenham Rotary Club, Brenham, Tx March 6, 2014

“What We Should Do for Wellness,” Space City Ski Club, Houston, TX, November 8, 2010.

“Cardiac Risk, Does That Mean Me?” Brenham Rotary Club, Brenham, Texas, April 28, 2005.


“Update on Diabetes,” Harris County Medical Society, Managed Care Medical Directors monthly meeting Sept, 6, 2005.

“Echocardiography,” Duke Energy Employees, August 13, 2004

“Update on Diabetes,” Harris County Medical Society, Managed Care Medical Directors monthly meeting April, 16, 2004.

“Managing Diabetes,” Harris County Medical Society, Managed Care Medical Directors monthly meeting, May 6, 2003.


“Nutritional Supplements,” Exxon-Mobil Downtown Employees, October 11, 2002.


“Stress Management”, Duke Energy employees, May 9, 2001


“Cholesterol”, Shell employees, February 22, 2001

“Managing Stress”, Galleria Chamber of Commerce, February 15, 2001

“Diabetes”, UT Wellness Series, West Loop Clinic, January 18, 2001

“Becoming Chronologically Gifted Gracefully”, University of Texas Houston retirees, January 8, 2001.

“Holiday Stress Management”, UT Wellness Series, West Loop Clinic, December 6, 2000

“Holiday Stress Management”, American General employees, November 8, 2000

“Cholesterol”, UT Wellness Series, West Loop Clinic, October 19, 2000

“Osteoporosis”, UT Wellness Series, West Loop Clinic, September 19, 2000

“Becoming Chronologically Gifted Gracefully”, First Presbyterian Church members, September 5, 2000

“Men’s Health”, UT Wellness Series, West Loop Clinic, August 17, 2000


“Aging Gracefully”, UT Wellness Series, West Loop Clinic, July 13, 2000

“Stress Management” Texas Medical Center Employees, June 14, 2000

“Diet and Cancer Prevention” UT Wellness Series, West Loop Clinic, June 8, 2000

“Heart Disease” UT Dental School, June 6, 2000

“Heart Disease” UT Wellness Series, West Loop Clinic, May 18, 2000


“Stress Management” UT Wellness Series, West Loop Clinic, April 13, 2000


“What Should Your Annual Physical Exam Include?”, The University of Texas Houston Health Science Center LifeTimeHealth Letter, August, 1996;8(8):3.

Developed funding for six national leaders to speak at Family Medicine Grand Rounds, 1994

“Stress and Stress Prevention“, Texaco Employees, Houston, Texas, September 13, 1994

“Heredity and Disease.” The University of Texas Houston Health Science Center, LifeTime Health Letter July 1994;6(7):1-6.

“Prozac Wonder Drug or ‘90’s Crutch?” The Houston Post, June 1, 1994


Health Fair, Acres Home, Harris County Hospital District Clinic, May 14, 1994

“Gastrointestinal Deviations: Diarrhea, Functional Bowel Syndrome, Appendicitis, Peptic Ulcer Disease and Hepatitis”, Planned Parenthood Women’s Health Nurse Practitioner Program Houston, Texas, May 10, 1994

Harris County Medical Society and Houston Bar Association, Inter-professional Drug Education Alliance (IDEA) Program, April 21, 1994

“Post Surgery Do's and Don'ts”, The University of Texas Houston Health Science Center LifeTime Health Letter, January, 1993;5(1):2.

Instructor, American Heart Association BLS & ACLS, 1988 - 1993

Admissions Day Speaker, UTMSH Admissions Committee, October 13, 1992

“Realities of Practice”, Hermann Hospital House Staff Series; Practice Management, October 29, 1992

Prostate Cancer Screening, Acres Home Health Clinic, Houston, Texas, October 6, 1992

“Hurricane Awareness”, University of Texas Medical School Employee Relations Committee, Houston, Texas, August 26, 1992

“Periodic Health Evaluation”, Houston Police Department/City of Houston Crime Labs, Houston, Texas, May 6, 1992
TEACHING AND CURRICULUM DEVELOPMENT:

Predoctoral:

Department Representative to CCCE Committee, 2007-2008

Department Representative to APC Selective Development Committee, 2007-2008

Department Representative to One45 Student Evaluation Committee, 2007

Medical Student Advisor, 1987-present

Introduction to Clinical Medicine, First Year Medical Student Course- video reviewer, small group discussion leader and student preceptor, University of Texas Medical School at Houston, 1996 – 2003

Mentor, Family Practice Mentor Program, University of Texas Medical School at Houston Department of Family Practice and Community Medicine, 1994, 1995


Director, “Leaders in Family Medicine” Lectureship Series, University of Texas Medical School at Houston, 1994

Clinical Preceptor and assisted Predoctoral Committee develop Family Medicine Problem Based Learning, fourth year medical students, 1993

Course Director, Orientation, Texas Statewide Preceptorship Preclinical Program, 1993

Presenter, Faculty Development Series, University of Texas Health Science Center at Houston, 1990

Baylor College of Medicine Family Practice Club Mentor, 1988 - 1990

Clinical Preceptor for Family Medicine Fourth Year Clerkship, University of Texas Medical School, 1987 - Present

Developed Curriculum (with Predoctoral Committee) for cancer prevention screening and procedural workshops, 1991

Instructor of Sigmoidoscopy, University of Texas Medical School, Family Medicine Residents and Fourth Year Medical Students, 1988 - Present

Clinical Preceptor and developed/directed CPR/BLS Course, Introduction to Clinical Medicine, University of Texas Medical School, 1989 - 1991

Clinical Preceptor for Baylor College of Medicine Department of Family Medicine, 1988 - 1991

Member of Predoctoral Committee that developed third year Family Medicine clerkship, 1991

Graduate:

Course Director or National Faculty Advisor, Advanced Life Support in Obstetrics course, University of Texas Medical School at Houston Department of Family Practice and Community Medicine and the Texas Academy of Family Physicians 1994, 1995, 1998

As Board Member developed curriculum for National Institute for Residency Program Directors Fellowship (NIPDD), co-sponsored by ABFP, AAFP, STFM, and RAP, 1994
Co-Chair of committee that developed Family Practice Obstetrical Service at LBJ Hospital and Acres Home Clinic, 1994


"Exercise Stress Testing", Combined University of Texas Medical School at Houston, Department of Family Practice Hermann/LBJ Residency Faculty; Urban Family Medicine, Faculty and the UTMSH Predoctoral Faculty Workshop Houston, Texas, March 30, 1994

Developed and directed Colposcopy Workshop, Hermann/LBJ Family Practice Residency, March 9, 1994

Developed and directed multicultural specific residency training components for Geriatrics, Behavioral Sciences, Community Medicine and HIV/AIDS (HRSA Grant support), 1992-1994

Directed research training quarterly workshops for residents, 1992-1994


Developed and directed Flexible Sigmoidoscopy and Rhinolaryngoscopy Workshop, Hermann/LBJ Family Practice Residency, May 12, 1993.


Developed Journal Club, Hermann/LBJ Family Practice Residency, 1992

Developed Hermann/LBJ Residency Family Practice Inpatient Service at Hermann Hospital, 1992

Co-Chair of Committee that developed Family Practice Inpatient Service at LBJ Hospital (first time in county hospital), 1992

Developed and directed Flexible Rhinolaryngoscopy for the Family Physician Workshop, University of Texas Medical School at Houston, Memorial Southwest Residency Program, Houston, Texas, June 11, 1992.

Director of Procedural Skills Training, UT/Hermann Center for Family Practice, 1991 - Present.

Conceived, developed and directed collaborative plan for required specialty rotations, Hermann/LBJ Family Practice Program, 1990 - 1991.

Chair of Curriculum Committee, Hermann/LBJ Family Practice Residency - developed rotations in Pediatrics, Surgery, Emergency Medicine, Gynecology, Cardiology, Outpatient Family Practice, Inpatient Family Practice at Hermann Hospital, Inpatient Family Practice LBJ Hospital, Practice Management, Obstetrics, Orthopedics, Community Medicine, Geriatrics, ENT/Ophthalmology, Rural Electives, Neurology, Dermatology, Internal Medicine, and Subspecialties, 1991 - Present.

Instructor of Sigmoidoscopy, University of Texas Medical School, Hermann/LBJ Family Medicine Residents and 1991 - Present.

Developed Primary Care/Family Practice Curriculum for Psychiatry Residents at University of Texas Medical School at Houston, 1991

Faculty, Anxiety Disorders Behavioral Science Workshop for PGY2 Residents at Memorial Southwest University of Texas Medical School at Houston, Department of Family Practice, November 7, 1990.

Faculty, Anxiety Disorders Behavioral Science Workshop for PGY2 Residents at University of Texas Medical School at Houston, Department of Family Practice, November 1, 1989.
Developed curriculum for Exercise Stress Testing, Memorial Southwest Family Practice Residency, 1989.


Developed Family Practice Grand Rounds, Memorial Hospital Southwest, 1987 - 1990.

Developed Journal Club, Memorial Southwest Family Practice Residency, 1986.

Continuing Medical Education:

Office and Emergency Department Ultrasound, Mishawaka Family Practice, Mishawaka, Indiana, May 16-17, 2003.

Exploring Type 2 Diabetes Treatment Options: Are your patient reaching their goals? The Center for Healthcare Education, Houston, Texas, July 25 and August 8, 2002.

Program Co-Director, What’s New about the Old, University of Texas Medical School at Houston, Clear Lake/ Houston, Texas, October 12-13, 2001.

Advisory Faculty for Course Director and lecturer, Advanced Life Support in Obstetrics Course, University of Texas Medical School at San Antonio, San Antonio, Texas, June 27-28, 1998

Advisory Faculty for Course Director and lecturer, Advanced Life Support in Obstetrics Course, Texas Academy of Family Physicians/ University of Texas Southwestern Medical School, Charlton Methodist Hospital, Dallas, Texas, September 7, 1996

Advisory Faculty for Course Director and lecturer, Advanced Life Support in Obstetrics Course, Texas Academy of Family Physicians/ St. Joseph’s Hospital, Houston, Texas, June 14-15, 1996

Advisory Faculty for Course Director and lecturer, Advanced Life Support in Obstetrics Course, St. Joseph’s Hospital and Health Center, Bryan, Texas, October 6-7, 1995

Advisory Faculty for Course Director and lecture, Memorial Family Practice Residency Program, Advanced Life Support in Obstetrics Course, Memorial Southwest Hospital, Houston, Texas, August 17 and 25, 1995

Advisory Faculty and Course Director, Texas Academy of Family Physicians/University of Texas Houston Health Science Center, Medical School Department of Family Practice and Community Medicine, 2nd Advanced Life Support in Obstetrics Course (ALSO), Houston, Texas April 28-29, 1995

Director, "Leaders in Family Medicine" Lectureship Series, Harris County Chapter of the Texas Academy of Family Physicians, 1994.

Developed curriculum and Course Director, Texas Academy of Family Physicians/University of Texas Houston Health Science Center, Medical School Department of Family Practice and Community Medicine (ALSO) Advanced Life Support in Obstetrics Course, Houston, Texas, (first to be taught in Texas), May 20-21, 1994

Co-Chair with Department of Gastroenterology", New Directions in Gastroenterology: Issues for Physicians and Patients" Program for Family Physicians and Gastroenterologists, Houston, Texas, June 14, 1993


Co-Director, Sixth Annual Family Medicine Research Conference, Houston, Texas, 1989

GRANT SUPPORT:

Principal Investigator
U.S. Public Health Service, HRSA Division of Medicine
Family Practice Residency Training Grant

17
$497,918, 1997-2000 Approved, not funded

Unstructured Educational Grant
Department of Family Practice and Community Medicine, Geriatrics CME
Bristol-Myers Squibb, 2 grants totaling $6,000, 2001
Merck, $5,000, 2001
Pfizer, $2,000, 2001

Unstructured Educational Grant
Department of Family Practice and Community Medicine
Bristol-Meyers Squibb, $10,000, 2000
Bristol-Meyers Squibb, $2,000, 1999
Bristol-Meyers Squibb, $1,000, 1998
Upjohn-Pharmacia, $2,000, 1999
Merck, $1,000, 1999

Unstructured Educational Grant
Hermann/LBJ Family Practice Residency Program
Bristol-Meyers Squibb, $2,000, 1995

Unstructured Educational Grant
Hermann/LBJ Family Practice Residency Program
Pfizer Labs, $1,000, 1995

Faculty Development Grant
Hermann/LBJ Family Practice Residency Program
Bristol-Meyers Squibb, $2,000, 1995

Principal Investigator
U.S. Public Health Service, HRSA Division of Medicine
Family Practice Residency Training Grant, #2D15PE10043-03
$330,000, 1995-1997 Approved, not funded

Mentor Coordinator
Family Practice Mentor Program Subcontract, $10,000, 1993-1995
U.S. Public Health Service, HRSA Grants for Predoctoral Training
Family Medicine Predoctoral Educational Grants, #2 D15-86037-04
$316,950--Total Grant Award

Faculty Development Grant
Hermann/LBJ Family Practice Residency Program
Bristol-Meyers Squibb, $2,000, 1993

Principal Investigator
U.S. Public Health Service, HRSA Division of Medicine
Family Practice Residency Training Grant, #2D15PE10043-03
$378,359, 1992-1994

Principal Investigator
Study of Primary Care Sonography Utilizing Medison 1500
Circadian Corporation, $20,000, 1993 - 1995

Principal Investigator
Study of Primary Care Sonography Utilizing Medison 4500
Circadian Corporation, $35,000, 1992 - 1993

Principal Investigator
Study of Noninvasive Vascular Studies by Family Physicians
NewMed Corporation, $15,000, 1989
Project Director
Unstructured Academic Grants to Harris County Chapter of the Texas Academy of Family Physicians
Merck Urological, $5,000, 1994
Searle, $6,000, 1994
Pfizer Labs/Pfizer Pratt/Pfizer Roerig, $6,000, 1994
Marion Merrell Dow, Inc., $3,000, 1994

Research Sponsor:

Study of Radiographic Interpretations By Family Physicians, University of Texas Medical School at Houston Student Summer Research Program, June - August 1990.


Study of the Learning Curve for Detection of Abdominal Aortic Aneurysms, University of Texas Medical School at Houston Student Summer Research Program, June - August 1993.

Study of the Learning Curve for Detection of Abdominal Aortic Aneurysms, Poster presented by Karen Richardson MS III at the 46th Annual American Academy of Family Physicians Scientific Assembly, September 22-25, 1994 in Boston, Massachusetts, with a scholarship for $1,000 from the American Academy of Family Physicians. Awarded 3rd place among resident and student research exhibits.

Current Research Interests: Office Procedures
Radiographic Interpretations by Family Physicians
Sexually Transmitted Diseases
Unusual Case Studies in Family Medicine
Obstetrics Training for Family Practice Residents
Office Ultrasound

PUBLICATIONS:

Peer Reviewed Journal Articles:


**Invited Articles:**

Fowler GC, Nonpharmacologic Approaches to the Prevention of Coronary Heart Disease. *Adult Health* 1997;1(3):10-16, Meniscus Educational Institute, Bala Cynwyd, Pennsylvania.


**Other Articles:**


**Abstracts:**


**Book Chapters:**


Vasudevan DA, Fowler GC. Tonometry. In Pfenninger and Fowler’s Procedures for Primary Care. Pfenninger JL,


**Fowler GC, Cid E, Tan RS:** Cardiovascular heart disease in older men and the role of androgens. In *Aging Men's Health*, Tan RS (ed), Thieme, New York, 2004: 112-122


**Fowler GC.** Exercise Testing. In *Procedures for Primary Care Physicians*. Pfenninger JL, Fowler GC (eds), Mosby, St. Louis, 2003, 685-713.


**Fowler, GC.** Diagnosis and treatment of corneal abrasions and removal of corneal or conjunctival foreign bodies. In *Procedures for Primary Care Physicians*. Pfenninger JL, Fowler GC (eds), Mosby, St. Louis, 2003.

Reynolds RC, **Fowler GC.** Newborn Circumcision In: *Procedures for Primary Care Physicians*. Pfenninger JL, Fowler GC (eds), Mosby, St. Louis, 2003:1367-1376.


Tan R, **Fowler GC.** Prostate biopsy. In *Procedures for Primary Care Physicians*. Pfenninger JL, Fowler GC (eds), Mosby, St. Louis, 2003:923-926.

**Fowler, GC.** Harvey, DG, Arterial Puncture and percutaneous arterial line placement (cannulation). In: *Procedures for Primary Care Physicians*. Pfenninger JL, Fowler GC (eds), Mosby, St. Louis, 2003:529-541.

Fowler GC. Skin and soft tissue foreign bodies. In: Procedures for Primary Care Physicians, Pfenninger JL, Fowler GC (eds), Mosby, St. Louis, 2002.


Fowler GC. Indirect Laryngoscopy. In Procedures for Primary Care Physicians, Pfenninger JL, Fowler GC (eds), CV Mosby, St. Louis, 1994, pp 260-263.

**Fowler GC.** Noninvasive arterial and venous studies of the lower extremities. *In: Procedures for Primary Care Physicians*, Pfenninger JL, Fowler GC (eds), CV Mosby, St. Louis, 1994, pp 348-368.


Duiker SS, **Fowler GC.** Newborn circumcision. *In: Procedures for Primary Care Physicians*, Pfenninger JL, Fowler GC (eds), CV Mosby, St. Louis, 1994, pp 863-873.

**Fowler, GC.** Diagnosis and treatment of corneal abrasions and removal of corneal or conjunctival foreign bodies. *In: Procedures for Primary Care Physicians*, Pfenninger JL, Fowler GC (eds), CV Mosby, St. Louis, 1994, pp 221-230.

**Fowler, GC.** Percutaneous arterial line placement (cannulation). *In: Procedures for Primary Care Physicians*, Pfenninger JL, Fowler GC (eds), CV Mosby, St. Louis, 1994, pp 293-299.


Clasen ME, **Fowler GC.** Office electrocardiograms. *In: Procedures for Primary Care Physicians*, Pfenninger JL, Fowler GC (eds), CV Mosby, St. Louis, 1994, pp 408-412.


Books:
Pfenninger JL, **Fowler GC**, eds. *Procedures for Primary Care Physicians*. CV Mosby, St. Louis, 1994. (1170 pages)

Monographs:

Pfeifer SM and **Fowler GC.** The State of the Art in Endometriosis Management, continuing education monograph of the University of Pennsylvania School of Medicine, 30 pages, 1995

Letters to the Editor:
Ryan JG, Aday LA, **Fowler GC**, Miller SM. Response to Parra, et. al., Education and HIV. Arch Fam Medicine 1994;3(4):310.

Other:


Fowler GC. Just what are these measles? Fort Bend County, TX, *The Southwest Advocate*, February 16, 1989.


Books In Press:


PRESENTATIONS:

Invited National Presentations:
‘Musculoskeletal Ultrasound.’ National Procedures Institute (TAFP) 2 day workshops given approximately once a year throughout the United States since 2015

“Office/ ER/ Hospitalist/ Musculoskeletal Ultrasound.” National Procedures Institute (AAFP, STFM, TAFP) 2 day workshops given approximately once or twice a year throughout the United States since 2010

“Stress ECG Testing.” National Procedures Institute (AAFP, STFM, TAFP) 1.5 day workshops given approximately 5 times a year throughout the United States since 1994

“Office/ ER/ Hospitalist Ultrasound.” National Procedures Institute (AAFP, STFM, TAFP) 1.5 day workshops given approximately once or twice a year throughout the United States, 1994-2010

“Flexible Sigmoidoscopy,” National Procedures Institute (AAFP, STFM, TAFP) 8 hour workshops given annually in various locations throughout the United States from 1994 to 2005


“Exercise Stress Testing”, National Medical Association Annual Convention and Scientific Assembly, Family Practice Section, Las Vegas, Nevada, August 8, 1999


“Primary Care Backlash” Discussion Forum, 1999 Program Directors' Workshop, Kansas City, Missouri, June 14, 1999.

“Organizing Your Faculty and Administrative Support”, 1997 Program Directors’ Workshop, Kansas City, Missouri, June 9-11, 1997


“Organizing Your Faculty and Administrative Support”, 1996 Program Directors’ Workshop, Kansas City, Missouri, June 9-11, 1996


"Maintaining Clinical and Other Skills", National Institute of Program Director Development, Kansas City, Missouri, October 28, 1994

Invited Regional Presentations
“Exercise Stress Testing”, Georgia Academy of Family Physicians, Atlanta, Georgia, November 9, 2016.

“Making Effective Use of Diagnostic Imaging,” MidMichigan Medical Center, Midland, Michigan, August 18, 2016.


“Risk and Consequences of Hypoglycemia in Patients with Type 2 Diabetes” Kistler Family Medicine Residency, Geisinger Wyoming Valley, Wilkes-Barre, Pennsylvania, December 11, 2014

Get with the Guidelines: Family Physicians’ Guide to new Hypertension and Lipid Guidelines,” MidMichigan Medical Center, Midland, and Gratiot Community Hospital, Alma, Michigan, August 21, 2015:


“Cardiac Exercise Testing,” Wayne State University, Detroit, Michigan, January 11-12, 2014.

“Update on Diabetes Management, New Drugs and New Blood Pressure Goals,” MidMichigan Medical Center, Midland, and Gratiot Community Hospital, Alma, Michigan, August 15, 2013

“Review of the New JNC 8 Guidelines for Hypertension,” Texas Academy of Family Physicians 2012 Primary Care Summit, Houston, TX October 2, 2012

“Managing Cardiovascular Risks,” Family Medicine Grand Rounds, MidMichigan Medical Center, Midland, Michigan, September 18, 2012

“Diagnosis and Treatment of Dizziness in the Primary Care Setting”, Texas Academy of Family Physicians 2011 Primary Care Summit, Houston, TX, October 22, 2011.

“Ultrasound for Primary Care,” Family Medicine Grand Rounds, MidMichigan Medical Center, Midland, Michigan, August 19, 2011

“Can We Prevent Heart Disease, Cancer and Multiple Sclerosis (and Others)? What the Family Doctor needs to know about Vitamin D” Family Medicine Grand Rounds, MidMichigan Medical Center, Midland, Michigan, August 19, 2010


“So Isn’t it Best to Prevent Cardiovascular Events by Vaccine? Update on Vaccines for the Family Doctor.” MidMichigan Medical Center, Grand Rounds Speaker, Midland, MI, August 20, 2009

“Vaccine Update.” Louisiana State University-Monroe, Family Medicine Residency Grand Rounds Speaker, Monroe, LA, April 23, 2009

“Hypertension and Lipid Management,” MidMichigan Primary Care Symposium, Midland, Michigan, March 2009

“After Revascularization, What Test is Needed and When?” Family Medicine Grand Rounds, MidMichigan Medical Center, Midland, Michigan, August 21, 2008

“Preoperative Assessment and Secondary prevention of CV Disease: What is the Evidence?”, TAFP Primary Care Summit, Houston, Texas, October 19, 2007

“What's New in Medical Management of PAD”, 3rd Annual Peripheral Artery Disease Conference, Texas A & M Health Science Center Coastal Bend Health Education Center, Corpus Christi, Texas, Sept 15, 2007

“Diabetes Update including Preventing Cardiovascular Events”, Midmichigan Medical Center, Midland, Michigan, August 16, 2007

“Recent Changes in Cardiovascular Disease That Every Family Doctor Should Know,” Midland Hospital and Family Practice Program Grand Rounds, Midland, Michigan, August 18, 2005.

“Cardiovascular Disease Update (atrial fibrillation, stroke, acute coronary syndrome, preoperative assessment, exercise testing, latest guidelines for secondary prevention)”, TAFP Winter Symposium, Snowmass, Colorado, January 24, 2003


Research Day Plenary Speaker, University of Texas Southwestern Medical School, Charlton Methodist Hospital Family Practice Residency, Dallas, Texas, May 21, 1998.

“Nuts and Bolts of the Residency Director’s Role”, Family Practice Faculty Development Center, Waco, Texas, April 20, 1998.


“Exercise Testing” and “Advanced Exercise Testing”, Primary Care for the 90’s, Texas Academy of Family Physicians, Houston, Texas, October 25, 1997

“Office and Emergency Department Ultrasound”, Northwest Regional Primary Care Association, Region VIII-Region X Joint Fall Conference, Seattle, Washington, October 6, 1997

“Adult GI, Hepatitis, and Peptic Ulcer Disease”, 9th Annual Meeting, Texas Nurse Practitioners, Houston, Texas, September 27, 1997

“Cost Effective Evaluation and Management of Chest Pain”, 48th Annual Session and Scientific Assembly of the Texas Academy of Family Physicians, Galveston, Texas, July 31, 1997

“Unstable Angina”, 130th Annual Session of the Texas Medical Association, Section on Family Practice, Houston, Texas, May 16, 1997

“Postpartum Period Emergencies and Urgencies”, Texas Academy of Family Physicians/ University of Texas Southwestern Medical School, Charlton Methodist Family Practice Residency, Advanced Life Support in Obstetrics Course, Dallas, Texas, September 7, 1996

“X-ray Interpretation”, The University of Texas Health Science Center at San Antonio, Medical School Department of Family Practice, Sports Medicine for the Primary Care Physician Course, San Antonio, Texas October 28, 1995

“Exercise Treadmill Testing”, The University of Texas Health Science Center at San Antonio, Medical School Department of Family Practice, Sports Medicine for the Primary Care Physician Course, San Antonio, Texas October 28, 1995

“Quality Residencies in Primary Care: Part I, “Texas A & M University Health Science Center College of Medicine, National Primary Care Day Celebration, College Station, Texas, September 28, 1995

“Ultrasound in Labor and Delivery”, Advanced Life Support in Obstetrics Course, St. Joseph Hospital and Health Center Bryan, Texas, October 7, 1995

Faculty Advisor, Texas Academy of Family Physicians/Texas Tech Family Practice at Lubbock, Advanced Life Support in Obstetrics Course, Lubbock, Texas, September 7-9, 1995

“Ultrasound in Labor and Delivery” Texas Academy of Family Physicians/Texas Tech Family Practice at Lubbock, Advanced Life Support in Obstetrics Course, Lubbock, Texas, September 8, 1995


“Communication Issues: Working With Staff and Consultants” Texas Academy of Family Physicians/Texas
Tech Family Practice at Lubbock, Advanced Life Support in Obstetrics Course, Lubbock, Texas, September 9, 1995

Faculty Advisor, Memorial Family Practice Residency Program, Advanced Life Support in Obstetrics Course, Memorial Southwest Hospital, Houston, Texas, August 17 and 25, 1995

“Ultrasound in Labor and Delivery” Memorial Family Practice Residency Program Advanced Life Support in Obstetrics Course, Memorial Southwest Hospital, Houston, Texas, August 17 and 25, 1995

Faculty Advisor and Course Director, Texas Academy of Family Physicians/University of Texas Houston Health Science Center, Medical School Department of Family Practice and Community Medicine, 2nd Advanced Life Support in Obstetrics Course (ALSO), Houston, Texas April 28-29, 1995

“Communication Issues: Working With Staff and Consultants “Texas Academy of Family Physicians/University of Texas Houston Health Science Center, Medical School, Department of Family Practice and Community Medicine, Advanced Life Support in Obstetrics Course (ALSO), Houston, Texas, May 21, 1994

"Screening Instruments and Procedures: Colposcopy", Primary Care for the 90's, Texas Academy of Family Physicians, Houston, Texas, October 14, 1994

"Third Trimester Bleeding" University of Texas Medical Branch Department of Family Medicine, Advanced Life Support in Obstetrics Course, Galveston, Texas, September 17, 1994

"Ultrasound in Labor and Delivery" University of Texas Medical Branch Department of Family Medicine, Advanced Life Support in Obstetrics Course, Galveston, Texas, September 17, 1994

"Birth Crisis/Communication" University of Texas Medical Branch Department of Family Medicine, Advanced Life Support in Obstetrics Course, Galveston, Texas, September 17, 1994

Director, "Leaders in Family Medicine" Lectureship Series, Harris County Chapter of the Texas Academy of Family Physicians, 1994.

Developed curriculum and Course Director, Texas Academy of Family Physicians/University of Texas Houston Health Science Center, Medical School Department of Family Practice and Community Medicine (ALSO) Advanced Life Support in Obstetrics Course, Houston, Texas, (first to be taught in Texas), May 20-21, 1994

"Prostate Function, Benign Prostate Hyperplasia and Genitourinary Ultrasound", Victoria (Tricounty) Medical Society, Victoria, Texas, April 28, 1994

"Prostate Function, Benign Prostate Hyperplasia and Genitourinary Ultrasound", University of South Alabama, Department of Family Practice Scientific Session, Mobile, Alabama, February 1, 1993

"Introduction to Colposcopy", New York Academy of Family Physicians 44th Annual Scientific Assembly, Monticello, New York, May 15, 1992

"Emergency Department Sonography", Obstetric, Abdominal and Transvaginal Ultrasound for Family Physicians, Montgomery County Medical Education Foundation and the University of Texas Medical School at Houston, Houston, Texas, April 10, 1992

"Emergency Department Sonography", Medical Surgical Conference, Rio Grande Valley Chapter of the Texas Academy of Family Physicians, South Padre Island, Texas, April 9, 1992

"Small Parts Ultrasonography", Obstetric, Abdominal and Transvaginal Ultrasound for Family Physicians, Montgomery County Medical Education Foundation and the University of Texas Medical School at Houston, Houston, Texas, April 10, 1992

"Diagnostic Ultrasound for Primary Care Physicians", Erie County Chapter of the New York Academy of Family Physicians, Buffalo, New York, January 18, 1992
"Small Parts Ultrasound Scanning", Obstetric, Abdominal and Transvaginal Ultrasound for Family Physicians, Montgomery County Medical Education Foundation and the University of Texas Medical School at Houston, Houston, Texas, April 19, 1991

"Transabdominal Pelvic Ultrasound", Obstetric, Abdominal and Transvaginal Ultrasound for Family Physicians, Montgomery County Medical Education Foundation and the University of Texas Medical School at Houston, Houston, Texas, April 19, 1991

"General Abdominal Ultrasound in Family Practice", Obstetric, Abdominal and Transvaginal Ultrasound for Family Physicians, Montgomery County Medical Education Foundation and the University of Texas Medical School at Houston, Houston, Texas, April 27, 1990

"Portable Ultrasonography Applications in the Emergency Department", Emergency Medicine Grand Rounds, University of Massachusetts Medical Center, Worcester, Massachusetts, December 6, 1989

Peer Reviewed National Presentations:

"The Development of an Urban Family Medicine Component of a Family Medicine Department", Society of Teachers of Family Medicine 27th Annual Spring Conference Atlanta, Georgia, May 1, 1994

"Rotational Diversity in Urban Residency Training Sites: Problems and Solutions", Society of Teachers of Family Medicine 27th Annual Spring Conference, Atlanta, Georgia, April 30, 1994

"Mentoring Medical Students to Specialize in Family Medicine", Society of Teachers of Family Medicine Predoctoral Conference, Tucson, Arizona, January 29, 1994


"Reinforcing the Concepts of Comprehensive Health Care in Residency and Faculty Clinics: The Prompt System", Annual Spring Conference of the Society of Teachers of Family Medicine, Denver, Colorado, May 1, 1989

Peer Reviewed Regional Presentations:

“Update on Diabetes Medications,” Hawaii Academy of Family Physicians, Honolulu, Hawaii, March 18, 2004

“Update on Cardiac Exercise Testing,” Hawaii Academy of Family Physicians, Honolulu, Hawaii, March 18, 2004

“Workshop on Cardiac Exercise Testing,” Hawaii Academy of Family Physicians, March 19, 2004

“Ultrasound in Primary Care and the Emergency Department” Colorado Academy of Family Physicians Annual Annual Scientific Meeting, Colorado Springs, Colorado, July 3, 1995

“Use of Ultrasound in Pregnancy”, The University of Texas Health Science Center at San Antonio, Department of Family Practice 19th Annual Family Practice Review Course, San Antonio, Texas, April 2, 1995

"Evaluating Outcomes of Medical Care from the Patient's Perspective", Sixth Annual Primary Care Research Methods and Statistics Conference, San Antonio, Texas, December 7, 1991

"Do Not Resuscitate in a Community Hospital", Annual Conference of South Central Region of Society of Teachers of Family Medicine, Oklahoma City, Oklahoma, October 5, 1990

"Tackling The C's (Comprehensiveness, Continuity, Coordination of Care) of Family Medicine in a Residency Clinic Setting", South Central Region of Society of Teachers of Family Medicine, Oklahoma City, Oklahoma, October 4, 1990

"Interpretation of Radiographs by Family Physicians", Texas Academy of Family Physicians Research Forum,
Texas Academy of Family Physicians Annual Meeting, Fort Worth, Texas, August 24, 1990

"Radiographic Interpretations by Family Physicians", The Fifth Annual Family Medicine Research Conference, Houston, Texas, August 7, 1988

"An Unusual Combination of Symptoms and an Investigator's Conclusion", South Central Regional Meeting of the Society of Teachers of Family Medicine, Houston, Texas, October 8, 1987

**National Presentations:**

"Exercise Stress Testing for Primary Care Physicians", Burdick Corporation (CME Accreditation by AAFP), Atlanta, Georgia, April 8, 1994

**Regional Presentations:**

"Obstetric and Emergency Department Ultrasound", Scientific Day and Grand Rounds, University of Oklahoma Medical School at Tulsa, Family Practice Residency, June 2, 1992


"Colposcopy for Primary Care Physicians", National Procedures Institute (CME Accreditation by AAFP), Phoenix, Arizona, March 12 - 14, 1992

"Colposcopy for Primary Care Physicians", National Procedures Institute (CME Accreditation by AAFP), Dallas, Texas, March 15 - 16, 1991

"Dermatologic Therapeutics and Skin Cryotherapy", Family Medicine for the 90's, Texas Academy of Family Physicians, Houston, Texas, October 23 - 24, 1991


"Family Medicine and Emergency Department Uses of Ultrasound", Family Medicine for the 90's, Texas Academy of Family Physicians, Houston, Texas, October 25, 1990

"Exercise Stress Testing by the Family Physician", Parts I & II, Family Medicine for the 90's, Texas Academy of Family Physicians, Houston, Texas, October 24 and 25, 1990

"Ultrasound Workshop for Emergency Department Physicians" Annual Meeting of Massachusetts Chapter of American College of Emergency Physicians, Boston, Massachusetts, June 14, 1990

"Introductory Ultrasound Workshop for Emergency Department Physicians", Texas Chapter of American College of Emergency Physicians Winter Meeting, South Padre Island, Texas, April 6, 1990

"Exercise Stress Testing by the Family Physician", Family Medicine for the 90's, Texas Academy of Family Physicians, Houston, Texas, October 31 - November 1, 1989

"Office Diagnostic Ultrasound by the Family Physician", Family Medicine for the 90's, Houston, Texas, October 31, 1989

"Introductory Ultrasound Workshop for Family Practice Physicians", preconference session, 41st Assembly of American Academy of Family Physicians, Los Angeles, California, September 16, 1989

"Introductory Ultrasound Workshop for Emergency Physicians", Brooke Army Hospital Emergency Medicine Residents and Faculty, Fort Sam Houston, Texas, August 18 - 19, 1989

**Invited Local Presentations:**
“Update on Vitamin D: Should the Family Doctor be Screening,” Harris County Academy of Family Physicians, January 13, 2016

“Dizziness and Vertigo” Harris County Academy of Family Physicians, January 10, 2013

“Diabetes Update” With Erik Wilson, MD, Harris County Academy of Family Physicians, March 14, 2012


“Zostavax and Preventing Shingles”, Harris County Academy of Family Physicians, April 8, 2009.


“Update on Diabetes,” Houston Medical Forum, November 11, 2008.

“Update on Diabetes,” Rotary Club, Brenham, Texas, November 20, 2008

“Common Problems in Cardiology for Primary Care,” Harris County Chapter of TAFP Monthly Scientific Assembly, March 9, 2005


“Update on Women’s Health and Sports Medicine”, St. Joseph’s Family Practice Residency, Houston, Texas, April 30, 1999


“First Trimester Vaginal Bleeding”, “Vaginal Bleeding in Late Pregnancy”, and “Ultrasound in Labor and Delivery” Memorial Family Practice Residency Program Advanced Life Support in Obstetrics Course, Memorial Southwest Hospital, Houston, Texas, 1998

“First Trimester Vaginal Bleeding”, “Vaginal Bleeding in Late Pregnancy”, and “Ultrasound in Labor and Delivery” Memorial Family Practice Residency Program Advanced Life Support in Obstetrics Course, Memorial Southwest Hospital, Houston, Texas, October 30 and 31, November 13 and 14, 1997

First Cardiology Symposium for the Primary Care Physician: “How to Make Your Patients Live Longer” sponsored by the Houston Chapter of the American Heart Association, the Houston Cardiology Society, and Memorial Healthcare Systems, Houston, Texas, May 8, 1997

“Improved Pregnancy Outcomes and Satisfaction through Shared Responsibility” and “Diagnostic Ultrasound in Labor and Delivery” Texas Academy of Family Physicians/ St. Joseph’s Hospital Family Practice Residency Program, Advanced Life Support in Obstetrics Course, Houston, Texas, June 15, 1996.

“Ultrasound in Labor and Delivery” Memorial Family Practice Residency Program Advanced Life Support in Obstetrics Course, Memorial Southwest Hospital, Houston, Texas, August 17 and 25, 1995, September 25 and October 10, 1996

“Ultrasound in Labor and Delivery” Texas Academy of Family Physicians/ University of Texas Medical School Houston, Department of Family Practice and Community Medicine Advanced Life Support in Obstetrics Course, Houston, Texas, April 29, 1995

“Birth Crisis/Communication” Texas Academy of Family Physicians/ University of Texas Medical School Houston, Department of Family Practice and Community Medicine, Advanced Life Support in Obstetrics Course, Houston, Texas, April 29, 1995
"Third Trimester Bleeding" University of Texas Medical Branch Department of Family Medicine, Advanced Life Support in Obstetrics Course, Galveston, Texas, September 17, 1994

"Ultrasound in Labor and Delivery" University of Texas Medical Branch Department of Family Medicine, Advanced Life Support in Obstetrics Course, Galveston, Texas, September 17, 1994

"Birth Crisis/Communication" University of Texas Medical Branch Department of Family Medicine, Advanced Life Support in Obstetrics Course, Galveston, Texas, September 17, 1994

Local Presentations Since 1991:

"Assisted Delivery Workshop, ALSO, Baytown Family Practice Residency, Baytown, TX, August 25, 2005

"Career Options in Family Practice," Career Day, Memorial Family Practice Residency, Houston, TX, August 24, 2005

Multiple Grand Rounds and lectures to the UT Houston Family Practice, Psychiatry, and Obstetrics/ Gynecology residents per year since 1991.

“Communication Issues: Working With Staff and Consultants”, Texas Academy of Family Physicians/University of Texas Houston Health Science Center, Medical School, Department of Family Practice and Community Medicine, Advanced Life Support in Obstetrics Course (ALSO), Houston, Texas, May 21, 1994

“Ultrasound in Delivery” Texas Academy of Family Physicians/University of Texas Houston Health Science Center, Medical School Department of Family Practice and Community Medicine (ALSO) Advanced Life Support in Obstetrics Course (ALSO), Houston, Texas, May 20, 1994

"Aging, Taking Care of the Sandwich Generation: Coping with the Physical Stress of Caregiving” Wellness Week MD Anderson Cancer Center, Houston, Texas, October 24, 1994

"Scrotal Mass", Hermann Hospital/LBJ Family Practice Residency Conference, Houston, Texas, October 19, 1994

"Prostate Cancer from a Primary Care Perspective" University of Texas Department of Family Practice Ambulatory Grand Rounds, Houston, Texas, October 12, 1994

Admissions Day Speaker, University of Texas Medical School at Houston - Admissions Committee, September 30, 1994 and Annually since 1994

"Anxiety Disorders", Hermann Hospital/LBJ Family Practice Residency Conference, Houston, Texas, April 13, 1994
Admissions Day Speaker, University of Texas Medical School at Houston - Admissions Committee, November 12, 1993

Office Dermatology: Diagnosis and Treatment of Pre-malignant and Malignant Skin Lesions and Office Cryosurgery”, University of Texas Department of Family Practice Ambulatory Grand Rounds, November 10, 1993

"Bacterial Vaginosis: Diagnosis and History", University of Texas Family Practice Grand Rounds, Houston, Texas, September 22, 1993

"Syncope and Dizziness", Hermann Hospital/LBJ Family Practice Residency Conference, Houston, Texas, September 15, 1993


"Prostate Disease and Genitourinary Ultrasound", University of Texas Family Practice Grand Rounds, Houston,
Texas, August 18, 1993

"Prostate Disorders, BPH, and Genitourinary Ultrasound", Memorial Southwest Family Practice Grand Rounds, Houston, Texas, June 4, 1993

"Ischemic Heart Disease", Hermann/LBJ Family Practice Residency Conference, Houston, Texas, March 3, 1993

"Prostate Function, Benign Prostatic Hyperplasia, Scrotal Masses and Genitourinary Ultrasound", Hermann/LBJ Family Practice Residency Conference, Houston, Texas, February 24, 1993

"Risk Management", University of Texas Family Practice Grand Rounds, Houston, Texas, February 24, 1993

"Hemoptysis", LBJ Family Practice Grand Rounds, Houston, Texas, January 27, 1993

"Radiographic Interpretation of Low Back Pain", LBJ Family Practice Grand Rounds, Houston, Texas, January 27, 1993

"GI Bleeding", LBJ Family Practice Grand Rounds, Houston, Texas, December 16, 1992

"Flexible Sigmoidoscopy", LBJ Family Practice Grand Rounds, Houston, Texas, November 18, 1992

"Management of Coronary Artery Disease in the Family Practice Office", University of Texas Family Practice Grand Rounds, Houston, Texas, August 12, 1992

"Risk Management II", University of Texas Family Practice Grand Rounds, Houston, Texas, February 19, 1992

"Colon Cancer Screening and Flexible Sigmoidoscopy", LBJ Family Practice Grand Rounds, Houston, Texas, October 25, 1991

"Risk Management", University of Texas Family Practice Grand Rounds, Houston, Texas, August 14, 1991

"Ischemic Heart Disease", LBJ Family Practice Grand Rounds, Houston, Texas, July 12, 1991


"Radiographic Interpretations by Family Physicians", Memorial Hospital Southwest Family Medicine Grand Rounds, Houston, Texas, January 11, 1991

"Cardiovascular Disease and Arrhythmias", University of Texas Family Practice Grand Rounds, Houston, Texas, June 5, 1991

**Peer Reviewed National Poster Presentations:**


"Mentoring Medical Students to Specialize in Family Medicine", Society of Teachers of Family Medicine, Predoctoral Conference, Tucson, Arizona, January 29, 1994


**Moderator:**


“Skin Procedures and Joint Injections”, TAFP Annual Scientific Assembly, Dallas, Texas, July 20, 2006.

“Strolling Through the Match”, Family Practice Student Association, University of Texas - Houston Health Science Center Medical, Houston, Texas, March 27, 1996


“Strategic Planning for Residency Education”, Association of Family Practice Residency Directors’ 1995 Program Directors’ Workshop, Kansas City, Missouri, June 5, 1995

“Strolling Through the Match”, Family Practice Student Association, University of Texas - Houston Health Science Center Medical, Houston, Texas, March 1, 1995

"Ten Unknowns in Colposcopy", Colposcopy for Primary Care Physicians, National Procedures Institute, Phoenix, Arizona, March 14, 1992

"Ten Unknowns in Colposcopy", Colposcopy for Primary Care Physicians, National Procedures Institute, Dallas, Texas, March 15, 1991

Fifth Annual Primary Care Research Methods and Statistics Conference, University of Texas at San Antonio, San Antonio, Texas, November 30, 1990

"Principles of Survey Research", Third Primary Care Research and Statistics Conference, San Antonio, Texas December 3, 1988


"Panel Discussion: Residents Examine Research During Training", Fifth Annual Family Medicine Research Conference, Houston, Texas, August 7, 1988


Coordinator, South Central Regional Meeting of Society of Teachers of Family Medicine, Houston, Texas, August 8, 1987
CURRICULUM VITAE

Jose L. Gonzalez, M.D., J.D., M.S.Ed., C.P.E. February 2017

Present Position and Address:
Vice-President, Clinical Affairs, Cook Children’s Health Plan
801 Seventh Avenue
Fort Worth, Texas 76104

Medical Director, Center for Children’s Health
Cook Children’s Health Care System
801 Seventh Avenue
Fort Worth, Texas 76104

Personal Data

Birthplace: Habana, Cuba
Citizenship: U.S.A.
Home address: 3609 Dryden Road
Fort Worth, Texas 76109

Education

4th in Class - G.P.A.: 3.5

Major: Chemistry  Minor: Biology
Magna Cum Laude - G.P.A.: 3.67

University of Miami School of Medicine, M.D. 7/1972 – 6/1976
27th in Class

Southern Methodist University School of Law 1993-1997
Cum Laude
Admitted to State Bar of Texas 1998

University of Southern California School of Graduate Education 2000-2002
Masters of Science in Medical Education

Fellowship in Medical Management
Certified Physician Executive 4/2005
Thomas Jefferson College of Population Health
Masters in Healthcare Quality and Safety Management
Expected Completion 2016

**Post-Graduate Education**

Pediatric Intern:
Children’s Medical Center - Dallas, Texas 7/1976 – 6/1977

Pediatric Resident:
Children’s Medical Center - Dallas, Texas 7/1977 – 6/1979

Co-Chief Resident in Pediatrics:
Children’s Medical Center - Dallas, Texas 7/1979 – 6/1980

Board Certified, American Board of Pediatrics 1981

Clinical and Research Fellow in Pediatric Endocrinology:
University of Iowa Hospitals and Clinics - Iowa City, Iowa 7/1980- 6/1982

Board Certified, American Board of Pediatrics
Sub-Board of Pediatric Endocrinology 1983

Fellowship in Teaching and Learning
University of Southern California School of Graduate Education 9/2000 – 5/2001

Fellowship in Educational Leadership
University of Southern California School of Graduate Education 9/2001 – 5/2002

**Professional Employment**

Private Practice, Pediatric Endocrinology and Diabetes
Medical Director - Pediatric Diabetes Center of North Texas

Assistant Professor - Pediatric Endocrinology
University of Texas Health Science Center
Southwestern Medical School - Dallas, Texas 7/1994 – 6/1996

Clinical Staff Physician, Pediatric Endocrinology

Assistant Professor and Chief - Pediatric Endocrinology
Texas A & M University College of Medicine 7/1998 - 9/2001

3/13/2017
Scott & White Hospital System – Temple, Texas
Associate Professor - Pediatric Endocrinology 9/2001 – 8/2002
Texas A & M University College of Medicine
Scott & White Hospital System – Temple, Texas

Vice-Chair for Medical Education 9/2002 – 6/2008
Division Director, Department of Pediatrics,
Professor, Pediatrics/Pediatric Endocrinology (clinical) 3/2008 – 6/2008
University of Texas, Medical Branch, Galveston, Texas

Medical Director, Texas Medicaid/SCHIP Programs
Health and Human Services Commission, State of Texas 6/2008 - 1/2012

Medical Director 1/2012-9/2015
Vice-President, Clinical Affairs 9/2015-
Cook Children’s Health Plan, Cook Children’s Health Care System

Medical Director, Center for Children’s Health 9/2013 -
801 Seventh Avenue
Fort Worth, Texas 76104

Professional and Teaching Experience

Poster Session – Faculty Judge
“Our Discoveries. Your Health” University of North Texas Health Science Center, research
Appreciation Day
April 12th, 2013

Community Site Preceptor,
Masters of Health Administration Internship program,
Department of Health Management and Policy, School of Public Health,
University of North Texas Health Science Center
Fort Worth, Texas Candidate: Leon N. Nguyen 6/2012- 8/2012

Master’s in Public Health Professions Internship program,
Department of Health Management and Policy, School of Public Health,
University of North Texas Health Science Center
Fort Worth, Texas Candidate: Christine Cardinal 6/2013- 8/2013

Healthcare Administration Practicum
Concordia University
Austin, Texas Graduate Student: Annette McKay 9/2013 – 12/2013
Community Faculty,
Texas Department of State Health Service’s Preventive and Public Health Residency Program
Austin, Texas 2011-2012
Member, Residency Advisory Committee 2011-2012

Community Faculty Preceptor,
School of Public Health, University of Texas Health Sciences Center at Houston, Austin Regional Campus 2011-2012

Daeschner Professorship in Pediatrics (inaugural recipient) 2004-2008
Department of Pediatrics,
University of Texas, Medical Branch, Galveston, Texas

Pediatric Residency Program Director, 9/2002 – 6/2008
Department of Pediatrics,
University of Texas, Medical Branch, Galveston, Texas

Associate Program Director 7/2004 – 10/2007
Department of Pediatrics,
University of Texas, Medical Branch, Galveston, Texas

Department of Pediatrics,
University of Texas, Medical Branch, Galveston, Texas

Associate Clerkship Director, 9/2002 – 6/2008
Department of Pediatrics,
University of Texas, Medical Branch, Galveston, Texas

Department of Pediatrics, Division of Pediatric Endocrinology
University of Texas, Medical Branch, Galveston, Texas

Associate Professor - Pediatric Endocrinology (clinical) 9/2002 - 3/2008
Professor, Pediatrics/Pediatric Endocrinology (clinical) 3/2008 – 6/2008
Division Director 9/2002 - 11/2003
University of Texas, Medical Branch, Galveston, Texas
Clinical Professor WOS, Department of Pediatrics
University of Texas Medical Branch, Galveston, Texas 6/2008-

Director, Year 4 Medical Errors and Patient Safety in Health Care Basic Science & Humanities Selective
University of Texas, Medical Branch, School of Medicine

3/13/2017 4

University of Texas, Medical Branch, Galveston, Texas
Medical Director – Department of Pediatrics Subspecialty Clinics 9/2003 – 9/2005

University of Texas, Medical Branch, Health Care Systems
Galveston, Texas
Medical Director – Choice One Managed Care 9/2004 – 9/2005

Pediatric Residency Program Director,
Scott & White Hospital/Texas A&M College of Medicine 9/1999 – 7/2002

Pediatric Clerkship Director,
Texas A&M College of Medicine 9/1999 – 7/2002

Pediatric Risk Manager
Department of Pediatrics

Director of Pediatric Medical Education
Texas A & M University College of Medicine

Clinical Professor of Pediatrics, General Pediatrics Division
University of Texas Southwestern Medical Center
Dallas, Texas 2011-

Clinical Assistant Professor Pediatric Endocrinology
University of Texas Health Science Center
Southwestern Medical School - Dallas, Texas 9/1987 – 6/1994

Chairman - Institutional Review Board
Fort Worth/Cook Children’s Hospital – Forth Worth, Texas 7/1984 – 6/1986

Clinical Assistant Professor Pediatric Endocrinology
University of Texas Health Science Center
John Peter Smith Hospital - Forth Worth, Texas 7/1982 – 8/1987

**Teaching**

CME Course Director:
Pediatric Subspecialty for the Primary Care Provider,
February 5th–6th, 1999, Austin, Texas

CME Course Co-Director:
Pediatric Subspecialty for the Primary Care Provider,
February 4th-5th, 2000, Austin, Texas; February 2nd-3rd, 2001, Austin, Texas; February 15th-16th, 2002, Austin, Texas
Course Director:
TAMU Jurisprudence Course for 4th year Medical Students.
February 14th-18th, 2000, Temple, Texas; March 15th-16th, 2001, Temple, Texas;
March 7th-8th, 2002, Temple, Texas
Faculty Development Workshop, September 29th-30th, 2000, San Antonio, Texas;
April 6th-7th, 2001, Austin, Texas; April 5th, 2002, Salado, Texas;
Pediatrics Residency Program Resident Supervisory Workshop,
June 23rd, 2000, Temple, Texas; June 15th, 2001, Temple, Texas;
June 14th, 2002, Temple Texas; June 16th, 2003, Galveston, Texas;
June 18th, 2004, Galveston, Texas; June 10th, 2005, Galveston, Texas;
June 16th, 2006, Galveston, Texas; June 15th, 2007, Galveston, Texas;
Residents as Teachers Workshop,
January 17th and 31st, 2003, Galveston, Texas
Year 2 Endocrine & Reproduction Course Co-Director
October 2004-December 2007, UTMB, Galveston, Texas
Year 4 Medical Errors and Patient Safety in Health Care Selective Director
October 2006-December 2007, UTMB, Galveston, Texas
USC Innovations in Education Conference,
Planning Committee Member,
Pasadena, California February 28th-29th, 2004

A. Medical Students’ Core Curriculum:

Participating Instructor, Endocrinology and Human Reproductive Course; Medical Student Curriculum, University of Texas Health Science Center, Southwestern Medical School - Dallas, Texas 1994 - 1998

Presented “Consent Issues in Pediatrics” to fourth year medical students at Jurisprudence section course, Texas A&M College of Medicine. May 24, 1999


Presented “Diabetes in the New Millennium” to second year medical students at Pediatrics section course; October 20th, 1999, February 28th, 2001, Texas A&M College of Medicine.

Presented “Pediatrics Medico-Legal Issues” to fourth year medical students at Jurisprudence section course, February 14th, 2000, Texas A&M College of Medicine.

Presented “Communicating an Adverse Event: an Interactive Case Discussion” to fourth year medical students at Jurisprudence section course, February 16th, 2000, Texas A&M College of Medicine.
Presented “Legal Aspects of a Medical Ethics Consultation” to fourth year medical students at Jurisprudence section course, February 17th, 2000, Texas A&M College of Medicine.

Presented “Diabetes Mellitus” to Pediatric Clerkship third year medical students, February 7th, 2001, Texas A&M College of Medicine.

Presented “Insulin Dependent Diabetes Mellitus” to the Year II UTMB Medical Students as part of the Essentials of Endocrine and Reproduction Course, January 4th, 2006; January 3rd, 2007;

Presented “Growth and Growth Disorders” to the Year II UTMB Medical Students as part of the Essentials of Endocrine and Reproduction Course, January 9th, 2003; February 5th, 2004; January 28th, 2005; January 23rd, 2006; January 5th, 2007;

Presented “Adrenal Disorders” to the Year II UTMB Medical Students as part of the Essentials of Endocrine and Reproduction Course, February 11th, 2003; February 12th, 2004; January 25th, 2005; January 26th, 2006; January 26th, 2007;

Presented “Obesity and Type II Diabetes” to the Year II UTMB Medical Students as part of the Gastroenterology & Nutrition Course, September 26th, 2003; September 20th, 2005; September 22nd, 2006;

Presented “Early and late Puberty” to the Year II UTMB Medical Students as part of the Essentials of Endocrine and Reproduction Course, January 24th, 2006; January 25th, 2006; January 5th, 2007;

Presented “Obesity in the 21st Century” to the Year III UTMB Medical Students as part of the Pediatrics Clerkship Curriculum. Presented 33 times between June 2004 and January 2008.

Presented “Growth and Growth Disorders” to the Year III UTMB Medical Students as part of the Pediatrics Clerkship Curriculum, Presented 17 times between July 2005 and January 2008.

Year 2 Practice of Medicine Small Groups:

Pediatric Clerkship Problem Oriented Sessions:
Facilitator: 18 sessions July 2002 – June 2003;
13 sessions October 2003 – June 2004;
20 sessions March 2005 – January 2006
14 sessions May 2006 – January 2007
8 sessions May 2007 – December 2007

Essentials of Endocrinology and Reproduction Year II Course, UTMB Galveston
PBL Small Group Facilitator: 8 sessions January 2005 – February 2005;
14 sessions January 2006 – February 2006;
15 sessions January 2007 – February 2007;

Pediatric Clerkship/Year IV Electives Case Conferences:
Facilitator: 11/20/02; May 21st, 2003; July 9th, 2003; 08/25/06; 09/01/06; 09/11/06;

Clinical Vignettes/Student Debates:
Essentials of Endocrinology and Reproduction Year II Course, UTMB Galveston
Facilitator: 01/28/03; 01/30/03; 02/04/03; 02/06/03; 02/03/04; 02/01/05; 02/03/05;
01/31/06; 02/03/06; 02/07/06; 01/26/07;

Essentials of Endocrinology and Reproduction Year II Course, UTMB Galveston
Case Wrap-Up:
Presented: (Diabetes Mellitus) 01/29/03; 02/05/03; 02/03/04;
Presented: (Growth/Delayed Puberty) 01/31/05; 01/25/06;
Presented: (Thyroid) 02/07/05; 01/06/06;
Presented: (Polyglandular Failure Syndrome) 02/10/06;
Presented: (Diabetes Mellitus) 01/05/07;
Presented: (Growth/Pubertal Development) 01/10/07;
Presented: (Congenital Adrenal Hyperplasia) 01/31/07;
Presented: (Thyroid) 02/07/07;
Presented: (Polyglandular Failure Syndrome) 02/09/07

Course Review:
Facilitator: 01/18/06; 02/13/06; 01/17/07; 02/14/07; Endocrine Challenge (02/06/07,
02/08/07, 02/09/07)
PBL Case Development:
Hypothyroidism (2003); Congenital Adrenal Hyperplasia (2005);
McCune-Albright Syndrome (2005); Type II Diabetes Mellitus (2006);
Delayed/Early Puberty (2006); Medullary Thyroid Carcinoma/MEN Syndrome (2006);
Panhypopituitarism (2007);
Diabetes Mellitus (2008); Panhypopituitarism (2008);

Integrated Curriculum Evaluation Exercise:
U.T.M.B. Year IV Medical Students
Evaluator: 10/31/02; 10/02/03; 10/20/03; 09/30/04; 10/20/04; 12/16/04; 08/31/05;
10/20/05;

Pediatric Year IV Medical 7Selective Case Conferences:
Small group Facilitator: 12 sessions July 2006 – December 2006
21 sessions January 2007 – December 2008

Tutoring
Pediatrics Clerkship UTMB Galveston
Tutoring: 03/10/03; 03/17/03; 03/24/03;

Multidisciplinary Ambulatory Year III Clerkship O.S.C.E.
Station evaluator: 03/26/03

Year III Pediatric Clerkship O.S.C.E.
Station evaluator: 08/14/03; 06/17/04; 08/19/04; 03/03/05;

Year I Medical Student O.S.C.E.
Skills Evaluator: 10/27/04;

B. GME Residents’ Core Curriculum:

August 23rd, 1999: Presented “Ethical Issues in Pediatrics” to the Texas A&M/Scott & White Hospital Pediatric Residents as part of training curriculum. Repeated: December 6th and 13th, 1999; May 1st and 8th, 2000; May 13th, 2002;

August 8th, 2001: Presented “Risk Management in Pediatrics” to the Texas A&M/Scott & White Hospital Pediatric Residents as part of training curriculum.

December 17th, 2001: Presented “Cultural Competency in Health Care” to the Texas A&M/Scott & White Hospital Resident Housestaff as part of the GME Joint Conference series.

February 4th, 2002: Presented “Cultural Competency in Health Care: Hispanic Health” to the Texas A&M/Scott & White Hospital Resident Housestaff as part of the GME Joint Conference series.


April 6th, 2004: Presented “Pediatric Nutrition and Obesity” to the UTMB Pediatric Residents as part of the Year II Outpatient Clinic Block Curriculum.

Resident Noon Conference Core Curriculum
11/5/98 “IDDM”
01/7/99; 07/22/05; 08/18/06 “DKA”
03/4/99; 02/19/01; 03/20/06 “Hyperthyroidism”
05/6/99; 02/2/06 “Precocious Puberty”
11/4/99; 08/30/01 “Adrenal Insufficiency”
11/29/99 “Medical Malpractice”
02/16/00; 10/17/01; “Turner’s Syndrome”
05/4/00 “Type II Diabetes Mellitus”
09/22/00 “Long Term Management IDDM”
04/18/01 “Delayed Puberty”
08/8/01 “Risk Management”
09/11/01 “Clinical Ethics in Pediatrics”
11/01/01 “Cushing’s Syndrome”
11/13/01 “Post-Operative Diabetes Insipidus”
02/21/02; 12/18/06 “Growth and Growth Disorders”
01/28/2003 “Diabetic Ketoacidosis” (co-presenter)
10/20/2003 “Abnormal Growth and Growth Hormone Deficiency”
05/17/2004 “Metabolic Bone Diseases in Pediatrics”
08/18/2004 “Medical Errors and Duty Hours”
09/08/2004 “Hypoglycemia”
01/28/05 “Hypercortisolism in Pediatrics: Too much of a Good Thing”
02/28/05 “Hypocortisolism in Pediatrics: Not enough of a Good Thing”
08/16/05 “Case-Based Growth and Growth Disorders in Pediatrics”
09/09/05 “Outpatient Management of IDDM in Pediatrics”
09/21/06 “Insulin Dynamics and Pharmacokinetics”
05/21/07 “Delayed Puberty”
07/16/07 “Diabetic Ketoacidosis Diagnosis and Management”
07/19/07 “Medical Errors and Duty Hours”
12/17/07 “Hypothyroidism”

Attended:
24 conferences July 2001 - June 2002
5 conferences July 2002 - June 2003
2 conferences July 2003 - December 2003
3 conferences January 2004 - December 2004
1 conference January 2005 – December 2005

Pediatric Grand Rounds

Lecture (Solo):

02/24/99 Diabetes in the New Millennium Category I CME
08/25/99 Medicolegal Issues in Pediatrics Category I CME
01/03/01 Grave’s Disease that Wasn’t Category I CME
06/27/01 A Pediatrics Obesity Epidemic Category I CME
07/18/03; 08/18/06 Long Hours, Little Sleep: Are You Awake? Category I CME
11/14/03 Teaching from Medical Errors Category I CME
01/30/04 Cultural Competency: Hispanic Health Category I CME

Lecture (2 or more partners):
07/20/07    Rotation Goals and Objectives
09/14/07    Professionalism in Medical Education
12/07/07    Rotation Goals and Objectives II

12 Grand Rounds July 1999 – June 2000
12 Grand Rounds July 2002 – June 2003
22 Grand Rounds January 2004 – December 2004
16 Grand Rounds January 2005 – December 2005
23 Grand Rounds January 2006 – December 2006

Morbidity and Mortality/Clinical Pathologic Conference
Attended: 03/21/03; 08/01/03; 08/15/03; 12/05/03;

Problem-Based Learning
Presented “Problem-Based Case Learning” to the Pediatric Residents as part of training curriculum. 11/06/01; 11/19/01; 12/17/01; 01/30/02; 02/25/02; 10/10/02; 10/17/02;
10/31/02; 11/21/02; 02/06/03; 04/14/05; 05/05/05; 05/27/05; 06/07/05; 12/15/05;
03/09/06; 08/23/06; 11/15/06; 09/19/07; 08/10/07; 09/26/07;

Academic Resident Ward Rounds
Facilitator: 10/23/02; 11/05/02; 11/13/02; 01/15/03; 02/26/03; 03/26/03; 04/16/03;
05/2103; 06/18/03; 07/30/03; 08/27/03; 09/24/03; 10/22/03;

Resident as Teachers and Supervisory Workshop:
Presenter: 01/17/03; 01/31/03; 06/16/03; 06/18/04; 06/10/05; 06/16/06;

UTMB GME Managed Care Workshop:
Facilitator: 11/01/05

C. Other Lectures

03/1/99 “In-Hospital Care of IDDM patients” to the Floor RN’s (3 hours)
02/16/99 “Pediatric Endocrine Rounds” to the Pediatric Inpatient House Staff; 10/15/98;
12/15/98;
03/30/99 “Precocious Puberty” to the Pediatric Inpatient House Staff
01/19/99 “Stress Hyperglycemia” to the Pediatric Inpatient House Staff
11/17/98 “Stress Management of Adrenal Insufficiency” to the Pediatric Inpatient House Staff
11/5/98 “IDDM Management” to the Pediatric Inpatient House Staff

3/13/2017
05/16/2002 “Obesity Prevention and Management in Pediatrics” to the Family Practice resident and Senior Staff

D. Other Invited Professional Presentations

Presented: “Pediatric Endocrinology Board Review Course”
The Osler Institute, Atlanta, Georgia June 8th, 1999; September 18th, 1998; May 20th - 21st, 2001;
Chicago, Illinois, October 15th, 1999; October 11th- 12th, 2001;
Tampa, Florida, June 5th, 2000; May 21st – 22nd, 2002;

Presented “Growth & Growth Disorders” at the Myers Lectureship in Temple, Texas March 26th, 1999; ” to the S&W Waco Clinic Primary Care Physicians in Waco, Texas December 10th, 1998; at the Pediatric Subspecialty for the Primary Care Provider seminar in Austin, Texas February 5th, 1999; to the Pediatric Psychiatry fellows, Temple, Texas April 7th, 1999; ” at the 15th Family Medicine Review, Austin, Texas April 15th, 1999; to the Round Rock, Georgetown and North Austin Primary Care Providers in Round Rock, Texas March 14th, 2000;

Presented “Hyperprolactinemia” to the Waco Clinic Primary Care Physicians, Waco, Texas February 25th, 1999

Presented “Risk Management” to the Division Director’s Meeting, Temple, Texas, 1/19/99; 2/16/99; 3/16/99; 9/7/99;

Presented: “D.I.” to the S&W Waco Clinic Primary Care Physicians, Waco, Texas January 28th, 1999

Presented: “Overview on Precocious Puberty” to the Waco Clinic Primary Care Physicians, Waco, Texas November 12th, 1998; to the Pediatric Psychiatry fellows, Temple, Texas October 1998; to the Bryan/College Station Clinic Senior Pediatric Staff, College Station, Texas June 15th, 1999


Presented: “Type II Diabetes Mellitus” to the Waco Clinic Senior Staff Physicians, Waco, Texas March 25th, 1999
Presented: “ADD and Hyperthyroidism” to the Pediatric Psychiatry fellows, Temple, Texas October 1998

Presented: “Obesity and Type II Diabetes Mellitus” to the Bryan/College Station Clinic Senior Staff Pediatricians, College Station, Texas May 18th, 1999; “ to the S&W Round Rock Clinic Primary Care Physicians in Round Rock, Texas September 1st, 2000; at the S&W Pediatric Topics to regional school nurses Temple, Texas February 23rd, 2001; at the 17th Family Medicine Review, Austin, Texas April 12th, 2001; to the Round Rock Clinic Senior Staff, College Station, Texas April 13th, 2001; to the Bryan/College Station Clinic Senior Pediatric Staff, College Station, Texas April 17th, 2001; to the Waco Clinic Senior Pediatric Staff, College Station, Texas April 19th, 2001; “ at the Pediatric Faculty Forum, UTMB Galveston, Texas November 9th, 2001; at the Pediatric Subspecialty for the Primary Care Provider seminar in Austin, Texas February 15th, 2002; to the Family Practice residents and Senior Staff Temple, Texas May 16th, 2002;

Presented: “Cushing’s Syndrome in Pediatrics” to the Waco Clinic Senior Staff, Waco, Texas May 21st, 1999


Presented: “Newborn Screening for Congenital Hypothyroidism and Congenital Adrenal Hyperplasia: An Update” at the Issues in Pediatrics for the Primary Care Physician, Durango, Colorado July 14th and 15th, 1999; to the Bryan/College Station Clinic Senior Pediatric Staff and Nursing Staff College Station, Texas October 18th, 2001;

Presented: “Pediatric Endocrine Emergencies” at the Critical Care Conference at Scott & White, Temple, Texas August 13th, 1999

Presented: “Ambiguous Genitalia” to the Waco Clinic Senior Staff, Waco, Texas August 26th, 1999; to the College Station Clinic Senior Staff, College Station, Texas October 19th, 1999

Presented: “Insulin Adherence to I.V. Tubing” to the Pediatric Residents at Resident Journal Club, Temple, Texas, October 1st, 1999

Presented: “Redefining the Age at which Puberty is Precocious in Girls in the United States” to the Pediatric Residents at Resident Journal Club, Temple, Texas December 3rd, 1999

Presented: “Ethical Consultations in Pediatrics” to the Scott & White Pediatric Forum, Temple, Texas December 3rd, 1999
Presented: “Diabetes Phone Triage” to the S & W Waco Clinic Primary Care Physicians in Waco, Texas December 10th, 1998 and January 26th, 2000; to the S & W Bryan/College Station Clinic Primary Care Physicians in College Station, Texas February 28th, 2000; to the Bryan/College Station Clinic Senior Pediatric Staff, College Station, Texas August 17th, 2001;

Presented: “Documentation and Coding for the new Millennium” at the Pediatric Subspecialty for the Primary Care Provider seminar in Austin, Texas February 4th, 2000


Presented “Growth Hormone Therapy after Growth Ceases” to the S & W Bryan/College Station Clinic Primary Care Physicians in College Station, Texas March 27th, 2000

Presented “Hypoglycemia and Hypocalcemia in Pediatrics” to the S & W Waco Clinic Primary Care Physicians in Waco, Texas April 18th, 2000

Presented “Ethics Workshop in Pediatric Endocrinology” at the Growth and Growth Factors in Endocrinology and Metabolism Congress in Marrakech, Morocco April 6th–9th, 2000

Presented “Outpatient Treatment of mild D.K.A.” to the S&W Bryan/College Station Clinic Primary Care Physicians in College Station, Texas May 15th, 2000

Presented “Osler in Wonderland: Pediatrics Ethics in the Age of Managed Care” at the Texas Pediatric Society Annual Meeting in Dallas, Texas September 24th, 2000

Presented “The Ethics of Growth Hormone Use” at the Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas in South Padre, Texas October 12th-14th, 2000

Presented “Premature Thelarche” to the S&W Waco Clinic Primary Care Physicians in Waco, Texas November 15th, 2000

Presented “Vitamin D Deficient Rickets” to the S&W College Station Clinic Primary Care Physicians in College Station, Texas November 29th, 2000

Presented: “Asymptomatic Goiters in Children” to the Bryan/College Station Clinic Senior Pediatric Staff, College Station, Texas June 15th, 1999; to the Bryan/College Station Clinic Senior Pediatric Staff, College Station, Texas January 16th, 2001;

Presented: “Medullary Thyroid Carcinoma in Children” to the Round Rock Clinic Senior Staff, Round Rock, Texas March 2nd, 2001
Presented: “Update on Growth Hormone Therapy” to the S&W Pharmacy Staff, Temple, Texas March 1st, 2001

Presented: “Puberty and Pubertal Disorders” to the Pediatric Psychiatry fellows, Temple, Texas May 29th, 2001; to the Pediatric and Internal Medicine Endocrine faculty at Endocrine Grand Rounds, UTMG Galveston, October 12th, 2004;


Presented: “Juvenile Osteoporosis” to the Waco Clinic Senior, Waco, Texas August 26th, 2001

Presented: “Risk Managing your Practice” at the Texas Pediatric Society Annual Meeting and Seminar, Galveston, Texas September 22nd-23rd, 2001; Dallas, Texas September 9th-11th, 2004;

Presented: “Nasal Insulin Delivery” to the Bryan/College Station Clinic Senior Pediatric Staff and Nursing Staff, College Station, Texas December 18th, 2001


Presented “Adrenal Insufficiency in Pediatrics” to the S & W Waco Clinic Primary Care Physicians in Waco, Texas March 28th, 2002

Presented “The Legal Aspects of Practice” at the Texas Pediatric Society’s Annual Meeting Medical Student Session in Fort Worth, Texas September 28th, 2002; Dallas, Texas September 11th, 2004; September 16th, 2006;

Presented: “Risk Managing your Practice” at the Texas Pediatric Society Annual Meeting and Seminar, Medical Student Session, Fort Worth, Texas September 28th, 2002

Co-Presented “Undergraduate Medical Education” to the UTMB Pediatric Faculty at Friday Faculty Forum, Galveston, Texas January 10th, 2003

Presented “Graduate Medical Education: The Year in Review” to the UTMB Pediatric Faculty at Friday Faculty Forum, Galveston, Texas January 31st, 2003; June 25th, 2004; June 24th, 2005; July 21st, 2006; August 17th, 2007;

Presented “Subspecialty Training Requirements: An Update” to the UTMB Pediatric Faculty at Friday Faculty Forum, Galveston, Texas December 17th 2004;

Presented: “Choosing a Residency Program” at the Texas Pediatric Society Annual Meeting and Seminar, Medical Student Session, Galveston, Texas October 4th, 2003

Presented: “Overview of Pediatric Subspecialties” at the Texas Pediatric Society Annual Meeting and Seminar as part of a five member Subspecialty Physician Panel, Medical Student Session, Galveston, Texas October 4th, 2003

Co-Presented “On-Line Resident Evaluation” to the UTMB Pediatric Faculty at Friday Faculty Forum, Galveston, Texas October 24th, 2003

Presented: “Beyond the One-Minute Preceptor: Improving Learner Diagnostic Skills” at USC Innovations in Education Conference, Pasadena, California February 29th, 2004

Presented: “A Critical Skills Curriculum for Pediatric Residents” at USC Innovations in Education Conference, Pasadena, California February 29th, 2004


Presented: “Medicaid and SCHIP: An Overview” to the American Medical Student Association, UTMB-Galveston Chapter, Galveston, Texas October 20th, 2004: at the Annual Pediatric Review and Update Conference, Galveston, Texas June 19th, 2009

Presented: “Pediatric Subspecialties as a Career” to the UTMB-Pediatric Student Association, Galveston, Texas October 7th, 2004

Presented: “Teaching and Team Management: A Year 3 Resident Selective” at USC Innovations in Education Conference, Pasadena, California March 5th, 2005

Presented: “Slipped Capital Femoral Epiphysis in Growth Hormone Therapy: A Mini Morbidity & Mortality Conference” at the Annual PESTOLA Conference, Austin, Texas October 7th, 2005

Presented: “Growth Hormone Therapy in SGA Children” to the UTMB-Pediatrics Residents and Faculty, Galveston, Texas December 13th 2005; at the Bay Area Pediatrics Society Meeting, Webster, Texas May 24th, 2006; at the Beaumont-Port Arthur Pediatric Society, Beaumont, Texas February 27th, 2007;
Presented “New Pediatrics’ RRC Guidelines” to the UTMB Pediatric Faculty at Friday Faculty Forum, Galveston, Texas February 24th, 2006

Presented: “Growth Hormone Treatment in Obesity” at UTMB Annual Review and Update Conference, Galveston, Texas June 1st – 2nd, 2006

Presented: “Growth Hormone Therapy in Idiopathic Short Stature” at the annual PESTOLA Conference, San Antonio, Texas September 29th, 2007


Presented: “The Socialization of Obesity” to the UTMB American Medical Student Association, Galveston, Texas January 30th, 2007

Presented: “Hispanic Health” to the UTMB Frontera de Salud Medical Student Chapter, Galveston, Texas February 6th, 2007

Presented: “Health Care Reforms and Medicaid” at the 42nd Annual Haltalin Pediatrics for the Practitioner Conference, UT-Southwestern Medical Center/Children’s Medical Center, Richardson, Texas April 9th-10th, 2010


Presented: “Healthcare in America” to the first year class at the University of North Texas Health Science Center’s School of Physicians Assistants. Fort Worth, Texas April 16th, 2015.

Presented: “Parsimony in Pediatric Care: Is it Medically Necessary ?” at the University of North Texas Health Science Center Ethics Grand Rounds. Fort Worth, Texas September 30th, 2015.
Co-Presented “STAR Kids and Adult Care Transitions for Patients with Medical Complexity” at the Inaugural North Texas Care Transitions Conference, University of North Texas Health Sciences Center. Fort Worth, Texas February 16th, 2017

Co-Presented: “Obtaining a Medical History in Hispanics” to the UTMB Que Quiere Decir Medical Student Chapter, Galveston, Texas September 25th, 2007

Co-Presented “Towards an Innovative Core Curriculum for Residents in Pediatrics” to the UTMB Pediatric Faculty at Friday Faculty Forum, Galveston, Texas November 30th, 2007

Co-Presented “Healthy Children 2020: Community Health – Progress and Next Steps” to the Cook Children’s Health Care Services clinical staff at Tuesday Grand Rounds, Fort Worth, Texas October 9th, 2012

Participating Faculty/Panel Moderator, NIDDM in Minority Youth, University of Arizona Health Sciences Center, Tucson, Arizona, 1996

Participating Faculty, Early Hospital Discharge: Impact on Newborn Screening; Conference, Washington, D.C. (sponsored by The Council of Regional Networks for Genetic Services and the Maternal and Child Health Bureau, Health Resources and Services Administration, Department of Health and Human Services) 1995

Participating Faculty, Use of Needle Free Transjectors in IDDM, European Society of Pediatric Endocrinologists - Montpelier, France, 1996

Session Moderator, “Innovations in Pediatric Education”, Transforming Health Profession Education through Innovation, Los Angeles, California March 1st, 2003


Participating Faculty and Session Presenter, “Requiring Routine Second Testing in Newborn Screening” (protocol development, Association Public Health Laboratories meeting), Silver Spring, Maryland December 4th-5th, 2006.


Invited Panel Participant, UT Southwestern Division of Outcomes and Health Services Research, “The Supreme Court and the future of Health Care Reform: A Panel Discussion on the Affordable Care Act.” UT Southwestern Medical Center, Dallas, Texas July 11th, 2012.
University of North Texas Health Sciences Center, Fort Worth, Texas
February 8th, 2014
Invited MCO Panel Participant: “Collaborative Connections – Impacting Care”.
Texas 1115 Waiver Learning Collaborative.
Hurst Convention Center. Hurst, Texas
February 23rd, 2017

E. Lay Presentations


Presented: “Reflections on the last 30 years of Health Care” at Texas A&M/Scott & White Hospital Pediatrics Residency Training Program 2004 Graduation, Temple, Texas May 27th, 2004

Presented: “Obesity and Social Policy” to Texas’ Health and Human Services Commission, Public Assistance Benefits Review and Design Committee, Texas September 24, 2004

Co-Presented: “Compliance Challenges in Billing Medicaid and CHIP” to the UT Systems Compliance Officers and staff, Austin, Texas August 27th, 2009

Presented: “Clinical Guidelines and Medical Liability Risk” at the National Association of State Medicaid Directors/American Public Human Services Association Annual Conference. Arlington, Virginia November 9th, 2010

Presented: “Potentially Preventable Readmissions in In-Patient Care in Texas – Analysis and Results” at the National Association of State Medicaid Directors/American Public Human Services Association Annual Conference. Arlington, Virginia November 10th, 2010


Presented: “My Career Path -- It could be Yours !!!” to the University of North Texas Pediatrics Club student members, Fort Worth, Texas December 6th, 2012
Invited Panel Participant, Diversity Pipelines in Medical, Biomedical and Social Sciences. “Eliminating 21st Century Color Barriers.” University of North Texas Health Sciences Center, Fort Worth, Texas February 28th, 2013.

Presented: “Immunizations and Hispanic Wellness” to the Fort Worth Hispanic Chamber of Commerce. Cook Children’s Medical Center, Fort Worth, Texas February 14th, 2014.

F. Other Teaching Conferences (Attended)

Morning Report: (Attended)
- 8 Morning Reports July 2000 – June 2001
- 63 Morning Reports July 2001 – June 2002
- 71 Morning Reports July 2003 – December 2003
- 118 Morning Reports January 2004 – December 2004
- 120 Morning Reports January 2005 – December 2005
- 127 Morning Reports January 2006 – December 2006

Pediatric Case Conference: (Attended) 10/01/01; 11/05/01;

Resident Journal Club: (Attended)
- 7 Journal Clubs July 2001 – June 2002
- 7 Journal Clubs July 2003 – December 2003
- 19 Journal Clubs January 2004—December 2004
- 12 Journal Clubs January 2006 – December 2006

Resident Research Forum: (Attended) 04/03/03; 04/01/04; 03/31/05; 04/13/06; 03/29/07;

Combined Endocrine Conference: (Attended)
- 10 conferences July 2002 – June 2003
- 7 conferences July 2003 – December 2003
- 5 conferences January 2004 – December 2004
- 1 conference January 2005 – December 2005

Pediatric Endocrine Journal Club: (Attended) 01/29/03; 02/19/03; 03/19/03; 04/16/03; 07/16/03; 09/17/03;

Stark Diabetes Lecture Series: (Attended) 02/04/03; 04/01/03; 04/15/03; 05/20/03; 07/01/03; 09/02/03; 09/16/03; 05/18/04; 09/07/04; 11/02/04; 04/04/06; 08/15/06;

Faculty Forum: (Attended) H.I.P.A.A. May 16th, 2003;
- Consult Coding and RVUs 08/29/03;
Pediatric Endocrine Core Curriculum Case Conference: (Attended) 08/06/03; 09/03/03; 12/03/03; 02/04/04;
05/28/04; 06/25/04; 08/20/04; 09/17/04; 12/17/04;
06/24/05; 10/28/05; 12/16/05; 01/13/06; 01/20/06;
02/24/06; 03/24/06; 03/31/06; 07/21/06; 12/15/06;
01/05/07; 02/23/07; 03/02/07; 03/23/07; 08/17/07;

Pediatric Student Association Journal Club: (Attended) 02/23/06; 10/11/06; 01/12/07;
02/26/07; 09/11/07; 11/06/07;

G. Learner Supervision

Resident Continuity Clinic/Night Clinic
Date: August 28th, 2000 Time: 4hrs
September 6th, 2000 Time: 4hrs

Medical Student Clinic
Date: April 9th, 2001 Time: 4hrs

Faculty Advisor Forssman Osler Student Society 2006
Dates: October 30th, 2006; November 30th, 2006; February 22nd, 2007; June 14th, 2007;
July 6th, 2007; September 11th, 2007; December 4th, 2007;

Faculty Advisor MS IV
Three students 2001-2002
Two students (Aggie Alexander, Connie Wang) 2002-2003
Three students (Aggie Alexander-Hunt; Michelle Holick, Judy Chang) 2003-2004
Three students (Carla Gendron; Michelle Holick, Judy Chang) 2003-2004
Four students (Carla Gendron; Michelle Holick, Judy Chang, Jeanne Velasco) 2004-2005
Three students (Melanie Cree-Green; Sylvia Martinez; Jeanne Velasco) 2005-2006
Four students (Jeanne Velasco; Melanie Fields; Jennifer Valliere; Joanna McKey) 2006-2007

Junior Faculty:
Todd M. Poret, M.D.
Dartmouth Medical School
Lebanon, New Hampshire
2007-
Angela Mihalic, M.D.
U.T. Southwestern
Dallas, Texas
2006-
Susan K. Lovich, M.D., M.P.H.
Fairfax Hospital for Children’s
Falls Church, Virginia
2005-2007
Cassandra Pruitt M.D.
UTMB Children’s Hospital
Galveston, Texas
2003-
Ronald Coleman, M.D.
Private Pediatric Practice
Killeen, Texas
2002-

Pediatric Endocrine Electives (Residents/Students) - 1 Month each
March 1999; May 1999; June 1999; July 1999; August 1999; September 1999;
October 1999; November 1999; December 1999; January 2000; February 2000;
March 2000; April 2000; May 2000; July 2000; September 2000; October 2000;
November 2000; December 2000; January 2001; February 2001; July 2001; August 2001;
September 2001; November 2001; December 2001; January 2002; February 2002;
March 2002; March 2003; August 2003; September 2003; September 2005; October 2005;
August 2006; October 2006; June 2007; July 2007; September 2007; October 2007;
November 2007;

Public Policy and Health Care Financing UT-Southwestern School of Medicine Year 4
Elective - 2 weeks each
August 2009 (V. Ajmera); September/October 2009 (A. Flack, A. Alvarado);
February 2010 (S. Patel); May 2010 (A. Khuu); September/October 2010 (D. Furman,
H. Copeland); October/November 2010 (T. Griffith, B. Young); January 2011 (J. Variste,
M. McRaney); February 2011 (D. Buethe); March 2011 (d. Lucio); April 2011 (A. Dave);

H. Curricular Development

Community Population Health and Public Policy Curriculum, Third and
Fourth Year Medical Student research Elective,
Center for Children’s Health, Cook Children’s Health Care Services

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State of Texas Public Policy and Health Care Financing Practicum
School of Public Health University of Texas Health Sciences Center at Houston, Austin Regional Campus 2011

Public Policy and Health Care Financing Curriculum
UT-Southwestern School of Medicine Year 4 Elective 2009

Web-Based Curriculum for Professionalism in Pediatrics’ Residency Training
UTMB Department of Pediatrics’ Residency Training 2007

Medical Errors and Patient Safety in Health Care,
UTMB School of Medicine Year 4 Basic Science & Humanities Selective 2006

Combined Pediatrics/Dermatology Five Year training Program (first in US) 2004

Pediatric Residency Program, Teaching and Team Management Year 3 Selective 2004

Pediatric Residency Program, Toxicology/Pharmacology Year I Selective 2003

Pediatric Residency Program, Obesity Prevention and Management Curriculum 2002

Pediatric Residency Program, Problem-based Learning Curriculum for first year residents 2001

Pediatric Residency Program, Community Health Rotation Curriculum 2001

Pediatric Residency Program, Didactic Noon Conference Resident Lecture Series 2001

Pediatric Clerkship, Medical Student Case-based Lecture Series Revised 2000 2002

Pediatric Clerkship, Medical Student Case-based Lecture Series 1999

Pediatric Residency Program, Ethics Curriculum 1999

Pediatric Endocrinology, Resident Rotation Curriculum 1998

I. Awards

Excellence in Teaching, Children’s Medical Center Housestaff
UT Southwestern, Dallas, Texas 1988-1989

Excellence in Pre-Clinical Education (nominee)
UTMB, Galveston, Texas 2002-2003
Inaugural Member, UTMB Academy of Master Teachers 2007-

Member, University of Texas Academy of Health Science Education 2008-

Inaugural Presidential Professionalism Award for:
Niebuhr V, Khilnani N, Luk J and Gonzalez JL; "Professionalism in Pediatrics: Education and Development of Criteria for Use in Evaluating Resident and Faculty Professionalism", The University of Texas Medical Branch-Galveston’s First Annual Professionalism Summit, Galveston, Texas

J. Interviews

Resident Recruitment:
Dates: UTMB Residency Fair, September 4th, 2002; September 18th, 2003; September 1st, 2004;
Applicant Name: Interviewed 91 resident applicants
Date: from November 2002 through January 2003
Applicant Name: Interviewed 102 resident applicants
Date: from October 2003 through January 2004
Applicant Name: Interviewed 109 resident applicants
Date: from October 2004 through January 2005
Applicant Name: Interviewed 114 resident applicants
Date: from October 2005 through January 2006
Applicant Name: Interviewed 131 resident applicants
Date: from October 2006 through January 2007
Applicant Name: Interviewed 71 resident applicants
Date: from October 2007 through December 2007

Resident Recruitment:
Texas A&M College of Medicine, 8 applicants, Temple, Texas August 8th, 2003;
U.T. Southwestern, 12 applicants, Dallas, Texas August 25th, 2003;
U.T.M.B. 20 applicants, Galveston, Texas October 1st, 2003;
U.T. Houston 2 applicants, Houston, Texas October 28th, 2003
University of North Texas, College of Osteopathic Medicine 20 applicants, Fort Worth, Texas March 26th, 2004
LSU/Tulane Recruitment Fair, New Orleans, Louisiana, September 29th, 2004
American Medical Student Association, Southeast Region Recruitment Fair, Nashville, Tennessee, October 23rd, 2004
U.T.M.B. Residency Fair, Galveston, Texas May 9th, 2007;

Medical Student Applicant Interviews:
Dates: October 11th, 2002; November 1st, 2002; November 15th, 2002;
November 22nd, 2002 (X2); August 15th, 2003; August 29th, 2003 (x2);
September 5th, 2003; September 12th, 2003; September 19th, 2003; October 24th, 2003 (x2); December 17th, 2003; December 19th, 2003 (x2); August 13th, 2004; August 20th, 2004; September 3rd, 2004 (x2); September 17th, 2004; October 8th, 2004 (x2); October 29th, 2004; November 5th, 2004; December 8th, 2004; Applicant Name: Interviewed 12 UTMB School of Medicine applicants Date: from August 2005 through December 2005 Applicant Name: Interviewed 4 UTMB School of Medicine applicants Date: from August 2006 through December 2006 Applicant Name: Interviewed 4 UTMB School of Medicine applicants Date: from August 2007 through December 2007

Research/Scholarly Projects

Areas of interest include Growth and Growth Disorders, Obesity and Type II Diabetes and more recently, Innovative Educational Curricula and Learner Evaluation.

Investigator, National Cooperative Growth Study 1987 - 2000
Genentech Corporation Post Marketing Surveillance

Investigator, Kids International Growth Study 1997 - 2000
Pharmacia-Upjohn

Investigator, Novo-Nordisk Growth Hormone Registry 2003 - 2008

A. Posters

1st Author

Other Author
COMSEP: Innovations in Education Bloomfield, Colorado April 4th, 2003

Chen, HC & Gonzalez, JL: “A Recipe for an Educational Portfolio.”
Medical Student SIG, Pediatric Academic Societies Annual Meeting Seattle, Washington May 6th, 2003

Nelson, C & Gonzalez, JL: “A Proactive Web-Based Duty Hours Monitoring System.”
APPD Annual Meeting, San Francisco, California April 30th, 2004


Niebuhr V, Gonzalez JL and Beach P: “Web-Based Video Recorded Evaluations to Assess resident Competencies”, The University of Texas Academy of Health Science Education, 3rd Annual Conference in Innovations in Health Science Education, Austin, Texas October 5th – 6th, 2006;

Niebuhr V, Khilnani N, Luk J and Gonzalez JL; "Professionalism in Pediatrics: Education and Development of Criteria for Use in Evaluating Resident and Faculty Professionalism", The University of Texas Medical Branch-Galveston’s First Annual Professionalism Summit, Galveston, Texas October 2nd, 2007; UTMB Academy of Master Teachers Education Symposium, Galveston Texas May 16th, 2008


B. Abstract Presented

1st Author

Other Author

C. Manuscripts

1st Author
Non-peer reviewed

Gonzalez, J.L. and the AAP National Committee on Medical Liability and Risk Management: *What to do when an Auditor knocks on your Practice’s Door*. Pediatricians and the Law, American Academy of Pediatrics News 2013 (October); pp. 18.

Gonzalez, J.L. and the AAP National Committee on Medical Liability and Risk Management: *Can Clinical Practice Guidelines be considered the Standard of Care?*. Pediatricians and the Law, American Academy of Pediatrics News 2012 (September); pp. 34.

Gonzalez, J.L. and the AAP National Committee on Medical Liability and Risk Management: *Failure to Discontinue Prescriptions can lead to Adverse Events, Malpractice Suits*. Pediatricians and the Law, American Academy of Pediatrics News 2012 (July); pp. 14.

Gonzalez, J.L. and the AAP National Committee on Medical Liability and Risk Management: *Policy highlights Importance of Risk Management, Medical Liability Insurance for all Physicians*. Pediatricians and the Law, American Academy of Pediatrics News 2011 (September); pp. 22.


Austin, Texas 1993

Peer reviewed


Other Author

Non-peer reviewed

“Managing Diabetes: Part I Understanding Type II Diabetes” American Medical Association May 2000

“Managing Diabetes: Part II Treatment Issues in Type II Diabetes” American Medical Association September 2000

Peer reviewed


Therrell, B.L., Jr, Berenbaum, S.A., Prentice, L., Gonzalez, J.L. and Gunn, S.: *Results of Screening 1.9 Million Texas Newborns for 21-Hydroxylase-Deficient Congenital Adrenal..."


D. Book Chapters


E. Other

Workshops

Gonzalez, JL & Chen, HC: “To Portfolio or Not to Portfolio: A Workshop.”

Niebuhr V, Gonzalez J & Beach P: “Web-based VideoRecorded Evaluations to Assess Resident Competencies”
The University of Texas Academy of Health Science Education, 3rd Annual Conference on Innovations in Health Science Education, Austin, Texas October 5th-6th, 2006

Barone M, Mihalic A & Gonzalez J: “Teaching the Teachers How to Teach: Creating or Enhancing a "Residents as Teachers" Workshop at Your Institution”
COMSEP Annual Meeting: Mentoring the Medical Educator San Antonio, Texas March 9th-11th, 2007

Benjamin, J, Spector, N & Gonzalez J: “Turning to Residents and Fellows as Teachers: From Curricula to Evaluation”
APPD Annual Meeting: Professional Development Across All Levels of Residency Program Leadership”
Toronto, Canada May 2nd-5th, 2007

Editorial Board
Consultant and Content Reviewer, American Medical Association’s Diabetes CME Program Advisory Board 1999 – 2002
Content Reviewer, APA Educational Guidelines for Residency Training in General Pediatrics- Endocrine Section 2002
Manuscript Reviewer, Journal of the National Medical Association 2006
Manuscript Reviewer, Academic Pediatrics 2010

F. Grants
“National Cooperative Growth Study” Post-Marketing Surveillance Study and Grant, 10/98 to 3/01; 8/01 to 7/02; 10/02 till present

National Cooperative Growth Study Investigator’s Meeting, Participant, Chicago, Illinois October 17 - 20, 2002

“Kabi International Growth Study” Post-Marketing Surveillance Study and Grant, 2/99 to 7/02; 10/02 till present

Kabi International Growth Study Investigator’s Meeting, Participant, Orange County, California, December 3-4, 1998
Kabi International Growth Study Investigator’s Meeting, Participant, Ft. Myers, Florida December 9 -10, 1999

Kabi International Growth Study Investigator’s Meeting, Participant, Phoenix, Arizona November 9 -11, 2000

Kabi International Growth Study Investigator’s Meeting, Participant, October 4th-7th, 2000 Monte Carlo, Monaco


Kabi International Growth Study Investigator’s Meeting, Participant, Barcelona, Spain April 17 - 18, 2002


Kabi International Growth Study Investigator’s Meeting, Participant, Chicago, Illinois April 1 – 2, 2005

“Novo-Nordisk Growth Hormone Registry” Post-Marketing Surveillance Study and Grant, 2/03-2008

“A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, Parallel Study of the Efficacy and Safety of Metformin Hydrochloride for the Treatment of Adolescents with Type II Diabetes Mellitus” Clinical Research Study and Grant 4/99

“A Multi-Center, Randomized, Double-Blind, Placebo-Controlled Parallel Group Study of the Efficacy and Safety of Metformin Hydrochloride Titration for the control of Type II Diabetes Mellitus in Pediatric Subjects on Prior Metformin Therapy”, Clinical Research Study and Grant 7/99

Collaborator/Team Member, “Primary Care Residency Training in General Pediatrics: Web-Based Video Evaluations to Assess Resident Competencies”, Virginia Niebuhr, Ph.D. Principal Investigator U.S. Department of Health and Human Services, Health Resources and Services Administration, UTMB School of Medicine, Funded July, 2005 – June, 2008.

Co-Investigator, “ Primary Care Residency Training in General Pediatrics”, Virginia Niebuhr, Ph.D. Project Director, Health Resources and Services Administration (HRSA) (FRS 426180), UTMB grant #D58HP05120, $589,571 for July 2005-June 2008 (10% salary support)
Committee Responsibilities

A. National/State

Member, Gulf Coast Community Services Association Advisory Board 2004 - 2005

Member, Statewide Obesity Task Force 2001 - 2003
State of Texas, Texas Department of Health & Human Services

Member, Statewide Obesity Social Marketing Workgroup 2003 - 2004
State of Texas, Texas Department of Health & Human Services

Alternate Board Member, University of Texas, Medical Branch 2003 - 2005
State of Texas Joint Admission Medical Program (JAMP) (a School of Medicine Dean-appointed position)

Member, Governor’s Advisory Council on Physical Fitness 2002 - 2005
State of Texas

State of Texas, CHIP Medical Directors’ Committee 2004 - 2005

Advisory Board Member, Ethical, Legal and Social Implications 2002
of Genomic Technologies, Community Outreach and Education,
MD Anderson Center for Research on Environmental Disease

Member, Association of Pediatric Program Directors 2000-2008
Faculty Development Task Force 2001-2008
Resident Duty Hours Action Team 2002

Ex-Officio Member, Children’s Hospitals and Related Institutions of Texas 2001 - 2004
Alternate Member 2004 - 2007

Member, PPAC Advisory Committee 2001 - 2006
State of Texas, Texas Department of Health Medicaid Program

Member, Children with Special Health Care Needs Advisory Board, 2000 - 2004
State of Texas, Texas Department of Health & Human Services

Member, Council on Medical Student Education in Pediatrics 2000 - 2008
Faculty Development Workgroup 2002 - 2008
Member, C.H.I.P. Regional Advisory Board
State of Texas, Texas Department of Health 1999 - 2002

Member, Texas Pediatric Society
Legislation Committee, Texas Pediatric Society 1998 – 2005
Executive Committee on Legislation 2002 - 2005
Task Force on Childhood Obesity 2003 – 2005
Obesity Committee 2008 - 2010
School Health/Sports Medicine Committee 2001 - 2003
Continuing Medical Education Committee 2002 - 2005 2008 - 2011

Chair, Sub-Committee Residents’ Electronic Poster Exhibit Program 2004
Community Preceptorship Program Advisory Committee 2003 - 2008

Member, Advisory Board of Physician Consultants
Texas Newborn Screening Program, Texas Department of Health 1982 – 2012

Member, American Academy of Pediatrics National Committee on Medical Liability and Risk Management 2006 - 2012

Member, Texas Newborn Screening Performance Measures Program
Texas Newborn Screening Program, Texas Department of Health 2008 – 2011

Member Board of Directors, Texas Medical Home Initiative 2009- 2012

Member, Pharmacy and Therapeutics Committee,
Texas Association on Community Health Plans Consortium 2012-

Member, Advisory Board Center for Children’s Health
Fort Worth, Texas 2012-

Member, Committee on Medical Education (CME)
Cook Children’s Health Care System 2012
Fort Worth, Texas 2014-2016

Member, Graduate Medical Education (GME) Committee
Medical Education Advisory Committee 2012
Cook Children’s Health Care System 2014-2016
Fort Worth, Texas

Member, Texas Health Steps (THSteps) Advisory Panel
Austin, Texas 2016-
B. University

Graduate Medical Education Committee (GMEC) 2002-2008
GMEC Executive Committee 2002-2008

GMEC Education Subcommittee 2002 - 2004
Co-Chair 2004

GMEC Residents’ Essential Functions Policy Development Taskforce 2006

UTMB Search Committee, Department of Pediatrics Administrator 2004

President’s Core Committee for the Support of
Chairman 2006 - 2007

UTMB Diversity Council 2006 - 2007

UTMB HealthCare Systems – Credentialing Committee 2004 - 2005
Chairman 2004 - 2005

UTMB HealthCare Systems – Quality Improvement Committee 2004 - 2005

UTMB HealthCare Systems – Geriatric Quality Improvement Committee 2004 - 2005

UTMB Academy of Master Teachers (AMT) Development Workgroup 2005
  AMT Peer Review/Mentorship Team 2007 – 2008
  AMT Faculty Development Team 2007 - 2008

UTMB Faculty Compensation Plan Development Workgroup 2005

UTMB Search Committee, Chair of Ophthalmology 2005

UTMB GMEC Internal review Committee
  Internal Medicine – Endocrinology 2006
  Radiation Oncology 2007
  CardioThoracic Surgery 2007 - 2008

UTMB School of Medicine Faculty Senate 2006 - 2008

C. Departmental

Committee Chair –

Graduate Medical Education Committee 2002 - 2008
Undergraduate Medical Education Committee 2002 - 2003
Undergraduate Medical Education Executive Committee 2002 - 2003
Resident Recruitment Committee 2002 - 2008
Obesity Planning Task Force 2002 - 2004
Program Directors Committee 2003 - 2008
Resident Scholarly Projects Sub-Committee 2003 - 2004
Department of Pediatrics Marketing Task Force 2003 - 2004
Academic Fellowship Training Advisory Committee 2003 - 2008
Pediatric Faculty Recruitment Committee 2003 - 2005
Pediatrics Subspecialty Clinics Operations Committee 2003 - 2005
Pediatric Medical Education Council, Department of Pediatrics 1999 - 2002
Jurisprudence Committee 1999 - 2002

Committee Member –

Pediatric Leadership Executive Group 2002 - 2008
Resident Council 2002 - 2008
Division Directors Committee 2002 - 2008
Faculty Development Committee (ex-Officio) 2002 - 2008
Continuing Medical Education Committee 2003 - 2008
Research Advisory Committee (Ex-Officio) 2003 - 2004
Department of Pediatrics, Quality Management Committee 2003 - 2008
Department of Pediatrics Liaison Committee 2003 - 2005
Department of Pediatrics Hospital Operations Committee 2003 - 2008
Undergraduate Medical Education Committee 2003 - 2008
Undergraduate Medical Education Executive Committee 2003 - 2008
Resident Scholarly Projects Committee 2003 - 2008
Department of Pediatrics Marketing Task Force 2003 - 2005
Pediatrics Strategic Planning Committee 2005
Curriculum Review & Evaluation Workgroup (CREW) 2006 - 2008
Pediatric Endocrine Division Committee 2006 - 2008
Educational Council, Department of Pediatrics 1999 – 2002
Pediatrics’ Subspecialty Committee 1998 - 2002
Scott & White Department of Pediatrics Ad Hoc Future Planning Committee 1999
Scott & White Department of Pediatrics Ad Hoc Phone Committee 1999
Scott & White Department of Pediatrics Resident Council 1999 – 2002
Scott & White Department of Pediatrics CME Committee 1999 – 2002
Scott & White Department of Pediatrics Pediatric Research Oversight Committee, Ex-Officio Member 1999 – 2002

D. Medical School/Hospital

Committee Chair –
Scott & White Department of Pediatrics GME Recruitment Sub-Committee 2000 - 2002

Committee Member –
Area Medical Directors Committee 2003 - 2005
Excellence in Pre-Clinical Education Awards Selection Committee 2003 - 2004
Integrated Medical Curriculum Course Directors Committee 2004 – 2008
Emergency Medicine Clerkship Internal review Team 2007

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Year II Medical Student
Essentials of Endocrinology and Reproduction Planning Committee  2002 - 2008
Course Co-Director  2004 - 2008

AOA Glaser Distinguished Teacher Award Selection Committee  2003

U.T.M.B. Medical Student Policy Subcommittee  2003

U.T.M.B. School of Medicine Clinical Skills Assessment Subcommittee  2003 - 2004

GMEC, Scott & White Hospital  1999 - 2002

Ethics Committee, Scott & White Hospital  1999 - 2001

TAMU Medical Students’ Promotions Committee,
Texas A&M College of Medicine  1999 - 2002

TAMU Becoming a Clinician Curriculum Sub-Committee,
Texas A&M College of Medicine  2001 - 2002

Texas A&M AOA Committee
Texas A&M College of Medicine  2001 - 2002

Texas A&M Health Sciences Center Faculty Senate,
Texas A&M University  2002 - 2002

University of Texas Health Science Center, Admissions Committee
Southwestern Medical School - Dallas, Texas  1993 - 1995

Member, Residency Advisory Committee
Texas Department of State Health Service’s Preventive and
Public Health Residency Program
Austin, Texas  2011 - 2012

Cook Children’s Health Care System Patient Safety Committee  2012 –

Cook Children’s Health Care System Continuing Medical Education Committee  2012 -

Cook Children’s Health Care System Graduate Medical Education Advisory Committee  2013 –

Cook Children’s Health Care System, Cook Children’s Physician Network Clinical Excellence Committee  2012-
Faculty Advisor –
Cultural Competency Sub-Committee, Texas A&M Curriculum Committee 2001

E. Other

Member, Child and Maternal Health Committee,
Children’s Campaign for the Decade expert contributor 2003 - 2005
Texans Care for Children

Member, Board of Directors
Texas Health Care Network (a 501a Corp) 1997 - 1998

Member, Board of Directors
Camp Sweeney for Diabetic Children and Adolescents 1994 - 1997
Southwestern Diabetes Foundation 1997 - 2009

Member, Physicians Advisory Board
MediJect Needle Free Transjector Corporation 1994 - 1999

Member, Advisory Board, Juvenile Diabetes Foundation 1993 - 1998

Member, Dallas Pediatric Society
President 1990 - 1998
1992 - 1993

Member, Board of Directors, American Diabetes Association,
Dallas Chapter 1990 - 1991
Dallas-Fort Worth Chapter 2014 - 2015

Member, Board of Directors, Juvenile Diabetes Foundation,
Dallas Chapter 1990 - 1993

Member, Tarrant County Community Advisory Committee,
Texas Youth Council 1984 - 1987

Member, Forth Worth Genetics Advisory Committee 1983 - 1987

Member, Medical Advisory Committee, Southwestern Diabetes Foundation
Camp Sweeney for Diabetic Children and Adolescents 1983 - 2002
Chairman, Medical Advisory Committee 1994 - 1997

Member, Board of Directors, Texas Pediatric Society Foundation 2006 - 2015
Vice-Chair 2010 - 2012
Chair 2012 - 2014

Teaching Responsibilities University
Vice-Chair for Medical Education, Department of Pediatrics  
2002 – 2008

Director, Pediatrics Resident Training Program,  
Department of Pediatrics  
2002 – 2008

Associate Director, Pediatrics Clerkship, UTMB, Galveston  
2002 – 2008

Director, Pediatric Endocrinology, Fellowship Training Program,  
Department of Pediatrics  
2002 – 2008

Director, Pediatrics-Dermatology Combined Resident Training Program,  
Department of Pediatrics  
2004 – 2008

**Membership in Scientific Societies**

American Academy of Pediatrics
- AAP Representative, National Association of Pediatric Nurse Practitioners  
  Annual Conference Dallas, Texas  March 2004
- Member, National Committee on Medical Liability and Risk Management 2006 – 2012
- Member, Steering Committee on Quality Improvement and Management Patient  
  Safety Workgroup 2011- 2014
- Member, American Academy of Pediatrics Executive Committee Section of  
  Pediatric Endocrinology, 2014-

Texas Pediatric Society
- Legislation Executive Committee (2002-2004)
- Children’s Insurance Sub-Committee (2004)
- Child Advocacy Sub-Committee (Chair 2000-2001)
- Medical Education Committee (2002-2005; 2008-)
- Childhood Obesity Task Force (2003-2005)
- Committee on Childhood Obesity (2008- 2010)
- Community Preceptorship Program (2003- 2008)
- Resident Electronic Poster Program Subcommittee (Chair 2003-2004)
- Constitution and Bylaws Committee (2006 – 2009)

Texas Medical Association
- Council on Legislation Alternate

Lawson-Wilkins Pediatric Endocrine Society

American Medical Association

National Health Lawyers Association
- Committee on Legal Education

Association of Pediatric Program Directors
- Faculty Development Task Force (2001 – 20008)
- Resident Duty Hours Action Team (2002)
- Professional Growth Ad Hoc Committee (2007 – 2008)

Council on Medical Student Education in Pediatrics
- Faculty Development Task Force (2000 – 2008)

Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas
- Medical Education task Force (2009- present)

Texas Medical Foundation
- Member, Board of Directors (2006 – 2008)

**Board Certification**

Board Certified - American Board of Pediatrics 1981

Board Certified - American Board of Pediatrics
Sub-Board Pediatric Endocrinology and Diabetes 1983

State Bar of Texas 1998

**Licensure Information**

Texas License # F4846 1980 -

**Honors**

AOA Medical School Honor Society
Daeschner Professorship in Pediatrics (inaugural recipient 2004)
Faculty Advisor, Forssman Osler Student Society 2006

**Additional Information**

**A. Volunteer Camp Physician** –
Camp Sweeney for Diabetic Children and Adolescents 1983 – 2007
Camp Bluebonnet for Diabetic Children 2002

**B. Professional Development**

“Professionalism in Medicine”, February 22, 1999, Salado, Texas,
**4.5 Hours, Category 1**

“HCFA Medicare/Medicaid Training”, January 29, 1999, Temple, Texas,
**3 Hours, Category 1**

“Medline for the Practitioner”, November 20, 1998, Temple, Texas
**8 Hours, Category 1**
“Ethics in Legal Practice”, October 3, 1998, Austin Convention Center, Austin, Texas, **4 Hours, Category CLE**

“Physician Behavior that leads to Malpractice Claims”, October 19, 1998, Temple, Texas **1.5 Hours, Category 1**

“Principles of Medical Ethics: Avoiding Malpractice and Acting with Integrity”, May 17, 1999, Temple, Texas **3 Hours, Category 1**

“Communication Skills for Physicians and Other Health Care Professionals”, September 2nd, 1999, Atlanta, Georgia **6 Hours, Category CEU**

“History of Bioethics”, September 20th, 1999, Salado, Texas **5.5 Hours, Category 1**

“Ethics Consultation Workshop”, September 22nd, 1999, Scott & White Hospital, Temple, Texas

“Association of Pediatric Program Directors Workshop”, October 2nd, 1999, Tyson’s Corner, Virginia

“Research in Education”, December 6th, 1999, Scott & White Conference Center, Temple, Texas

“O.S.C.E. Workshop”, December 8th, 1999, Scott & White Inn, Temple, Texas

“Faculty Development Workshops”, January 21st, 2000; February 18th, 2000, Scott & White Conference Center, Temple, Texas **3 Hours, Category 1**

“Health Care Professional Training Seminar: Adolescent Sex Education”, February 24th, 2000 Scott & White Conference Center, Temple, Texas **3 Hours, Category 1**

“Mastering the Accreditation Process”, Accreditation Council for Graduate Medical Education, March 2nd-3rd, 2000 Chicago, Illinois **9.5 Hours, Category 1**

“Literature in Medicine: Narrative Ethics”, March 6th, 2000, Salado, Texas **5 Hours, Category 1**

“Faculty Development Workshop”, September 8th-10th, 2000 Pasadena, California **16.5 Hours, Category 1**
“Pediatric Issues Legislative Training Workshop” at the Texas Pediatric Society Annual Meeting, September 12th, 2000, Dallas, Texas

4 Hours, Category 1

“Faculty Development Workshop”, September 29th-30th, 2000, San Antonio Texas

7 Hours, Category 1

“Faculty Development Workshop”, October 20th-22nd, 2000 Pasadena, California

16.5 Hours, Category 1

“Personal versus Professional Values in Medicine”, November 13th, 2000 Salado, Texas

5 Hours, Category 1

“Faculty Development Workshop”, November 30th- December 3rd, 2000, Pasadena, California

16.5 Hours, Category 1

“Evidence-Based Medicine Workshop”, January 11th-12th, 2001, Temple, Texas

5 Hours, Category 1

“Faculty Development Workshop”, February 9th-11th, 2001 Pasadena, California

16.5 Hours, Category 1

“Memorable Patients: A Storytelling Workshop”, February 26th, 2001, Salado, Texas

3 Hours, Category 1

“Leading the Clerkship in Pediatrics”. COMSEP Annual Meeting, March 9th-13th, 2001 San Diego, California

6 Hours, Category 1

“Faculty Development Workshop”, March 30th- April 1st, 2001 Pasadena, California

16.5 Hours, Category 1

“Faculty Development Workshop”, April 6th-7th, 2001, Austin, Texas

7 Hours, Category 1

“Advances in Medical Education”, May 11th– May 13th, 2001 Pasadena, California

8 Hours, Category 1

“History of Medical Education”, May 14th, 2001 Salado, Texas

4 Hours, Category 1

“Competencies Evaluation Workshop” May 25th, 2001, Temple, Texas

4 Hours, Category 1
“Faculty Development Workshop”, September 7th-9th, 2001 Los Angeles, California
16 Hours, Category 1

“Faculty Development Workshop”, October 4th-7th, 2001 Los Angeles, California
16.5 Hours, Category 1

“Bioethics Lectureship”, October 29th, 2001, Temple, Texas,
1 Hour, Category 1

“Faculty Development Workshop”, November 30th - December 2nd, 2001
Los Angeles, California
16.5 Hours, Category 1

“Faculty Development Workshop”, January 31st - February 3rd, 2002,
Los Angeles, California
16.5 Hours, Category 1

“Building A Successful Program” A.C.G.M.E. February 28th – March 1st, 2002
Chicago, Illinois
11 Hours, Category 1

“Teaching Cultural Diversity & Cultural Sensitive Care” COMSEP
March 14th – 16th, 2002, Nashville, Tennessee
12 Hours, Category I

“Faculty Development Workshop”, March 21st – 24th, 2002 Los Angeles, California
16.5 Hours, Category 1

“New Approaches in Medical Education”, May 9th – 11th, 2002 Los Angeles, California
14.5 Hours, Category 1

“Ethics Journal Club”, U.T.M.B. Office of Educational Development
September 12th, 2002, November 14th, 2002; Galveston, Texas,

“Project Professionalism: An Evolution”, September 30th, 2002, Salado, Texas
4 Hours, Category 1

“Texas Pediatric Society Annual Meeting” Plenary Session, September 27th-29th, 2002,
Fort Worth, Texas
4 Hours, Category 1

“Web-Based Case Authoring Workshop”, Galveston, Texas, November 4th, 2002

7 Hours, Category 1

“Marketing and Strategic Planning in Health care”, Naples, Florida, December 3rd, 2002

7 Hours, Category 1

“Ethics Journal Club”, U.T.M.B. Office of Educational Development
September 12th, 2002, November 14th, 2002; Galveston, Texas,

“Project Professionalism: An Evolution”, September 30th, 2002, Salado, Texas
4 Hours, Category 1

“Texas Pediatric Society Annual Meeting” Plenary Session, September 27th-29th, 2002, Fort Worth, Texas
4 Hours, Category 1

7 Hours, Category 1

“Marketing and Strategic Planning in Health care”, Naples, Florida, December 3rd, 2002
7 Hours, Category 1

“Toward Evidence-Based Screening Guidelines for Diabetes Mellitus”, Galveston, Texas, February 4th, 2003
1 Hour, Category 1

“Curriculum Vitae Workshop”, Galveston, Texas, February 5th, 2003
“Integrating Information Technology into a Teaching Practice”, Galveston, Texas, February 8th, 2003;
4 Hours, Category 1

8 Hours, Category 1

“Innovations in Medical Education: Transforming Health Profession Education through Innovation”, Los Angeles, California, February 28th- March 2nd, 2003
14 Hours, Category 1

“ACGME: Initiatives in Graduate Medical Education”, Chicago, Illinois, March 6th-7th, 2003
11 Hours, Category 1

16 Hours, Category 1

3/13/2017

2 Hours, Category 1

“Management of Growth Hormone Therapy in Children Born Small for Gestational Age”
2 Hours, Category 1

“Lawson-Wilkins Pediatric Endocrine Society at the Pediatric Academic Societies
16.5 Hours, Category 1

“Humanities and Medicine Consultation: Ethical Issues in Cloning”, Salado, Texas, May 19th, 2003
2.5 Hours, Category 1

1 Hour, Category 1

“Annual Pediatric Review and Update”, Galveston, Texas, June 12th-13th, 2003
5 Hour, Category 1

“Type II Diabetes as a Family Affair”, Galveston, Texas, July 1st, 2003
1 Hour, Category 1

5.5 Hour, Category 1

7 Hour, Category 1

“Texas Pediatric Society Annual Meeting” Plenary Session, October 3rd- 4th, 2003,
Galveston, Texas
2.5 Hours, Category 1

“American Academy of Pediatrics Chapters Advocacy Summit”,
October 17th – 19th, 2003, Tempe, Arizona

24 Hours, Category 1

“Building Competency to Manage Diversity”, Galveston, Texas, January 20th, 2004
3 Hours, Category 1
“Scientific Writing for Clinical Research”, Galveston, Texas, January 29\textsuperscript{th}, 2004 
\textbf{1 Hour, Category 1}

“USC Innovations in Medical Education”, Pasadena, California, February 28\textsuperscript{th}-29\textsuperscript{th}, 2004 
\textbf{13 Hours, Category 1}

“COMSEP: Scholarship of Education”, Panama City, Florida, March 5\textsuperscript{th}-8\textsuperscript{th}, 2004 
\textbf{10.5 Hours, Category 1}

“Managing Physician Performance”, Las Vegas, Nevada, April 26\textsuperscript{th}-29\textsuperscript{th}, 2004 
\textbf{24 Hours, Category 1}

“Lawson-Wilkins Pediatric Endocrine Society Annual Conference”, San Francisco, California, April 30\textsuperscript{th}-May 3\textsuperscript{rd}, 2004 
\textbf{11.5 Hours, Category 1}

“Evaluating Faculty Professionalism”, Galveston, Texas, June 9\textsuperscript{th}, 2004 
\textbf{2 Hours, Category 1}

“UTMB Annual Review and Update Conference”, Galveston, Texas, June 10\textsuperscript{th}-11\textsuperscript{th}, 2004 
\textbf{0.5 Hours, Category 1}

“Texas Pediatric Society: Legislative Workshop”, Austin, Texas July 17\textsuperscript{th}, 2004

“Financial Decision Making”, Chicago, Illinois July 19\textsuperscript{th}-22\textsuperscript{nd}, 2004 
\textbf{24 Hours, Category 1}

“The Contribution of Religion to Bioethics”. Salado, Texas September 20\textsuperscript{th}, 2004 
\textbf{4 Hours, Category 1}

“Charting a Course for Change: Governor’s Conference on Children’s Obesity in Texas” Dallas, Texas September 22\textsuperscript{nd}, 2004

“Texas Pediatric Society 2004 Annual Meeting and Conference”, Dallas, Texas September 9\textsuperscript{th}-12\textsuperscript{th}, 2004 
\textbf{7.5 Hours, Category 1}

“Mentoring Workshop” U.T.M.B. Galveston, Texas September 17\textsuperscript{th}, 2004

“Diabetes Clinical Pathways”, Dallas, Texas October 1\textsuperscript{st}, 2004

“Pediatric Endocrine Society of Texas, Louisiana and Oklahoma Annual Meeting and Conference”, Dallas, Texas October 1\textsuperscript{st} - 2\textsuperscript{nd}, 2004 
\textbf{5.0 Hours, Category 1}
NCGS Pediatric Endocrinologists’ Investigators Meeting, Phoenix, Arizona
October 15th-17th, 2004

Innovations in Medical Education Symposium, The University of Texas System
Austin, Texas October 21st-22nd, 2004

“Promotoras de Salud: The Role of the Lay Educator in Community-Based Health Promotion”
Stark Diabetes Center Lecture Series, Galveston, Texas November 2nd, 2004
1.0 Hours, Category 1

Annual Austin-Galveston Clerkship Directors Conference, UTMB School of Medicine,
Austin, Texas February 11th, 2005

“USC Innovations in Medical Education”, Pasadena, California, March 4th-5th, 2005
3.5 Hours, Category 1

“A.C.P.E. Medical Management Tutorial”, Tampa, Florida, March 6th-10th, 2005
32 Hours, Category 1

“Texas Pediatric Society Annual Meeting”, Galveston, Texas September 30th, 2005
3 Hours, Category 1

“Innovations in Medical Education: Transforming Health Profession Education through Innovation”, March 5th, 2005, Pasadena, California
3.5 Hours, Category 1

“KIGS Annual Investigators’ Meeting”, April 1st-2nd, 2005, Chicago, Illinois

“COMSEP Annual Meeting: Encountering the Arts in Education”, April 8th-10th, 2005,
Greensboro, North Carolina
13.25 Hours, Category 1

9 Hours, Category 1

15.25 Hours, Category 1

“UTMB Advanced Facilitator Training Workshop”, May 25th, 2005, Galveston, Texas

“Annual Pediatric Review and Update”, June 17th, 2005, Galveston, Texas
3.25 Hours, Category 1
“Texas Pediatric Society Annual Meeting”, September 29th-October 2nd, 2005, Galveston, Texas
3 Hours, Category 1

“UTHSC - Innovations in Medical Education: Professionalism in Medicine”, October 6th, 2005, Austin, Texas

“PESTOLA Conference 2005”, October 7th-8th, 2005, Austin, Texas
6.5 Hours, Category 1

6 Hours, Category 1

“Creativity and Madness Conference”, American Institute of Medical Education, February 16th-19th, 2006, Santa Fe, New Mexico
10 Hours, Category 1

University of Miami Alumni Weekend CME Conference, March 2nd-4th, 2006 Miami, Florida

COMSEP: “Technology in Medical Education” March 16th-19th, 2006 Salt Lake City, Utah
13 Hours, Category 1

55th Annual UTMB Pediatric Review and Update, Galveston, Texas June 1st, 2006
5.5 Hours, Category 1

“First International Congress on Therapies against Obesity”, May 18th-19th, 2006, Paris, France
20 Hours, Category 1

AACE Annual Meeting, August 11th-13th, 2006 Galveston, Texas
5 Hours, Category 1

Texas Pediatric Society Annual Meeting, September 14th-17th, 2006 Dallas, Texas
4.0 Hours, Category 1

The University of Texas Academy of Health Science Education, 3rd Annual Conference on Innovations in Health Science Education Austin, Texas October 5th-6th, 2006

Bay Area Pediatric Society, ENT Presentation, November 15th, 2006 Clear Lake, Texas
1 Hour, Category 1

COMSEP Annual Meeting: Mentoring the Medical Educator March 9th-11th, 2007 San Antonio, Texas
10 Hours, Category 1
Medicine and Humanities Consultation, Texas A&M College of Medicine, “Current Issues in Advance Directive”,
Salado, Texas March 19th, 2007
4 Hours, Category 1

LWEPS Annual Meeting APPD Annual Meeting: Professional Development Across All Levels of Residency Program Leadership”
May 2nd-5th, 2007 Toronto, Canada
14 Hours, Category 1

Bay Area Pediatric Society “Pediatric Infectious Disease Potpourri”
May 15th, 2007
1 Hour, Category 1

UTMB 56th Annual Pediatric Review and Update
June 8th-9th, 2007 Galveston, Texas
6 Hours, Category 1

Texas Pediatric Society Annual Meeting and Conference
June 21st - 24th, 2007 San Antonio, Texas
6 Hours, Category 1

Diversity Training Workshop
July 25th- 26th, 2007, Galveston, Texas
12 Hours

PESTOLA Annual Conference,
San Antonio, Texas September 27th-29th, 2007

Regional Faculty and Educator Development Symposium: “The Challenges of Teaching Health Care Professionals in the 21st Century”
Cincinnati, Ohio October 5th-6th, 2007
6.5 Hours, Category I

UTMB Academy of Master Teachers Faculty Development Day
Galveston, Texas December 6th, 2007
1.75 Hours, Category I

Innovations in Medical Education: “Transforming Health Professions Education through Innovation”
Pasadena, California March 8th-9th, 2008
8 Hours, Category 1

“Using Medical Education to Address Health Disparities” COMSEP
April 2nd – 4th, 2008, Atlanta, Georgia
5.5 Hours, Category I

UTMB 56th Annual Pediatric Review and Update
June 6th-7th, 2008   Galveston, Texas

1.75 Hours, Category I

UTMB 57th Annual Pediatric Review and Update
June 19th, 2009   Galveston, Texas

2.0 Hours, Category I

UT-Southwestern Medical Center/Children’s Medical Center, 42nd Annual Haltalin Pediatrics for the Practitioner Conference,
April 9th-10th, 2010, Richardson, Texas

7.0 Hours, Category I

“Building Bridges: Improving Health through Program Integration”
Texas Department of State Health Services
June 15th-17th, 2010, Austin, Texas

5.5 Hours, Category I

Texas Pediatric Society Annual Meeting,
November 4th- 7th, 2010, San Antonio, Texas

8.5 Hours, Category I

Texas Department of State Health Services Grand Rounds,
April 8th, 2010 (Pandemic Flu Preparedness: Lessons Learned)
May 18th, 2010 (Quarantine: Historical and Futuristic Preparedness)
May 18th, 2011 (Cardiovascular Disease: An Equal Opportunity Killer)
April 13th, 2011 (How do you Evaluate the Evidence in Evidence-based Practices ?)
October 21st, 2010 (Ethical Dilemmas in Pediatrics)
November 16th, 2011 (Managing Life’s Transitions: Evidence-based Practices for Aging Adults)
September 18th, 2012 (Healthy Texas Babies: Prevention of Subsequently Preterm Delivery in High Risk OB Patients)
November 16th, 2012 (Integrated Behavioral Health and Primary Care: A Scientifically-Informed Pathway to the Future)
April 10th, 2013 (Advancing Equity in working to Eliminate Racial and Ethnic Disparities in Health)
Austin, Texas

4.5 Hours, Category I

Texas Pediatric Society Annual Meeting,
September 22nd - 25th, 2011, Sugarland, Texas

5.5 Hours, Category I

“Engaging Health Plans and Providers in Quality Improvement and Implementation Science”
Institute for Child Health Policy Quality Forum, University of Florida College of Medicine
February 23rd, 2011, Austin, Texas

3.0 Hours, Category 1

Eleventh Quality Colloquium at Harvard on Patient Safety, Quality Enhancement and Medical Error Reduction.

Texas Pediatric Society Annual Meeting,
September 13th - 16th, 2012, Plano, Texas

5.5 Hours, Category 1

“Brave New World of 2014 & Beyond” Health Plan Alliance, Spring Leadership Conference,
April 10th- 12th, 2013, Southlake, Texas

“Our Discoveries. Your Health” University of North Texas Health Science Center, Research Appreciation Day
April 12th, 2013

American Academy of Pediatrics National Conference and Exhibition,
October 26th - 29th, 2013, Orlando, Florida

8.25 Hours, Category 1

“Pediatric Endocrine Society of Texas, Louisiana and Oklahoma Annual Meeting and Conference”, Oklahoma City, Oklahoma January 24th – 25th, 2014

9.0 Hours, Category 1

University of North Texas Health Sciences Center, Fort Worth, Texas. February 8th, 2014

3.0 Hours, Category 1

“Texas Pediatric Society Annual Meeting”, September 18th - 21st, 2014, Dallas, Texas

6.25 Hours, Category 1

“Pediatric Endocrine Society of Texas, Louisiana and Oklahoma Annual Meeting and Conference”, Dallas, Texas January 23rd – 24th, 2014

10.0 Hours, Category 1

“Texas Pediatric Society Annual Meeting”, October 1st-4th, 2015, Sugarland, Texas

9.25 Hours, Category 1


3.75 Hours, Category 1
“Leadership in Population Health” at the American Association of Physician Leadership Fall Institute, November 14-15, 2015, Scottsdale, Arizona

14.0 Hours, Category 1
ZYGMUNT “KAROL” GRYCZYNSKI, PH.D.
Curriculum Vitae

PERSONAL DATA

Texas Christian University
Department of Physics and Astronomy
Fort Worth, Texas 76129
Tel: 817-257-4209

University of North Texas Health Science Center at Fort Worth
Department of Molecular Biology and Immunology
3500 Camp Bowie Boulevard
Fort Worth, Texas 76107-2699
Tel: 817-735-5471
FAX: 817-735-2118

Date and Place of Birth: December 10, 1958, Poland
Citizenship: USA, Polish
Married; two children

EDUCATION AND TRAINING

1982 M.S. University of Gdansk - Physics
1987 Ph.D. University of Gdansk, Institute of Experimental Physics – Spectroscopy
1989 Postdoctoral University of Maryland, Medical School, Dept. of Biochemistry and Molecular Biology – Protein Chemistry.

PROFESSIONAL EXPERIENCE - EMPLOYMENT

1982-1984 Teaching Assistant, Institute of Physics, University of Slupsk
1984-1986 Research Assistant, Institute of Experimental Physics, University of Gdansk
1987-1989 Assistant Professor, Institute of Physics, University of Slupsk
1989-1991 Research Associate, Department of Biological Chemistry, University of Maryland at Baltimore
1991-1999 Research Assistant Professor, Department of Biological Chemistry and Molecular Biology, School of Medicine, University of Maryland at Baltimore
1997-2004 Assistant Director, Center for Fluorescence Spectroscopy, Department of Biological Chemistry and Molecular Biology, University of Maryland at Baltimore
2000-2005 Associate Professor, Department of Biological Chemistry and Molecular Biology, School of Medicine, University of Maryland at Baltimore
2005- Professor, Department of Molecular Biology and Immunology, University of North Texas, Health Science Center, Fort Worth, Texas.
2005- Professor, Department of Cellular Biology and Genetics, University of North Texas, Health Science Center, Fort Worth, Texas.

2006- Director, Center for Commercialization of Fluorescence Technologies, Department of Molecular Biology and Immunology, University of North Texas, Health Science Center, Fort Worth, Texas.

2007- Adjunct Professor, University of Shimane, Matsue, Japan.

2009-2010 Adjunct Professor, Texas Christian University, Fort Worth, Texas.

2010- "Tex" Moncrief Jr. Chair, Professor, Department of Physics and Astronomy, Texas Christian University, Fort Worth, Texas.

2014- Visiting Professor, Department of Physics, University of Strathclyde, Glasgow, UK.

HONORS AND AWARDS

1991-1993 American Heart Association – Fellowship
1997-1998 University of Maryland, Special Research Initiative Award
2011 President’s Award for Research Excellence (UNTHSC)
2016 Polish Biophysical Society, Professor Shugar Medal.
2016 Deans’ Research Award (TCU)

TEACHING

I have taught undergrad, graduate students, medical students, and postgraduate professionals in the classroom setting and course setting with more than 1000 - hour lectures over the last 30 - year academic career. The subjects include Basic Physics, Spectroscopy, Protein Chemistry, Biochemistry, Fluorescence, Biomedical Imaging, Electrodynamics, and Optics. For last 6 years I am more actively involved in classroom teaching of undergrad students.

University Teaching - Last 15 Years

2014-2015 Physics II (Calculus Based) PHYS 20381
2014-present Optical Spectroscopy and Fluorescence PHYS 60823
2011-present Electromagnetic Radiation and Optics PHYS 40663
2009-present Biomedical Imaging PHYS 30483 and BIOL 30483
2007-present Cellular Science – UNTHSC-TCOM 9110
2006-present Cellular and Molecular Fluorescence UNTHSC BMSC 6020 (Course Director, 10 hours)
2006-present Modern Biomedical Technologies UNTHSC BMSC 5935
2006-present BMSC 5600
2009-present BMSC 6301 Principles of Biochemistry (Course Director) (8 hours)
2009-2010 UNTHSC Cellular and Molecular Fluorescence BMSC 5401 (Course Director)
1983-1985 Physics Laboratory I
1985-1989 Physics Course – Basics
1987-1989 Fundamentals of Physics and Spectroscopy of Atoms and Molecules
1999-2004 Fluorescence and Protein Dynamics. MBIC 701 Molecular Structure and Function in Biochemistry (University of Maryland);
1999-2004 Ultrafast Spectroscopy Instrumentation. Basic Operational Principles for Collaborators and Users. (University of Maryland)

National and International Courses

1997-2004 Short Course. Principles and Applications of Time-Resolved Fluorescence Spectroscopy (Organizer/Instructor). Baltimore, MD. (about 20 hours)
2006, 2009 FRET Microscopy Workshop, Keck Center for Cellular Imaging (Instructor), University of Virginia, March 2006, (6 hours).
2007, 2009 Short Course on Molecular and Cellular Fluorescence. (Organizer), Fort Worth, TX. (about 20 hours).

Academic advising activities (last 10 years):

a. Mentoring/Advising an undergraduate research (project).

   Thinh Nguyen - Magnetic Nanoparticles for Biomedical Imaging
   Hung Doan - Molecular Orientation in Polymer Films
   Dave Thompson – SurfacePlasmons
   Hana Jaafari – Fluorescence Dyes
   Boby Pendry – Optical Imaging of Brain

b. Major professor – graduate students

   Shashank Bahril 2005-2010. Development of Fluorescence Methods to Study RNA.
   Sangram Rout 2009-2013. Nanoparticles/nanoclusters
   Rahul Chib 2010-present
   Peter Marandos 2010-2011
   Dmytro Shumilov 2010 – 2014
   Joseph Kimball 2012 - 2015
   Hung Doan 2013-present
   Sunil Ajit Shah 2013-present
   Zhangatay Nurekeyev 2015-present
c. International graduate students advising (long term visits to the Lab – last 10 years)

Mr. A. Burnett, March-July 2006, Macquarie University, Sydney, Australia
Mr. S. Kildgar, Feb-Sept 2007, Aalborg University, Denmark
Mr. A. Kold, Apr-May 2009, Aalborg University, Denmark
Mr. T. Sorensen – March – April 2009, July 2009, University of Copenhagen, Denmark
Mr. A. Patsenker – July –August 2009, University of Kharkov, Ukraine.
Mr. E. Appicella – April-August 2010, CNR Napoli, Italy.
Marta Kempa – June 10 – July 25, 2013, Silesian University, Dept. of Physics, Poland.
Patrycja Kozub – June 10 – July 25, 2013, Silesian University, Dept. of Physics, Poland.
Ilkay Bora – December 2014 – April 2015; University of Copenhagen (Denmark)
Tomasz Lewandowski – June – August 2015; University of Gdansk (Poland)
Bernardina Scafuri – October - December 2015; University of Salerno (Italy)

d. Post-doctorate associates advising

Dr. G. Piszczek (1999-2002) – presently NIH
Dr. F. Castelone (1999-2001) – presently Bowling Green, OH
Dr. J. Malicka (2001-2005) - presently Alpharma, Maryland
Dr. E. Holder (2003-2004) – presently Belgium
Dr. J. Lukomska (2003-2005) - presently Cosmetic Company, Poland
Dr. R. Badugu (2002-2005) – presently University of Maryland
Dr. S. Makowiec (2004-2005) – presently Technical University Gdansk, Poland
Dr. W. Grudzinski (2004-2005)- presently University of Marie Curie-Sklodowska, Poland
Dr. J. Lukasiewicz (spring 2008) – University of Montreal, Canada
Dr. R. Luchowski (2007-2010), University of Marie Curie-Sklodowska, Poland
Dr. M. Szabelski (2007-2009), University of Gdansk, Poland
Dr. A. Parracino, March-June 2009. Aalborg University, Denmark
Dr. R. Fudala  2010-present
Dr. R. Rich  2011-2015
Dr. S. Raut  2014 - 2017
Dr. S. Requena  2016-present

e. Visiting senior scientists (last 10 years)

Dr. Ewa Goldys (June-Sept 2006) - Macquarie University, Sydney, Australia
Dr. Tania Shtoyko (June-Aug 2006, 2007, 2008) – University of Texas, Taylor
Dr. Iwona Buskiewicz (autumn 2006, 2007) – University of Vermont
Dr. Piotr Bojarski, (Feb 2007, Jan-Feb 2009) – University of Gdansk, Poland
Dr. Alexander Savitzky (winter 2007) – Moscow State University
Dr. Jeff Ballin (winter 2006, 2007) – University of Maryland, MD
Dr. Joerg Enderlein (winter 2006, 2007) – University Gettingen, Germany
Dr. Tino D’Auria – (summer 2007, summer 2010)- CNR Napoli, Italy
Dr. Krystyna Tomsia – (Feb-June 2007) - Macquarie University, Sydney, Australia
Dr. Alexander Siniev, (2007, 2008, two weeks), University of Texas, Galveston.
Dr. Hanna Grajek – (Aug-Oct 2007) - Warminsko-Mazurski University, Poland
Dr. Steffan Petersen (autumn 2007, 2009) – Aalborg University, Denmark
Dr. David Jameson (December 2007; 2008) – University of Hawaii
Dr. Eliot Elson (December 2007; 2008) – George Washington University
Dr. Ryszard Grygorczyk, (winter 2007, July 2009, December 2013, December, 2015) – University of Montreal, Canada
Dr. Wieslaw Gruszewski (winter 2008, spring 2009, summer 2010) – University of Marie Curie-Sklodowska, Poland
Dr. Bogdan Smyk (June-Sept 2008) - Warminsko-Mazurski University, Poland
Dr. Zeno Foldes-Papp (spring 2008, Winter 2009, April 2013) – Gratz University, Austria
Dr. Bo Laursen – April 2009, University of Copenhagen, Denmark
Dr. Antonietta Paracino – March – May 2009, University of Aalborg, Denmark
Dr. Valeria Trusova (Oct –Dec 2009), University of Kharkov, Ukraine
Dr. M. Mathi, 2010, (one month), UMDNJ, NJ.
Dr. Jaetae Seo, Hampton University, Department of Physics. August 10-August 18, 2013
Dr. Yasuhisa Fujita, University of Shimane, Japan. September 17- September 19, 2013
Dr. David Birch, University of Strathclyde, Dept. of Physics, Glasgow, UK, February 21 - March 12, 2014.
Dr. Beata Grobelna, 2011, October 2014, Department of Chemistry, University of Gdansk, Poland
Dr. Alina Dudkowiak, June/July 2014, Institute of Physics, Poznań University of Technology, Poland
Dr. José Martínez Oyanedel, September 2014; April 2016, Departamento de Bioquímica y Biología Molecular, Universidad de Concepción, Casilla, Chile.
Dr. Martinez Gomez, Autonomous University of the State of Mexico, Laboratory of Neuroscience, Mexico. January 17- February 21, 2015.
Dr. Bartłomiej Cichy, July/August 2015, Department of Nanotechnology, Polish Academy of Science, Wrocław, Poland.
Dr. Qiaogiao Ruan, Abbott Diagnostics Division, Chicago, September 17-18, 2015.
Dr. Zbigniew Darzynkiewicz, September 2015, Department of Biophysics, University of Warsaw, Poland
Dr. Michael Tuvim, The University of Texas MD Anderson Cancer Center, May 18- May 20, 2016.
Dr. Micheline Bejjani, American University in Dubai, July 10 – July 25, 2016.

SCHOLARLY ACTIVITY

Bibliography

a. Refereed Publications (h-index: 46; over 9,000 citations)


252. Long lived BSA Au clusters as a time gated intensity imaging probe. SL Raut, LP Jameson, NW Smith, Z Gryczynski, SV Dzyuba, RSC Advances 5 (25), 19508-19511


239. Two photon induced luminescence of BSA protected gold clusters. (2013) Raut, S. L., Shumilov, D., Chib, R., Rich, R.,
240. Detection of hyaluronidase activity using fluorescein labeled hyaluronic acid and Fluorescence Correlation
241. Imaging exocytosis of ATP-containing vesicles with TIRF microscopy in lung epithelial A549 cells. (2012) Akopova, I.,
244. Increased Levels of Nuclear Factor kB and Fos-Related Antigen 1 in Lung Tissues From Patients With Acute
245. Metal enhanced fluorescence of Me-ADOTA.Cl dye by silver triangular nanoprisms on a gold film. (2012) Folmar, M.,
PMID: 21639576


182. Förster resonance energy transfer (FRET)-based picosecond lifetime reference for instrument response evaluation. Szabelski M., Luchowski R., Gryczynski I.


186. Fluorescence Lifetime of Actin in the Familial Hypertrophic Cardiomyopathy Transgenic Heart (dagger). Mettikolla P, Gryczynski I.


189. Depolarized light scattering from colloidal gold nanoparticles. Drozdowicz-Tomsia, K., Xie, F., Calander, N., Gryczynski, I., Gryczynski Z.


120. Intensified Fluorescence. Radiative decay engineering uses metal particles to enhance fluorescence, suggesting myriad new applications in biotechnology and chemistry, J. R. Lakowicz, I. Gryczynski, Y. Shen, J. Malicka, and Z.


b. Book chapters


c. 

**Book Edited**

Edited 15 books

**Last 3 years:**


d. 

**Not Peer-reviewed and Poster Presentations.**

Over 100.

e. 

**Patents**


Nanoparticles as Luminescent Probes. US Patent # 6,660,379.


Nano-scale dielectrophoretic SPCE biosensor. Invention disclosure to UNTHSC 2009.

Polarization standards for microscopy. Invention disclosure to UNTHSC 2009.

Self assembled colloidal structures. Invention disclosure to UNTHSC 2009.


Multi-Pulse Pumping for Enhanced Fluorescence Detection and Molecular Imaging in Cells and Tissue.  
Invention disclosure to TCU/UNTHSC 2013.

**Interactions with other Institutions:**
Over 20 Institution in active collaboration

**Interactions with Industries/Companies**

- Pharmaseq, PA – 2006-present
- Varian Inc. – 2006-2009
- Corrinova, TX – 2007
- EncorVisioon, TX – 2007-present
- PicoQuant, Berlin, Germany – 2006-present
- ISS Inc., Champagn, IL – 2003-present
- SETA BioMedicals, Urbana IL – 2007-present
- EncoVision, TX – 2007-present
- PicoQuant, Berlin, Germany – 2006-present
- ISS Inc., Champagn, IL – 2003-present
- SETA BioMedicals, Urbana IL – 2007-present
- EncoVision, TX – 2007-present
- Ohm Scientific, Dallas, TX – 2006-present
- Revalasio Inc., Tacoma, WA -2014-2016

**f. Grants and Contracts – funded in last 10 years for a total of over $6,000,000**

Detection of Protein Binding and Protein Conformational Changes by SPCE, BITC/NSF (P.I.). ($100,000). 2005-2009

Engineering Peptide-based Biomaterials, (P.I. Yu, Y. B Univ. of Utah), NIH R01 EB004416, (Subcontract to Z.G. ~ $98,000). 2004-2010

Mechanisms Directing Oncoprotein and Cytokine mRNA Decay. NIH NCI (R01-CA102428) (G. Wilson, PI) (Role Co.PI Subcontract) ($56,000). 2007-2009


Waveguide Assisted SPCE Microscope- A Novel Method to Study Conformational Dynamics. IRBD, NSF. (P.I.) ($560,000). 2007-2010

EncorVision. Characterize of one and two photon photolysis and biological activation of derivatives of lipoic acid (BHC-L), Company Contract ($50,000). 2008-2009

Mechanisms Directing Oncoprotein and Cytokine mRNA Decay (R01-CA 102428) (PI G. Wilson) 2009-2014

Ribosome-based Single Molecule Method to Acquire Sequence Data from Genomes (R01 HG004364) (Mandecki, PI). Subcontract to I. Gryczynski. 2008-2010

Use of Silver Nanostructures on Microtransponders in an Ultra-Sensitive Assay (R43CA132547) (Mandecki, PI). Subcontract to I. Gryczynski. 2009-2010

Single Cross-Bridge Kinetics in Transgenic Mouse Hearts Expressing FHC Mutations (1R01HL090786) (Borejdo, PI). 2009-2014

Ratiometric SPCE Detection of miRNA (R41 EB008614) (Gryczynski, I PI); $100,000. 2009-2011

Sturt-up Fund. TCU; $750,000, 2010-2012

Multi-modal optical spectroscopy and imaging to intra-operatively detect positive cancer margins for prostatectomy, DoD (H. Liu PI, Subcontract ~$78,000). 2009-2011

Nanophotonic Approach to Imaging Exocytosis NIH 1R21CA149897-01 ($334,000), 2010-2012

Novel Fluorophores for Molecular and Cellular Imaging –NIH 1R01EB012003, ($1,600,000), 2011-2015

Engineering Resonance Energy Transfer for Advanced Immunoassays. NSF CBET 1264608 I. Gryczynski (PI), 2013- 2016

Nanophotonic Approach to Cancer Activity Detection - Simple Device for Melanoma Detection (TCU INFOR $20,000), 2014.

Fluorescence Studies of RNS60, Revalesio. ($52,120), 2014-2015


Fluorescence Studies of RNS60, Revalesio. ($60,120), 2015-2016.

Acquisition of new laser system. Laser System to Power New Small Animal Imager at TCU. $81,000, 2016

g. Invited Seminars

i. Local and State

Quest for Higher Sensitivity in Fluorescence Based Detection. Department of Physics, University of Texas, Arlington, TX. April 6, 2016.

Fluorescent Probes and Technologies for Real-Time Studies of Viscoelastic Properties of Mucins in Cellular Microenvironments. Department of Pulmonary Medicine, University of Texas MD Anderson Cancer Center. Houston, TX, February 9, 2016

Fluorescence - From Glowing Phenomenon – To - Cutting Edge Diagnostic Technology. January 22, 2016. Special presentation at Perot Museum, Dallas, TX.
Quest for Higher Sensitivity in Fluorescence Based Detection. Department of Chemistry, UNT, Denton, April 24, 2015.


Nanophotonics and Biomedical Diagnostics. Zygmunt (Karol) Gryczynski. Dept. of Physics, University of North Texas, April 2012, Denton.


New Directions in Fluorescence Based Imaging. Southwestern University, Dallas, April 20, 2010

Nanophotonics Platforms for Biomedical Applications Toward Single Molecule Immunoassay, Cell Biology, UNTHSC. February, 2008

Nanophotonics Platforms for Biomedical Applications. Dep. Of Chemical Engineering, Texas A&M. College Station, TX, October 14, 2007.


Nanophotonics Platforms for Biomedical Applications, University of Texas, Dallas, October, 2007.


ii. National


Plasmonics in Fluorescence and Microscopy. 3rd Annual Course on Principles of Fluorescence Techniques. April, 2011. Chicago, IL

Plasmonic Approach to Study Biological Processes. Single Molecule and Lifetime Measurements Workshop, April 19 -21, 2010, BNL.

Plasmonics in Fluorescence and Microscopy. 3rd Annual Course on Principles of Fluorescence Techniques. April 5, 2010. Chicago, IL

Plasmonics in Fluorescence and Microscopy. 2nd Annual Course on Principles of Fluorescence Techniques. April 10, 2009. Chicago, IL

Novel Applications of Fluorescence Spectroscopy From Microscopy to Tissue Imaging. Dept. of Engineering, University of California, Davis, January 19, 2008

Plasmonics in Fluorescence and Microscopy. 1st Annual Course on Principles of Fluorescence Techniques. April 11, 2008. Chicago, IL


Surface Plasmon-Coupled Emission – Novel Approach to Study Biomolecular Processes. Biophysics Resource in the Structural Biophysics Laboratory, Center for Cancer Research, National Cancer Institute at Frederick, Frederick MD. July 2004


**iii. International**


Fluorescence Probes Development – New Directions, Institute of Physics, Technical University of Poznan, Poznan, Poland, June 7, 2014.


Novel Probes and Approaches for Biomedical Diagnostics. Department of Physics, Maria Curie-Sklodowska University, Lublin, Poland, June 18, 2014.


Fluorescence Technology for Studying Molecular Interactions in Biological Systems. Jan Kochanowski University, June 3, Kielce, Poland.

Plasmonics in Fluorescence and Microscopy. Jan Kochanowski University, June 3, Kielce, Poland.


Analytical Applications of Fluorescence. 11th European Short Course on Principles & Applications of Time-Resolved Fluorescence Spectroscopy. Berlin, Germany, November 2013.


Detecting Molecular Interactions at Distances Larger than 100 Å. Application of FRET to Study Dynamics of Annexin II Complexing with Plasminogens. Zygmunt Gryczynski. 6th Wroclaw-Prague Seminar on Biophysics of Lipids 7th - 10th October 2012, Wroclaw, Poland.

Developing Nanophotonics Probes for Biomedical Diagnostics Zygmunt (Karol) Gryczynski. 6th International Symposium on Nanomedicine (ISNM2012), November 29 -December 1, 2012, Shimane, Japan.

Novel Probes for Ultrasensitive Diagnostics. 8th International Weber Symposium on Innovative Fluorescence Methodologies in Biochemistry and Medicine, June, 2011. Kauai, HI

**NanoPhotonic and Plasmonic Approach to Study Biological Processes.** Multifunctional Nanoscale Materials for the 21st Century; Argonne National Laboratory, 6 March 2009

**Data Analysis for Time-Resolved Fluorescence.** FRET Microscopy Workshop; Charlottesville, VA; 4 March 2009

**Localized Surface Plasmons: Biomedical Applications of Metal Enhanced Fluorescence.** FRET Microscopy Workshop; Charlottesville, VA; 4 March 2009

**Nanophotonic Approach to Single Molecule Detection Detecting and Monitoring Single Antibody.** Single Molecule Spectroscopy and Imaging. SPIE BIOS; San Jose, CA; 23 January, 2009

**Fluorescence Standards for Time-Resolved Fluorescence Spectroscopy and Microscopy.** Multiphoton Microscopy in the Biomedical Sciences; SPIE BIOS; San Jose, CA; 24 January, 2009

**Nanophotonic Approach to Single Molecule Detection Detecting and Monitoring Single Antibody.** Single Molecule and Lifetime Measurements Workshop; UC Davis; Sacramento, CA January 2009


**Surface Plasmon Assisted Microscopy (SPAM) and Single Molecule Detection.** 4th Wroclaw-Prague Seminar on Biophysics of Lipids. October 23-25, 2008. Wroclaw, Poland

**Plasmon Enhanced Fluorescence for Biomedical Applications.** 7th International Weber Symposium on Innovative Fluorescence Methodologies in Biochemistry and Medicine, June 6-12, 2008. Kauai, HI


**Single Molecule Immunoassay - Nanophotonic Approach.** University of California, Sacramento, January 18, 2008

**Nanophotonics Platforms for Biomedical Applications.** University of Shimane, Izumao City, Japan. December 20, 2007.

**Surface Plasmon Assisted Microscopy (SPAM) New Way to Study Molecular Dynamics.** Taichung, Taiwan. December 16, 2007.

**Nanoplsmonic Platforms for Bioassays.** International Symposium on Biophotonics, Nanophotonics, and Metamaterials, Hanghzou, China, October 2006.

**Surface Plasmon Coupled Emission Emerging Tool to Study Conformational Processes on the Level of Single Molecule.** Dept. of Chemistry, Chinese Academy of Science, Beijing, China, October 2006.

**Plasmon Enhanced Fluorescence; Ultrasensitive Detection and Biomedical Applications.** Biophotonics in Australia, Macquarie University, Sydney, Australia, February 2006.


**Basic Definitions and Principles of Fluorescence.** Time-Resolved Phenomena. Biophotonics 2005, National Yang- Ming University, Taipei, October 1, 2005


SERVICE

Committee Service

University:
1. MD School Research Committee, 2015-, TCU
2. Academic Appeals Committee, 2014-present, TCU
3. Pre-Health Professions Institute, 2013-present, TCU
4. Promotion and Tenure Committee – Department of Physics and Astronomy, TCU, 2014-present
5. TCOM Admission Committee (Team 3), 2007-2010, UNT TCOM
6. Graduate Programs Committee, UNTHSC, Fort Worth, 2006-present
8. Promotion and Tenure Committee – 2008-2010, Department of Molecular Biology and Immunology, UNTHSC
9. Faculty Grievance and Appeal Committee – UNTHSC, 2009-2010

**National and International:**

2. Organizing Committee for Regional Meeting. MetroCo, IEEE Meeting, 2012-present
3. Editorial Board for Methods in Applications in Fluorescence from 2012-present
4. Institute of Physics, Methods in Applications in Fluorescence, Committee Member 2012-present
6. The International Society for Optical Engineering – (SPIE), 1990-present
7. SPIE BiOS - Executive Organizing Committee, 2007-present.

**Grant Review Committees**

From 2005-2009 I was a standing member of NIH review panel MEDI. After finishing my tenure I regularly serve at 4-6 NIH grant review panels every year plus NSF, and other institutional panels.

**In last 3 years:**
1. NIH ZRG1 SBIB-Z (03), 03/02/2017
2. NIH DP1 Pioneer Award, January 2017
3. NIH ZRG1 DTCS-A (81)01/18/2017
4. NIH Director’s New Innovator Award (PD2), December 2016
5. NIH ZRG1 DTCS-A (81) 10/20/2016, Bethesda, MD.
6. NIH ZRG1 BMIT-B 09/23/2016 (mail), San Francisco, CA.
7. NIH ZRG1 BMIT-B 06/09/2016, San Diego, CA.
8. NIH ZRG1 DTCS-A (81) 02/24/2016
9. NIH – ZRG1 MOSS-R (56) R
10. NIH - ZRG1 DTCS-A (81) S 06/18/2015, Bethesda, MD.
12. NIH - ZRG1 SBIB D30 03/19/2015.
13. Foundation for Polish Science - Review Panel 11/10/2015, Warsaw, Poland
14. NIH - ZRG1 DTCS-A (81) S 06/18/2014.
16. NIH - ZRG1 SBIB D30 03/19/2014.
17. Other - Pancreatic Cancer UK (mail reviewer)
18. NIH - CMIP/SBIB-W(59), 6-7 October 2014, Alexandria, VA.
19. NIH - SBIB-D 57, 8 October 2014, NIH Rockledge II, Bethesda, MD.
20. Foundation for Polish Science

Community service

Special Presentation at Perot Museum, Dallas, TX. January 22, 2016. Fluorescence - From Glowing Phenomenon – To - Cutting Edge Diagnostic Technology.
Society for the Advancement of Chicanos and Native Americans in Science (SACNAS), October 2009.
Math & Science AKAdemy for 5th and 6th grade girls organized by: Beta Mu Omega Chapter of Alpha Kappa Alpha Sorority, Inc. March 2009
Science Fair – UNTHSC, October 2009
Science Fair – UNTHSC, February 2009
Science Fair – UNTHSC, February 2008
Co-Chair, Award Committee, Young Investigator Award SPIE, Photonic West, 2006-present.

PROFESSIONAL SOCIETIES

1. Memberships

The International Society for Optical Engineering (SPIE)

Society of Experimental Biology and Medicine
2. **Offices held**
   None
James Russell Haden, M.D.

Current Address
1000 College Ave
Fort Worth, Texas  76104
(817) 336-8855 – Office
(817) 336-4228 -- Fax
(214) 574-4414 -- Home
(214) 636-2152 -- Mobile
E-Mail: RussHaden@yahoo.com

CERTIFICATION

2001  Texas State Medical License - #L0234
2002  Diplomate, American Board of Internal Medicine
2004  Diplomate, American Board of Allergy and Immunology

HOSPITAL AFFILIATIONS

Harris Methodist (Downtown, Southwest, Northwest)
Baylor All-Saints (Downtown and Cityview)
Cook Children’s

EDUCATION

1994 - 1998  University of Texas Health Science Center San Antonio
            M.D.  May 1998
1992 - 1994  Texas Christian University
            B.S.  Biology - magna cum laude
1990 - 1992  Louisiana State University

EMPLOYMENT

2004 – Current  Allergy & Asthma Clinic of Fort Worth / Haden Allergy
2002 - 2004  Fellow: Allergy and Immunology - UT Southwestern
2001 - 2002  Hospitalist - IPC (In Patient Consultants) Dallas, Texas
2000 - 2004  Investigator - AARA Research Center, Dallas, Texas
2000 –2001  Internal Medicine Chief Resident – St. Paul University Medical Center at
            UT Southwestern Medical Center, Dallas, Texas
2000  Clinical Medicine Instructor – UT Southwestern Medical School
1999 - 2000  Internal Medicine Resident - St. Paul University Medical Center at
            UT Southwestern Medical Center, Dallas, Texas
1998 - 1999  Internal Medicine PGY-1 - UT Health Science Center, San
            Antonio, Texas - University Hospital and Audie L. Murphy VA
            Hospital
1993 - 1994  Physics Teaching Assistant - TCU
1992 (Summer)  Mountaineering Guide - Sawatch Mountain Range, Colorado
1991 - 1992  Biology Teaching and Laboratory Assistant - LSU

AWARDS & HONORS

2006-Current  Fort Worth Magazine “Top Doc”
2001  Lilly Pharmaceuticals Critical Care Resident of the Year
2000  Chief Resident Internal Medicine – St. Paul University Medical Center at UT Southwestern Medical Center
2000  Outstanding Resident – Teaching award - UT Southwestern Medical School / Parkland Hospital
2000  Radiology Award – St. Paul Medical Center – Based on “Case of the Week”
2000  Regional Presentation Award – American College of Physicians for presentation titled “Re-expansion Pulmonary Edema”
1994  Dean’s Scholarship - UT Health Science Center
1993  Phi Beta Kappa - TCU

RESEARCH ACTIVITY

1) Efficacy and Safety of Combination Loratidine/Montelukast QD vs Its Components in the Treatment of Subjects With Seasonal Allergic Rhinitis
2) A Multicenter, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effect of L-858674 in Patients with Seasonal Allergic Rhinitis - A pilot Study During the Fall Season
3) Efficacy and Safety of Two Formulations of SCH 483 5/240 mg, Compared to Desloratidine 5 mg and Pseudoephedrine 240mg QD Sustained Release, in the Treatment of Subjects With Seasonal Allergic Rhinitis
4) A Phase 3 Study to Determine the Efficacy and Safety of C1-Inhibitor (Human) Vapor Heated, Immuno in Subjects with Hereditary Angioedema
5) Phase II Safety and Efficacy Study of Daily Dosing with Nebulized Recombinant Human IL-4 Receptor in Asthma
6) A Multicenter, Double blind, Randomized Parallel-Group Study Investigating the Clinical Effect of Montelukast in Patients with Seasonal Allergic Rhinitis - Spring 2001 Study
7) Chronic-Dose Comparison of the Efficacy and Safety of Albuterol-HFA-MDI (Salamol), Albuterol-HFA-BOI (Salamol Easi-Breathe) and Proventil HFA in Mild-to-Moderate Asthmatics
8) Pilot Study to Investigate the Efficacy and Safety of a Combination of Deslorotadine 5mg QD Plus Pseudoephedrine 120 mg Sustained Release vs. A Combination of Lorotadine 10 mg Plus Pseudoephedrine 240 mg QD Sustained Release vs. Placebo in Subjects with Seasonal Allergic Rhinitis
9) A Phase II, Randomized, Placebo-controlled, Double-Blinded, Parallel Group, Dose Finding Study to Evaluate the Effectiveness of 28 Days of Treatment with LDP-977 in Adult Asthmatics
10) Efficacy and Safety of Mometasone Furoate Dry Powder Inhaler in the Treatment of Patients with Chronic Obstructive Pulmonary Disease
11) A Multicenter, Randomized, Controlled, Open-label Study to Evaluate the Safety of Xolair in Moderate to Severe Persistent Asthma Subjects Already Treated with Other Therapies (ALTO)
12) A Multicenter, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effect of Montelukast in Patients with Seasonal Allergic Rhinitis – Spring 2001 Study
13) Bronchodilation Bioequivalence Study of Albuterol-HFA-MDI and Proventil HFA
14) Safety and Efficacy Study of Olopatadine Nasal Spray Vehicle in the Prevention of Symptoms of Seasonal Allergic Rhinitis with Azelastine HCL Nasal Spray 0.1% (Astelin) as a Reference Standard
15) A Pilot Study of the Effect of Desloratidine on Nasal Congestion in a Subject of Subjects with Seasonal Allergic Rhinitis
16) A Study of Norastemizole QD in Pediatric Subjects with Perennial Allergic Rhinitis/Seasonal Allergic Rhinitis
17) An Efficacy and Safety Study of Levabuterol, Racemic Albuterol and Placebo in Subjects Twelve Years of Age and Older with Asthma
18) A Double-Blind, Placebo-Controlled Study of the Effect of Desloratidine in Subjects with Perennial Allergic Rhinitis
19) 12 Weeks Treatment with 125ug Roflumilast versus 250ug Roflumilast versus Placebo in Patients with Asthma
20) A Multicenter, Open-label, Long-Term Safety Study of Ciclesonide 100ug/Day to 400ug/Day (ex-valve) Metered Dose Inhaler Administered Once Daily for the Treatment of Mild to Moderate Persistent Asthma in Adolescents and Adults
22) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, 12-Week Trial Evaluating the Efficacy and Safety of the Fluticasone Propionate/Salmeterol DISKUS Combination Product 250/50mcg Once Daily Versus Fluticasone Propionate/Salmeterol DISKUS 100/50mcg Twice Daily Fluticasone Propionate DISKUS 250mcg Once Daily Versus Placebo in Symptomatic Adolescent and Adult Subjects with Asthma That is Not Controlled on Short-Acting Beta2-Agonists Alone
23) A Double-Blind, randomized, placebo-controlled, multi-center, Phase II study with five parallel groups, comparing the efficacy and safety of oral efleterizine immediate release (IR) 7mg, 10mg, and 15mg tablets administered twice a day ond oral efleterizine extended release (ER) 35mg tablets administered once a day in the morning for two weeks versus placebo in subjects suffering from seasonal allergic rhinitis
24) A Multicenter, Randomized, Double-blind, Placebo-Controlled Study of the efficacy and Safety of Zyrtec-D 12 hour Versus Placebo in Patients with Seasonal Allergic Rhinitis and Concomitant Mild to Moderate Asthma
25) A Twelve-week, Randomized, Double-Blind, Double-Dummy, Placebo-Controlled Trial of SYMBOICORT® (80/4.5mcg) Versus its Mono-Products (Budesonide and Formeterol) in Children (>= 6 years of age) and Adults with Asthma
26) A Double-Blind, Placebo-Controlled Study of the Effect of Desloratidine in Subjects with Perennial Allergic Rhinitis
27) A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel Group Study Investigating the Clinical Effects of Montelukast in Patients with Perennial Allergic Rhinitis
28) A Multicenter, Double-Blind, Randomized, Parallel groups Versus Placebo-controllerd Study to Assess the Efficacy and Safety of Fexofenadine 120mg BID in Subjects with Mild to Moderate Persistent Asthma
29) A Multicenter, Open-label, Randomized, Parallel Groups Study to Assess the Long Term Safety Performance of Fexofenadine Compared to Montelukast in Subjects with Asthma
30) A two-stage, ascending-four-dose-group, placebo-controlled study to assess the efficacy and tolerability of DX-88 (recombinant plasma kallikrein inhibitor) administered following onset of acute attacks of hereditary angioedema, followed by dose confirmation
31) A twelve-week, randomized, double-blind, double-dummy, placebo-controlled trial of SYMBOICORT® (80/4.5mcg) versus its mono-products (budesonide and formeterol) in children (>= 6 years of age) and adults with asthma
32) Comparative randomized study of safety and immunogenicity of a non-adjuvanted respiratory syncytial virus (RSV) vaccine versus and RSV vaccine aduvanted with aluminum phosphate when administered concomitantly with a licensed influenza vaccine in high-risk adults >= 65 years of age
33) A multicenter, double-blind, randomized, parallel study comparing the efficacy and safety of fexofenadine 120mg bid, fexofenadine 240mg qd, and placebo in subjects with perennial allergic rhinitis
34) A randomized, double-blind, placebo-controlled, parallel-group, 12-week trial evaluating the efficacy and safety of the fluticasone propionate/salmeterol disku combination product 250/50 mcg once daily versus fluticasone propionate disku 250mcg once daily versus placebo in symptomatic adolescent and adult subjects with asthma that is not controlled on short acting beta2 agonists alone
35) A double-blind, placebo and active controlled, parallel group study of tecastemizole administered to subjects with seasonal allergic rhinitis
36) An efficacy and safety study of levalbuterol, racemic albuterol and placebo in subjects twelve years of age and older with asthma
37) A randomized, double-blind, placebo-controlled trial of astelin® nasal spray (azelastine hydrochloride), clarinex® (desloratidine), and astelin nasal spray plus claritin (loratidine) in patients with seasonal allergic rhinitis
38) Twelve weeks treatment with 125mcg roflumilast versus 250mcg roflumilast versus placebo in patients with asthma
39) A placebo and active controlled efficacy and safety study of a once-daily fixed combination tablet of desloratidine 5mg/pseudoephedrine 120mg (sch 483 [5/120]) in subjects with seasonal allergic rhinitis
40) Edema 2: Evaluation of DX-88’s Effects in Mitigating Angioedema, An Open Label Study to Assess the Efficacy and Tolerability of Repeated Doses of DX-88 (recombinant plasma kallikrein inhibitor in Patients with Hereditary Angioedema
41) A Multicenter, Randomized, Double-blinded, Parallel Group, 40-week Comparison of Asthma Control using Bronchial Hyperresponsiveness as an Additional Guide to Long-term Treatment in Adolescents and Adults Receiving either Fluticasone Propionate DISKUS BID (or placebo BID if asymptomatic)
42) A Randomized, Double-Blind, Placebo-Controlled Trial of Astelin® (azelastine hydrochloride) Nasal Spray 137 mcg at a Dosage of One Spray per Nostril Twice Daily in Patients With Seasonal Allergic Rhinitis
43) A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study Investigating the Clinical Effects of Montelukast on Allergic Rhinitis in Patients with Seasonal Allergic Rhinitis and Chronic Asthma
44) A Multicenter, Double-blinded, Randomized, Parallel Group, Study Investigating the Clinical Effect of L-00088839 in Patients with Seasonal Allergic Rhinitis – a Pilot Study During the Fall Season
45) A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study Investigating the Clinical Effects of Montelukast in Patients with Perennial Allergic Rhinitis
46) A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase 3 Clinical Trial to Assess the Long Term (one year) Safety of Ciclesonide, Applied as a Nasal Spray (200 ug, once daily) in the Treatment of Perennial Allergic Rhinitis (PAR) in Patients 12 Years and Older
47) A Multi-Center, Multinational, Randomized, Double-Blind, Parallel Group Study of the Effects of Ciclesonide HFA-MDI 640 ug/day on Lens Opacification in Adult Subjects with Moderate to Severe Persistent Asthma

PUBLICATIONS


JR Haden and DA Khan. **Remission of Alcohol Anaphylactoid Reaction.** J All Clin Imm 111;2 S98


PRESENTATIONS

Eosinophilic Gastroenteropathies - Allergy & Immunology Conference – UT Southwestern / Parkland / Children’s Medical Center Dallas, 2003
Pre and Perinatal Factors in the Development of Atopy - Allergy & Immunology Conference – UT Southwestern / Parkland / Children’s Medical Center Dallas, 2003
Remission of Anaphylactoid Reaction to Alcohol – American Academy of Allergy Asthma and Immunology annual meeting, Denver, Colorado 2003
Anaphylactoid Reaction to Celecoxib – American College of Allergy, Asthma, & Immunology annual meeting, San Antonio, Texas 2002
Pets, Allergies, and Asthma – Allergy & Immunology Conference – UT Southwestern / Parkland / Children’s Medical Center Dallas, 2002
Stem Cell Transplant for Non-Neoplastic Disease – Tumor Conference, St Paul Medical Center, 2000
Atherosclerosis and Infection: An Update on Current Literature - Grand Rounds, St. Paul Medical Center, 2000
Imaging in the Diagnosis of Pulmonary Embolism - Grand Rounds and Radiology Training Conference, St. Paul Medical Center, 2000
Re-expansion Pulmonary Edema - American College of Physicians Regional Conference, UT Southwestern Medical Center, 2000
Bronchioloalveolar Carcinoma: Pathophysiology, Diagnosis, and Management - Tumor Conference, St. Paul Medical Center, 1999
Infective Endocarditis: Etiology and Diagnosis - Grand Rounds, St. Paul Medical Center, 1999
Dissiminated Intravascular Coagulation - Teaching Conference for ICU Nursing Fellows, St. Paul Medical Center
Complications of Radiocontrast Agents - Morbidity and Mortality Teaching Conference, St. Paul Medical Center, 2000
Enteral Feeding in the ICU - ICU Teaching Conference, St. Paul Medical Center, 1999
Anaphylaxis: Etiology & Management - ICU Teaching Conference, St Paul Medical Center, 2000
Neuromuscular Blocking Agents in the Critically Ill - ICU Teaching Conference, St Paul Medical Center, 2001
Toxic Epidermal Necrolysis: Etiology and Management - ICU Teaching Conference, St Paul Medical Center, 2001

TEACHING EXPERIENCE

UT Southwestern Clinical Instructor - Received “Outstanding Resident” Award in competition with Parkland and St. Paul residents.
Chief Resident for Internal Medicine - St. Paul Medical Center
Physics Teaching Assistant - Texas Christian University
Biology Laboratory Teaching Assistant - Louisiana State University

EXTRACURRICULAR

2004 - current Tarrant County Medical Society
2002 – Present American College of Allergy, Asthma and Immunology
2001 – Present American Academy of Allergy, Asthma and Immunology
2002 – Present Joint Council of Allergy, Asthma and Immunology
2002 – Present Texas Allergy, Asthma and Immunology Society
1999 – 2004 Dallas County Medical Society
1994 - Present Texas Medical Association
Catherine Riddel Harrell, M.D.
Email: catherineharrell12@gmail.com

EDUCATION
University of Texas Medical School at Houston
Houston, Texas
MD, May 2010

Baylor University, 2002-2006
Waco, Texas
B.A., University Scholars Program, 2006
Graduated Magna Cum Laude

RESIDENCY TRAINING
University of Texas Medical School at Houston and MD Anderson, Department of Dermatology
Dermatology Resident
Houston, Texas
July 2011- June 2014

University of Texas Medical School at Houston, Department of Internal Medicine
Prelim Internship in Internal Medicine
Houston, Texas
July 2010-June 2011

WORK EXPERIENCE
Trinity Vista Dermatology
Fort Worth, TX
Medical, surgical, and cosmetic dermatologist
May 2016- current

Advanced Dermatology & Skin Care
Pearland & Sugar Land, TX
January 2015-May 2016

Bay Oaks Dermatology
Clear Lake & Baytown, TX
July 2014-Dec 2015

LEADERSHIP ROLES
American Academy of Dermatology Advisory Board Member
2015-current

Reference Committee Member
2017-current

Texas Dermatological Society Board Member
TDS Delegate to the AAD Advisory Board
2015-current

American Academy of Dermatology Association Legislative Meeting
Washington, D.C.
September 2014, 2015, 2016

Regular guest lecturer to the UT Houston Residency Program

Chief Resident, UT Houston/MD Anderson Dermatology Residency Program
2013-2014

HONORS
Mensa
Alpha Omega Alpha Medical Honor Society
Phi Beta Kappa Honor Society, Baylor University Chapter

BOARD CERTIFICATION
American Board of Dermatology
July 2010

RESEARCH
AND PUBLICATIONS


POSTER PRESENTATIONS


2nd Place Winner.

Harrell C, Bangert C. Porphyria Cutanea Tarda: A scleroderma mimicker and a couple’s coincidence. Texas Dermatologic Society Fall 2013 Meeting

Vernali M, Lapolla W, Geddes E, Riddel C, Singh L, Hebert A. Cutaneous adverse events of vemurafenib, a novel selective small molecule inhibitor of BRAF used to treat metastatic melanoma. Advances in Oncology Fall 2013 Houston Meeting.


LECTURES


Plaza Hospital Grand Rounds. “Hospital Dermatology. Fort Worth, TX. Nov 15, 2017

VOLUNTEERISM

Medical Mission Trip to Chimaltenango, Guatemala

Houston's First Baptist Church

June 2014

Casa de Buen Samaritano

Volunteer monthly serving patients at an indigent clinic in Houston, TX

Oct 2015-May 2016

PROFESSIONAL AFFILIATIONS

American Academy of Dermatology
Texas Dermatological Society
American Society of Dermatologic Surgery
Tarrant County Medical Society
Texas Medical Association
American Medical Association
CURRICULUM VITAE

JOHN HARLAN HAYNES III, MD, MSC

Sr. Medical Director
JPS Professional Office Complex
1350 Main Street, Suite 1250
JPS Health Network
Fort Worth, Texas 76104

Work:  (817) 702-6883
Cell:  (817) 798-8994
Fax:  (817) 702-3852
Email: jhaynes@jpshealth.org
      jayhaynes2@gmail.com

PROFESSIONAL CAREER

1988 to 1992  Northwest Family Practice Associates / Health First. Ft. Worth, TX
             Principal and Founder

1990 to 1996  MedLife Corporation. Ft. Worth, TX and Stephenville, TX
             Chairman

1992 to 2004  Med Alliance Health Center, Ft. Worth, TX
             Medical Director

2003-2009    JPS Physician Group, Fort Worth, TX
             Founding Chairman

2004-2009    John Peter Smith Hospital, Fort Worth, TX
             Chief Medical Officer, Senior Vice President, Tarrant County Hospital District

2005-2008    Tarrant County Universities Consortium for Medical Education
             Chairman

2010-2015    Chairman, Practitioner Health and Wellness Committee

2009- Present JPS Health Network, Fort Worth, TX
                Senior Medical Director, JPS Employee Health and Wellness
                Faculty Department of Family Medicine

    John Harlan Haynes, MD, MSc 1
TRAINING, EDUCATION AND ACADEMIC APPOINTMENTS

1977 to 1981
Rhodes College
Memphis, TN
Bachelor of Science, June 1981

1981 to 1985
Louisiana State University Health Sciences Center, School of Medicine
Shreveport, LA
Doctor of Medicine, June 1985

July 1985 to July 1988
John Peter Smith Hospital
Ft. Worth, TX
Family Practice Residency

1998 to 2001
University of Texas Dallas and University of Texas Southwestern
Masters of Science in Medical Management
Alliance for Medical Management Education
HONORS: MERCK SCHOLAR

2007-2008
Texas A&M Health Science Center College of Medicine
Assistant Professor
Department of Family Medicine

Present
Texas Christian University, Fort Worth Texas
Adjunct Associate Professor, Department of Kinesiology

Present
University of North Texas Health Sciences Center, Fort Worth TX
Adjunct Clinical Assistant Professor, Department of Medical Education

Present
Department of Medical Education UT Southwestern Medical Center at
Dallas,
Assistant Professor
Department of Family and Community Medicine

John Harlan Haynes, MD, MSc   2
BOARD CERTIFICATIONS/LICENSES

1985 Louisiana State Medical Board - Inactive

1986 Texas State Medical Board - H1101

1991 Diplomate: American Board of Quality Assurance and Utilization Review
Dallas, TX, 1991

1993-2006 Senior Federal Aviation Administration
Aviation Medical Examiner, 1993 – 2006

1994 “No-Scalpel” Vasectomy- Trainer Certified- 1994
Association for Voluntary Surgical Contraception, New York City, NY

1996 Medical Review Officer, Certified - MROCC
June, 1996 – present

1998 Diplomate: American Board of Anti-Aging Medicine
Chicago, IL, 1998

2000 Designated Doctor
Texas Department of Insurance
Division of Workers Compensation 2000- present

2004 Certified Physician Executive
Commission on Medical Management
MANAGING SPAGHETTI SYNDROME IN A CRITICAL CARE SETTING USING A NOVEL DEVICE: A NURSING PERSPECTIVE.

*Critical Care Nurse, Vol 35, No. 6  December 2015*

Haynes, J.H., Bowers, K., Young, R., Sanders, T., Schultz, K.E.

“RING REMOVAL FROM AN EDEMATOUS FINGER”,
“TICK REMOVAL”,
“FISHHOOK REMOVAL”,
“REMOVAL OF FOREIGN BODIES FROM THE EAR AND NOSE”,
“TESTOSTERONE PELLET IMPLANTATION”, AND
“GASTRIC LAVAGE” CHAPERS in Procedures for Primary Care Physicians

Pfenninger, J & Fowler, G (Editors), Haynes, J.H., et.al


“IMPROVING THE HEART OF HEALTH CARE.”

*Hospitals and Health Networks Journal*, March 2007

Haynes, J.H., Cecero, D.M., Taub, K.A. & Raup, G.H.

“THE PROMISE OF TELEMEDICINE”

*Tarrant County Physician Journal*, July 1995, pg 9-13,

Haynes, J.H.,

“GASTRIC LAVAGE FOR SERIOUS POISONINGS”,

*Family Practice Recertification Journal*, October 1992,

Haynes, J.H.


THYROCARDIOTOXIC EMBOLIC SYNDROME,”

*Southern Medical Journal, Vol. 82, Num. 10, October 1989.*

Haynes, J.H. and Kaegler, W.V.

John Harlan Haynes, MD, MSc  4
RESEARCH EXPERIENCE

2017

2013-2015
Enhancing safety at the bedside using a novel device to organize cords, tubes, cables and wires - The Janaband pilot study, Tarrant County Hospital District Critical Care

2010-2012

2009
Relationship between the Tarrant County Unemployment Rate and JP S Connection Enrollment. Regional Employment influence on Indigent Medical Care in a Tax Supported County Hospital Haynes, J. Rives, T

2000
Merck Research Laboratories - Rofecoxib- Placebo-controlled in low back pain.

1998
Novum CRC/Dupont Pharmaceuticals - A double-blind, placebo-controlled, parallel group study to study and treat chronic bronchitis.

1993
Glaxo, Inc. – Imitrex study, a double-blind, placebo-controlled, parallel group study to assess a nasal drug to treat migraine headaches.

1992

1992

1991
Pfizer - A double-blind, placebo-controlled study to assess Fluconazole against systemic and vaginal candidiasis.
ACADEMIC CURRICULUM VITAE - JOHNNY J. HE

Home Address:  
413 Borders Court  
Southlake, TX 76092  
(817) 488-3582 (H)  
(817) 881-2691 (C)  

Work Address:  
Graduate School of Biomedical Sciences  
UNT Health Science Center  
3500 Camp Bowie Blvd., CBH-354  
Fort Worth, TX 76107  
(817) 735-2642  
johnny.he@unthsc.edu

Date and Place of Birth: April 2, 1965, Sichuan, P. R. China

Citizenship: US citizen (Naturalized in 2002, Chinese citizenship until 2001)

Marital status: Married to Ying Liu, M.D. Associate Professor; Daughters: Jane and Victoria; Sons: Jack and Victor

Employment:

2011-now  Associated Dean for Biomedical Education and Research, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

2016-now  Professor (tenured), Institute for Molecular Medicine, University of North Texas Health Science Center

2011-2016  Professor (tenured), Department of Cell Biology and Immunology, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

2012-2013:  Interim Chair, Department of Molecular Biology and Immunology, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

2007-2011  Professor (tenured), Department of Microbiology and Immunology, Indiana University School of Medicine

2005-2011  Director, Center for AIDS Research, Indiana University

2006-2011  Member, Stark Neurosciences Research Institute, Indiana University School of Medicine

2003-2006  Associate Professor (tenured), Department of Microbiology and Immunology, Indiana University School of Medicine

2003-2011  Member, Center for Immunobiology, Indiana University School of Medicine

1997-2002  Assistant Professor, Department of Microbiology and Immunology, Indiana University School of Medicine

1997-2009  Member, Walther Oncology Center, Walther Cancer Institute, Indiana University School of Medicine

1995-1997  Research Associate, Dana Farber Cancer Institute, Harvard Medical School,

1994-1995  Research Fellow, Aaron Diamond AIDS Research Center, New York University
1990-1994  *Research Associate*, Department of Biology, New York University
1988-1989  *Research Associate*, Bureau of State Land Management, Chengdu, China
1986-1988  *Research Associate*, China Agricultural University, Beijing, China
1983-1986  *Research Assistant*, Sichuan Agricultural Academy, Chengdu, China

**Education and Training:**

5/95-9/97:  *Harvard Medical School, Boston, MA*  
Postdoctoral Fellow in Molecular Virology  
Advisor: Dana Gabuzda, M.D.  
Department of Cancer Immunology and AIDS  
Dana Farber Cancer Institute  
Harvard Medical School

7/94-4/95:  *Rockefeller University, New York, NY*  
Postdoctoral Fellow in Molecular Virology  
Advisor: Ned Landau, Ph.D.  
Aaron Diamond AIDS Research Center  
Rockefeller University

4/94-6/94:  *New York University, New York, NY*  
Postdoctoral Fellow in Molecular Biology  
Advisor: Philip Furmanski, Ph.D.  
Department of Biology  
Graduate School of Arts and Sciences

9/90-3/94:  *New York University, New York, NY*  
Ph.D. in Molecular Biology  
Advisor: Philip Furmanski, Ph.D.  
Department of Biology  
Graduate School of Arts and Sciences

9/90-5/93:  *New York University, New York, NY*  
Master of Science in Molecular Biology  
Advisor: Philip Furmanski, Ph.D.  
Department of Biology  
Graduate School of Arts and Sciences

9/86-12/88:  *China Agricultural University, Beijing, China*  
Master of Science in Microbiology  
Advisor: Lian-Zhou Liu, Ph.D.  
Department of Microbiology and Plant Nutrition
9/79-7/83:  Southwestern University of Science and Technology, Sichuan, China
Bachelor of Science in Biochemistry
Department of Biological Sciences
College of Biological Sciences

Honors and Awards:

2016: Fellows (Designated Future Leaders), University of North Texas Health Science Center

2011: Guest Editor, Cell Signaling and Anti-HIV Therapeutics, a special issue of Journal of Neuroimmune Pharmacology (2011)

2011: Patent “Extracts of medicinal plant and uses thereof” (PCT/US2010/043542), which was licensed by Indiana University to Konina Biopharma LLC., Indiana, IN and Konina Biotechnologies Inc., Chengdu, China for commercial development.

2010: The Esther L. Kinsley Ph.D. Dissertation Award to Jorge Henao-Meija, one of my Ph.D. students (2010) – This is the highest honor that Indiana University offers to recognize the graduating students for their outstanding dissertation research and training at Indiana University

2010: Outstanding Overseas Young Chinese Scholar Award (2010), National Science Foundation, China

2009: Finalist, NIH Avante Garde Innovative award

2009: Dean Forum, Peking University School of Basic Medical Sciences, China

2008: Excellence in Community Service, Chinese National Society on Drug Dependence and Chinese National Society of Toxicology, China

2008: Bill & Melinda Gates Foundation Grand Challenge Explorations Phase I Award

2008: Finalist, NIH Avante Garde Innovative award

2003: Dean’s Leadership Forum, Indiana University School of Medicine

2002: Visiting Scientist, FASEB

2002: Showalter Research Award, Ralph W. and Grace M. Showalter Research Trust
1999: Showalter Research Award, Ralph W. and Grace M. Showalter Research Trust

1998: Biomedical Research Award, Indiana University School of Medicine

1990-1994: Graduate Fellowship, New York University

1995-1997: National Research Service Award, National Institutes of Health

1994: Best Dissertation Award, New York University

1988: Best Thesis Award, China Agricultural University, Beijing, China

1983: Best Graduate Award, Southwestern University of Science and Technology, China

**Teaching Experience:**

I have taught graduate students and medical students in the classroom setting with more than 860-hour lectures over the last 18-year academic career. The subjects include *Fundamentals in Molecular Biology, Virology, and Microbiology*. I have continued to be actively involved in in-classroom teaching for the past six years of my Associate Dean tenure.

2016-: Core Course Director, Fundamentals of Biomedical Sciences Core Courses: BMSC 6201, 6202, 6203, & 6204, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

2011-2015: Core Course Director, Integrated Biomedical Sciences I, II & III: *Molecular Cell Biology (BMSC 6302), Biochemistry (BMSC 6301), Microbiology and Immunology (BMSC 6305), Integrative Physiology (BMSC 6303), Pharmacology and Neurosciences (BMSC 6304)*, Graduate School of Biomedical Sciences University of North Texas Health Science Center

2011-now: Lecturer, *Grant Writing* (both to graduate students and junior Faculty), University of North Texas Health Science Center

2011-2015: Lecturer, *Introduction to Faculty Research*, University of North Texas Health Science Center

2011-2015: Course Director and Lecturer, *Scientific Communications*, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

1999-2011: Course Director and Lecturer, *Virology*, Department of Microbiology &
Immunology, Indiana University School of Medicine

2005-2011: Course Director and Lecturer, Microbial Pathogenesis, Department of Microbiology & Immunology, Indiana University School of Medicine

2007-2011: Course Director and Lecturer, Fundamental Concepts of Infection and Pathogenesis, Department of Microbiology & Immunology, Indiana University School of Medicine

2007-2011: Lecturer, Neoplastic Determinants, Department of Microbiology & Immunology, Indiana University School of Medicine

2009-2011: Course Director and Lecturer, Molecular Genetics of Microorganisms, Department of Microbiology & Immunology, Indiana University School of Medicine

2010-2011: Lecturer, Medical Microbiology, Indiana University School of Medicine

2003-2009: Lecturer, Fundamentals in Molecular Biology, Indiana University School of Medicine

1998-2002: Facilitator, Concepts in Health and Diseases (Problem-Based Learning for medical students), Indiana University School of Medicine

1998-1999: Co-course Director, Molecular Genetics of Microorganisms, Department of Microbiology & Immunology, Indiana University School of Medicine

1997-1998: Lecturer, Virology, Department of Microbiology & Immunology, Indiana University School of Medicine

1993-1994: Teaching Assistant, Anatomy, New York University

1990-1992: Teaching Assistant, Biology, New York University

University Committee Service:

2016-now: President's Council for Research, University of North Texas Health Science Center

2011-now: Executive Leadership Team, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

2011-now: Graduate Council Member, Graduate School of Biomedical Sciences, University of North Texas Health Science Center
2011-now: *Graduate Admission Committee (Chair)*, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

2011-now: *Health Disparity Conference organization Committee (Co-Chair)*, University of North Texas Health Science Center

2011-now: *Research Appreciate Day (RAD) Executive Committee*, University of North Texas Health Science Center

2011-now: *Student Conduct and Disciplinary Committee*, University of North Texas Health Science Center

2011-now: *STEM Education and Outreach Committee*, University of North Texas Health Science Center

2012-now: *Research Advisory Council*, University of North Texas Health Science Center

2012-now: *Seed Grant Review Committee (Chair)*, University of North Texas Health Science Center

2012-2014: *May Kay Grant Review Committee (Chair)*, University of North Texas Health Science Center

2014-now: *Student Leadership Academy Mentor*, University of North Texas Health Science Center

2016-now: *ASPIRE Leadership Program Coach*, University of North Texas Health Science Center

2017-now: *Fellows Leadership Program Coach*, University of North Texas Health Science Center

2011-2013: *Cohen Excellence in Research Award Committee (Chair)*, Graduate School of Biomedical Sciences, University of North Texas Health Science Center

2011-2015: *Faculty Search Committee (Chair)*, Department of Cell Biology and Immunology, University of North Texas Health Science Center

2011-2013: *President Strategic Thinking Council – Academic Affairs*, University of North Texas Health Science Center

2011-2014: *Faculty Profile Committee*, University of North Texas Health Science Center
2011-2014:  *Outstanding Faculty Presidential Award Committee (chair)*, University of North Texas Health Science Center

2015:  *Executive Director for Leadership Development Search Committee*, University of North Texas Health Science Center

2012:  *Vice President for Research Search Committee*, University of North Texas Health Science Center

2012:  *Dean of School of Health Professions Search Committee*, University of North Texas Health Science Center

2011-2013:  *Faculty Search Committee (Chair)*, Department of Forensic and Investigative Genetics, University of North Texas Health Science Center

1997-2011:  *Graduate Admission Committee*, Indiana University School of Medicine

1997-2011:  *Graduate Admission Committee- International Sub-committee*, Indiana University School of Medicine

1997-2011:  *Ph.D./M.D. Admission Committee*, Indiana University School of Medicine

1997-2011:  *Graduate Recruitment Committee (Chair)*, Department of Microbiology & Immunology, Indiana University School of Medicine

2001-2011:  *Faculty Recruitment Committee*, Department of Microbiology & Immunology, Indiana University School of Medicine

2007-2009:  *Virologist Recruitment Committee (Chair)*, Center For AIDS Research, Indiana University School of Medicine

1999-2008:  *Biomedical Research Review Committee (Chair)*, Indiana University School of Medicine

2003-2011:  *Institutional Animal Use and Care Committee*, Indiana University School of Medicine

2005-2011:  *Institutional Biosafety Committee*, Indiana University School of Medicine

1997-2011:  *Institutional Intellectual Property Review Committee*, Indiana University School of Medicine

2003-2004:  *Esther L. Kinsley Ph.D. Dissertation Award Committee (Chair)*, Department of Microbiology & Immunology, Indiana University School of Medicine

2007-2011:  *Promotion & Tenure Committee (Chair)*, Department of Microbiology & Immunology, Indiana University School of Medicine.
2011:  *Infectious Diseases Division Chief Search Committee*, Indiana University School of Medicine.

2010:  *Faculty Search Committee (Chair)*, Department of Microbiology & Immunology, Indiana University School of Medicine

**National Committee Service:**

2017-now:  *President-Elect*, Society for Neuroimmunue Pharmacology

2010-now:  *External Scientific Advisory Board*, University of California School of Medicine San Diego

2015-now:  *National Research Mentoring Network Mentor*, National Institutes of Health

2014-now:  *Harold Amos Medical Faculty Development Program National Advisory Committee and Mentors*, Robert Wood Johnson Foundation

2012-now:  *Summer Research Training Committee and Mentors for Asian Americans and Pacific Islanders on Biomedical and Behavioral Sciences* (high school and college students)

2011-2015:  *Education Subcommittee Chair, Biomedical Workforce Task Workgroup on Asian Americans and Pacific Islanders*, National Institutes of Health

2010-2014:  *External Scientific Advisory Board*, University of Hawaii, John A. Burn School of Medicine

2013:  *National Hispanic Mentoring Steering Committee*, National Institutes of Health

2003-2005:  *External Scientific Advisory Board*, Centers of Biomedical Research Excellence, Ponce School of Medicine, University of Puerto Rico

2002-2003:  *Scientific Consultant*, Eli Lilly Laboratories, Indianapolis, IN


**Ph.D. Student Dissertation Advisory Committee Service:**

1997-2000:  *Dissertation Advisory Committee*, Ph.D. candidate Shuli Zhang, Department
of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Hal Broxmeyer)

1997-2002: *Dissertation Advisory Committee*, Ph.D. candidate Yonghao Hou, Department of Biochemistry and Molecular Biology, Indiana University School of Medicine (Mentor: Dr. Robert Hromas)

2000-2004: *Dissertation Advisory Committee (Chair)*, Ph.D. candidate Betty Zhou, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)

2000-2005: *Dissertation Advisory Committee*, Ph.D. candidate Sungyoo Cho, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Randy Brutkweicz)

2003-2008: *Dissertation Advisory Committee*, Ph.D. candidate Njeri Mania, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Arun Srivastava)

2004-2008: *Dissertation Advisory Committee*, Ph.D. student, Jeff Altenberg, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Ghalib Alkhatib)

2004-2008: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Wei Zou, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)

2004-2009: *Dissertation Advisory Committee*, Ph.D. student, Nan Wang, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Janice Blum)

2004-2010: *Dissertation Advisory Committee*, Ph.D. student, Lisa Barrow, Department of Microbiology & Immunology (Mentor: Dr. Ann Roman)

2006-2009: *Dissertation Advisory Committee*, Ph.D. student, Javier Rivera-Guzman, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Lou Pelus)

2006-2009: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Jorge Henao-Mejia, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)

2007-2010: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Linden Ann Green, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)

2007-2011: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Weina Zhou, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)
2007-2011: *Dissertation Advisory Committee*, Ph.D. student, Yue Melody Xue, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Mary Dinauer)

2008-2010: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Jinfeng Liu, Department of Microbiology & Immunology, Indiana University School of Medicine (co-Mentor: Dr. Johnny He, with Xian Jiaotong University School of Medicine, China)

2008-2011: *Dissertation Advisory Committee*, Ph.D. student, Ying Liu, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Laura Haneline)

2009-2011: *Dissertation Advisory Committee*, Ph.D. student, Daniel Byrd, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Andy Yu)

2009-2011: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Fang Zhao, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)

2009-2011: *Dissertation Advisory Committee*, Ph.D. student, Asyllin Grantham, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Andy Yu)

2009-2014: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Ziqing Liu, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)

2010-2011: *Dissertation Advisory Committee*, Ph.D. student, Xue Wu, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Evin Scotisky)

2010-2011: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Ting Wang, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)

2010-2011: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Concerta Holley, Department of Microbiology & Immunology, Indiana University School of Medicine (Mentor: Dr. Johnny He)

2010-2012: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Guozhen Gao, Department of Cell Biology and Anatomy, University of North Texas Health
Science Center (Mentor: Dr. Johnny He)

2011-2012: *Dissertation Advisory Committee (Chair)*, Ph.D. student, YiChun Chen, Department of Cell Biology and Anatomy, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

2011-2012: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Mingfeng He, Department of Cell Biology and Anatomy, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

2010-2015: *Dissertation Committee (Chair)*, Ph.D. student, Xiaoyu Luo, Department of Cell Biology and Anatomy, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

2012-2015: *Dissertation Advisory Committee*, Ph.D. student, Akram Sidhu, University of North Texas Health Science Center (Mentor, Dr. Natalie Sumien)

2012-2015: *Dissertation Advisory Committee*, Ph.D. student, Mary Mize, University of North Texas Health Science Center (Mentor: Dr. Arthur Eisenberg)

2011-2016: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Pejman Rahimian, Department of Cell Biology and Anatomy, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

2012-2014: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Humberto Hernandez, Department of Cell Biology and Immunology, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

2011-2016: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Amanda Whitmill, Department of Cell Biology and Anatomy, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

2012-2016: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Yan Fan, Department of Cell Biology and Immunology, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

2012-now: *Dissertation Advisory Committee*, Ph.D. student, Xavier Aranda, University of North Texas Health Science Center

2012-now: *Dissertation Advisory Committee*, Ph.D. student, Sarah Schmedes, University of North Texas Health Science Center (Mentor: Dr. Bruce Budowle)

2015-now: *Dissertation Advisory Committee (Chair)*, Ph.D. student, Kelly Wilson, Department of Cell Biology and Immunology, University of North Texas
Health Science Center (Mentor: Dr. Johnny He)

2016-now:  *Dissertation Advisory Committee (Chair)*, Ph.D. student, Kazi Afreen, Department of Cell Biology and Immunology, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

2016-now:  *Dissertation Advisory Committee (Chair)*, Ph.D. student, Suresh Kandel, Department of Cell Biology and Immunology, University of North Texas Health Science Center (Mentor: Dr. Johnny He)

**Professional Society Memberships:**

1997-Now:  American Society of Microbiology

2000-now:  Genetic Society of America

2002-now:  American Society of Biochemistry and Molecular Biology

2002-now:  Federation of American Societies for Experimental Biology

2002-now:  International Society for NeuroVirology

2009-now:  Society on Neuroimmue Pharmacology

2011-now:  American Society of Virology

2011-now:  Council of Graduate School Deans

2014-now:  Council of Chinese American Presidents and Deans

2016-now:  Society for Neuroscience

**Publications:**

**Impact factors (IF) of publications (n=101):**  4 (>25 IF), 3 (15-25 IF), 3 (10-15 IF), 6 (7.5-10 IF), 51 (4-7.5 IF) and 34 (<4 IF). **Citations:** 5,385


2. Zhao, F., Liu, Z., Ranjith-Kumar, C. T., Kao, C., and He, J. J. (2017) Two lethal mutations in the Hepatitis C Virus NS5B protein are critical for RNA-dependent
RNA polymerase activity (submitted).


5. Gao, G., Zhao, W., Guo, D. and He, J. J. (2017) Regulation of HIV-1 alternative splicing by the RNA-binding protein Sam68 (submitted).


44. Park, IW and He, J. J. (2013) HIV-1 Nef-mediated T-cell activation and chemotaxis are decoupled using a HIV-1/SIVpbj1.9. chimeric nef variant. Archives of Virology 158:845-852.


59. Giunta, B., Hou, H., Zhu, Y., Rapo E., Tian, J., Takashi, M., Commins, D., Singer, E., 
He, J. J., Fernandez, F. and Tan, J. (2009) HIV-1 Tat Contributes to Alzheimer's 
Disease-like Pathology in PSAPP Mice. International Journal of Clinical and 
Experimental Pathology 2:433-43.

60. Green, L.A. and He, J.J. (2009) Inhibition of HIV-1 Infection and Replication by 
Enhancing Viral Incorporation of Innate Anti-HIV-1 Protein A3G: a Non-
pathogenic Nef Mutant-based Anti-HIV Strategy. Journal of Biological Chemistry 
284:13363-13372.


Chen, G. and He, J.J. (2009) Inhibition of HIV-1 Entry by Extracts Derived from 
Traditional Chinese Medicinal Herbal Plants. BMC Complementary and Alternative 

63. Park, I-W and He, J.J. (2009) HIV-1 Nef-mediated inhibition of T cell migration 

64. Henao-Mejia, J and He, J.J. (2009) Sam68 recruitment into stress granules in 
response to oxidative stress through complexing with TIA-1. Experimental Cell 
Research 315:3381-3395.

Virus Infection is Restricted at both Entry and Replication in Hepatocytes of 
Murine origin Biochemical and Biophysical Research Communications 
387:489-93.

gene expression, replication, and production by inhibition of the mitogen-
activated protein/extracellular signal-regulated kinase (MEK)/ERK signaling. PLoS 
ONE e4:7498.

67. Zhang, P., Skurnik, M., Zhang, S.S., Schwartz, O., Kalyanasundaram, R., Bulgheresi, 
specific intercellular adhesion molecule -grabbing nonintegrin (CD209) is a 
receptor for Yersinia pestis that promotes phagocytosis by dendritic cells. 
Infection and Immunity 76:2070-9

characterization of a recombinant cDNA-based hepatitis C virus system. 
Biochemical and Biophysical Research Communications 359:57-62.


74. Zhou, B. Y. and He, J. J. (2004) Proliferation inhibition of astrocytes, neurons, and


mRNA, complete cds. AF254795 GenBank National Center for Biotechnology Information and National Library of Medicine and National Institutes of Health.


Lonnerdal, Human Press Inc., Totowa, NJ.


Invited presentations/meetings (national and International):

1. Department of Psychiatry, University of California San Diego, November 2016
2. Department of Neurosciences, Temple University, November 2016


5. National University of Singapore Department of Biochemistry and Cancer Center, Singapore, May 2016

6. The 18th International Conference on HIV Medicine, Bangkok, Thailand, Jan. 2016

7. The 13th International Symposium on NeuroVirology (Chair, HIV infection of Astrocytes Symposium), San Diego, Jun. 2015

8. The 4th Asian-Pacific Society for Alcohol and Addiction Research/the 5th International Drug Abuse Research Society Conference, Sydney, Australia, August 2015

9. University of Hong Kong, AIDS Institute, June 2015

10. Hainan Normal University, Haikou, China, June 2015

11. Northwest University, College of Life Sciences, June 2015

12. Xi’an Jiaotong University, College of Medicine, the First Affiliated Hospital, June 2015

13. Florida International University, College of Medicine, Dr. Herbert and Nicole Wertheim Leadership in Healthcare and Medicine Lectureship, Nov. 2015


15. Department of Pathology and Laboratory Medicine, Temple University, June 2014


17. The 2nd Annual Society for Personalized Nano-Medicine Symposium, Miami, FL, Jan. 2015


19. University of Texas Austin School of Biological Sciences, Feb. 2013

21. The 14th SCBA International Symposium, Xi’an, China, July 2013 (declined).

22. Symposium on Cellular Organelles and Cell Fate in HIV and NeuroAIDS Emerging Issues, Omaha, Nebraska, May 2013


24. The 19th SNIP Scientific Conference, San Juan, Puerto Rico, April 2013

25. College of Medicine, Texas Tech University, El Paso, December 2013

26. Translational Methamphetamine AIDS Research Center, University of California San Diego, February 9th, 2012

27. The 18th SNIP Scientific Conference, Hawaii, HI, April 24-28th, 2012

28. Department of Medicine and Queens Hospital, University of Hawaii John A. Burns School of Medicine, May 1st, 2012


30. The Neuroscience Consortium Cutting-Edge Symposium: HIV/NeuroAIDS Treatment and Prevention beyond HAART: Thinking outside the Box, NIDA, Bethesda, MD, June 18, 2012

31. Department of Molecular Virology, Baylor College of Medicine, April 2012

32. Department of Cell Biology and Anatomy, University of North Texas Health Science Center, January 2011

33. Translational Methamphetamine AIDS Research Center, University of California San Diego, February 2011

34. Animal Models for NeuroAIDS – A Research Symposium, Omaha, Nebraska, March 2011

35. UFR de medicine, Université François Rabelais, Tours, France, March 2011
36. Department of Psychiatry, University of California San Diego, June 2011

37. Department of Microbiology and Immunology, George Mason University, September 2011

38. The 17th SNIP Scientific Conference, Clearwater Beach, FL, April 5-10, 2011

39. HIV Neurobehavioral Research Center, University of California San Diego, June 22nd-23rd, 2011


41. Department of Neurology, Johns Hopkins University, February 2010.

42. Department of Neuroscience, Temple University, May 2010

43. Sino-US symposium on clinical and translational research, Beijing, June 2010

44. Sichuan University College of Basic Medical Sciences, Chengdu, June 2010

45. Drexel University Pennsylvania Biotechnology Center, August 2010

46. Indiana University College of Arts and Sciences, Bloomington, September 2010

47. Department of Internal Medicine & Pharmacology and Toxicology, University of Louisville, October 2010

48. The 10th International Symposium on NeuroVirology, October, 2010

49. Department of Public Health, University of Hawaii, December 2010

50. International Conference on Molecular Medicine, Chennai, India, January 2009

51. The 16th Conference on Retroviruses and Opportunistic Infections, Montreal, Canada, Feb. 2009

52. Department of Neurology, Johns Hopkins University, Baltimore, Feb. 2009

53. Center for Disease Prevention and Control, Sichuan, China, Feb. 2009

54. Department of Pharmacology and Neurosciences, University of Nebraska Medical Center, March, 2009

55. The 15th Society on Neurommune Pharmacology Conference, Wuhan, China, April 2009
56. College of Life Sciences, Wuhan University, April 2009
57. College of Chemical Industrial and Engineering, Hainan Normal University, April 2009
58. School of Basic Medical Sciences, Peking University, April 2009
59. International Institute of Neuroimmune Pharmacology Inauguration, College of Medicine, Florida International University, May 2009
60. The 9th International Symposium on Neurovirology, Miami, June 2009
61. The 2nd International Conference on Translational Research, Peking Union Medical College, Beijing, January 2008
62. Department of Pharmacology and Toxicology, University of Missouri at Kansas City, March 2008
63. Department of Biology, Seton Hall University, New Jersey, April 2008
64. Sun Yet-Sen University School of Medicine and the 3rd Hospital, Guangzhou, China, August 2008
65. Sino-US symposium in drug abuse and HIV/HCV co-morbidity (organizer), Xi’an, China, October 21-25, 2008
68. HIV minisymposium in honor of Dr. Gene Shearer’s 70th birthday, May 2007
70. Institute of Infectious Diseases, Zhongshan University, Guangzhou, September 2007
71. The First affiliated Hospital, Xi’an Jiaotong University, Xi’an, September 2007
72. Xi’an Jiaotong University Medical College, Xi’an, September 2007
73. Hainan University, Haikou, September 2007
74. Indiana University School of Medicine, October 2007
75. Department of Microbiology and Immunology, Rush University, Chicago, April 2006
76. HIV pre-clinical – clinical therapeutics research workgroup meeting, National Institute of Mental Health National Institutes of Health (NIMH/NIH), May 2006.
77. 7th International Conference on Neurovirology, May 2006, Philadelphia (speaker
and chair one of the scientific sessions).

78. Department of Neurology, Johns Hopkins University School of Medicine, May 2005


80. Cutting Edge Seminar Series, National Institute on Drug Abuse 30 years, National Institute on Drug Abuse, Jul., 2004

81. National Association of Allergy, Asthma, and Immunology, Colombia, May 2003

82. 5th International Conference on Neurovirology, September 2003, Baltimore (speaker and chair one of the scientific sessions).

83. International Conference on Ginkgo Extract and Mental Disorders, Berlin, Germany, October 2002

84. Pacific Biomedical Research Institute, University of Hawaii, Honolulu, November 2002
85. Division of Infectious Diseases, Indiana University School of Medicine, September 2001

86. Division of Infectious Diseases, Indiana University School of Medicine, May 2000
87. Neuroscience of HIV infection 2000, Edinburgh, United Kingdom, June, 2000
88. Biotechnology Symposium, Beijing, China, December, 2000

89. Division of Infectious Diseases, Indiana University School of Medicine, February, 1999
90. Department of Pediatrics, University of Chicago, March, 1999
92. Northwest Medical Center, Indiana University, April, 1999

**Administrative Leadership Training and Development:**

1. Organizational Leadership in Academic Medicine: An Executive Development
Workshop for Associate Deans and Department Chairs, sponsored by AAMC, Denver, Colorado, September 16-19, 2016

2. Fellows 2016 (Designated Future Leaders, focused on general leadership development for a five-hour monthly session for 10 months), University of North Texas Health Science Center

3. Leadership 125 Institute (ongoing leadership development, focus on organizational cultures and management), 2012 - now, University of North Texas Health Science Center


5. Council of Graduate Schools Summer Workshop and New Deans Institute, St. Augustine, GA, July 11-15, 2016


7. Council of Graduate Schools Summer Workshop and New Deans Institute, Quebec City, Canada, July 11-15, 2015


10. Council of Graduate Schools Summer Workshop and New Deans Institute, Portland, OR, July 12-16th, 2014


Student/Postdoctoral Mentoring:

I have trained and mentored high school (6), undergraduate (16), graduate (17 PhD) and postdoc (16), junior faculty and above levels (6) in my laboratory, and a number of short-term rotation students. A majority of my PhD students have successfully moved onto postdoc and faculty positions at premier academic institutions including Penn, UCSF, Columbia, Mt. Sinai, UNC-Chapel Hill, UCLA, and UT Southwestern. My teaching and mentoring philosophy is very simple: "to teach/mentor is to inspire", namely to inspire students to acquire competencies in basic and advanced scientific knowledge with emphases on development of higher order of thinking, and professional and technical skills.

Graduate Students:

1. Ph.D. candidate, Ying Zhou (02/00-03/04, Associate Professor, UCLA)
2. Ph.D. candidate, Wei Zou (04/04 -02/08, Professor, Jiangxia University, China)
3. Ph.D. candidate Weipeng Jiang (11/05-03/07, Professor, Sichuan University)
4. Ph.D. candidate, Jorge Henao (04/06-09/09, Assistant Professor, University of Pennsylvania)
5. M.S./Ph.D. candidate, Tina Wang (02/07-08/10, postdoc at Stanford)
6. Ph.D. candidate, Linden Horten (07/06-11/10, Postdoc at IU)
7. Ph.D. candidate, Weina Zhao (05/07-02/11, Research Scientist, Eli Lilly)
8. Ph.D. candidate, Jinfeng Liu (joint mentored, 02/08-11/10, Professor, Xian Jiaotong University School of Medicine, China)
9. Ph.D. candidate, Fang Zhao (09/09-08/11, Professor, Shenzhen University, China)
10. Ph.D. candidate, Guozhen Gao (jointly mentored, 02/10-07/12, postdoc at MD Anderson, Texas)
11. Ph.D. candidate, Ziqing Liu (04/09-08/2013, postdoc at University of North Carolina at Chapel Hill)
12. Ph.D. candidate, Yichun Chen (jointly mentored, 09/11-03/12, postdoc at Mayo Clinic)
13. Ph.D. candidate, Mingfeng He (joint mentored, 07/11-03/12, postdoc at Sichuan University, China)
14. Ph.D. candidate, Xiaoyu Luo (05/10-12/14, postdoc at University of California San Francisco and Gladstone Institute of Immunology and Microbiology)
15. Ph.D. candidate, Pejman Rahimian (05/11-05/2016, postdoc at UT Southwestern Medical Center)
16. Ph.D. candidate, Amanda Whitmill (05/11-05/2016, postdoc at UT Southwestern Medical Center)
17. Ph.D. candidate, Yan Fan (05/12-05/2016, postdoc at UT Southwestern Medical Center)
18. Ph.D. candidate, Kelly Wilson (05/15-)

Postdoctoral Fellows:

1. Cynthia Hingtgen, Ph.D./M.D. (02/98-01/99, Professor, Indiana University)
2. Jinliang Li, Ph.D. (09/98-09/01, Research Scientist, City of Hope, LA)
3. Hao Liu, M.D. (07/00-02/01, Professor, Xian Jiaotong University, China)
   Byung-oh Kim, Ph.D. (11/99-12/02, Professor, Sanju National University, Korea)
4. Yan Xiao, M.D. (04/03-06/04, Associate Professor, Indiana University Kokomo)
5. Jizhong Zhang, Ph.D. (08/02-10/04, Assistant Professor, Indiana University)
6. Albeiro Lopez, D.V.M. (02/03-04/04, Professor, University of Colombia)
7. Zhenyun Wang, Ph.D. (10/05-10/06, Professor, Xian Jiatong University, China)
8. Liwen Wang, M.D. (05/06-02/07, Senior Scientist, ProAb Biotech, Canada)

9. Oscar David Cano, M.D. (07/07-04/08, Research Associate, Indiana University School of Medicine)

10. Jean Ndjomou, Ph.D. (02/03-11/08, Instructor, Yale School of Medicine)

11. Wei Zhang, Ph.D. (01/2012-02/2013, Professor, Wuhan Institute of Virology, Chinese Academy of Sciences, China)

12. Ying Liu, M.D. (12/97-08/2011, Associate Professor – research track, UNTHSC)

13. Khalid Timani, Ph.D. (10/07-08/2011, Assistant Professor – research track, UNTHSC)

14. In-Woo Park, Ph.D. (09/07-08/2011, Associate Professor, UNTHSC)

15. Xiugen Zhang, Ph.D. (11/01/2012-10/31/2014, Research Scientist, CDC)

16. Yinhua Liu, Ph.D./M.D. (09/16/15-)

**Graduate candidates (Short-term rotation):**

- Ph.D. candidate, Samatha Ciccone (1998)
- Ph.D. candidate, Ying Zhou (1999)
- Ph.D. candidate, Qing Yu (1999-2001)
- Ph.D. candidate, Marcus Fields (1999)
- Ph.D./M.D. candidate, Njeri Mania (2000)
- Ph.D./M.D. candidate, John O’Malley (2001)
- Ph.D. candidate, Tina Sumpter (2002)
- Ph.D. candidate, Wei Zou (2003)
- Ph.D. candidate, Jeffrey Altenburg (2003)
- Ph.D. candidate, Lisa Barrow (2005)
- M.D. candidate, Brett Jagger (2005)
- Ph.D. candidate, Linden Horten (2006)
- Ph.D. candidate, Jorge Henao (2006)
- Ph.D. candidate, Weina Zhao (2006)
- Ph.D. candidate, Hoa Nyngen (2007)
- Ph.D. candidate, Kristin Hollister (2007)
Ph.D. candidate, Soyoung Park (2008)
Ph.D. candidate, Ziqing Liu (2009)
Ph.D. candidate, Kristin Stilger (2009)
Ph.D. candidate, Ayslinn Grantham (2010)
Ph.D. candidate, Concerta Holley (2010-2011)
Ph.D. candidate, Xiaoyu Luo (2010)
Ph.D. candidate, Steven Messina-Graham (2011)
Ph.D. candidate, Manuel Martinez (2011)
Ph.D. candidate, Kati McNamee (2010-2011)
Ph.D. candidate, Abhirami Kyler (2011)
Ph.D. candidate, Pejman Rahimian (2012)
Ph.D. candidate, Amanda Whitmill (2012)
Ph.D. candidate, Yan Fan (2013)
Ph.D. candidate, Sagar Shelake (2013)
Ph.D. candidate, Brain Wong (2013)
Ph.D. candidate, Amber Fairley (2014)
Ph.D. candidate, Trinh Nguyen (2014)
Ph.D. candidate, Humberto Hernandez (2013-2014)
Ph.D. candidate, Kazi Afreen (2016)
Ph.D. candidate, Rachel Thomas (2016)
Ph.D. candidate, Suresh Kendal (2016)

Summer Students or Minority Students:

Nikkie Larssee, M.S. (minority, 2001)
Shelton Allison, M.S (minority, 2002)
Monique Gugyinn, B.S. (minority, 2003)
Ulric Bigby, B.S (minority, 2006)
Erin Hallar, M.S. (2005-2006)
Kurt Qing, high School (2005)
Mary Byrley, high school (2005)
Lisa Gao, high school (2006)
Sameul Martinez, B.S. (2008)
Busayo Arojah, M.S. (2009)
Zenas Shi, high school (2010)
Heng He, MS (2011)
Hershel Rege (2012)
Kishan Shrikanth (2013)
Allie Wei (2014)
Leslie Gonzalez (2016)
Bobby Randhawa (2016)
Consulting and Reviewing:

Journal Editorial Boards:

2009-now:  Associate Editor - Journal of Neurovirology
2007-now:  Editorial Board - Virus Research and Therapy
2009-now:  Associate Editor - Journal of Neuroimmune Pharmacology
2011-now:  Editorial Board - Antimicrobial Agents and Chemotherapy
2014-now:  Academic Editor – PLoS ONE
2014-now:  Editorial Board – Journal of Neuroinflammation

Journal ad hoc reviewer:

Antimicrobial Agents and Chemotherapy
AIDS Research and Therapy
AIDS Research and Human Retroviruses
American Journal of Pathology
Biochemical Pharmacology
Biomedical Central Cell Biology
Biomedical Central Neurosciences
Blood
Brain
Cell
Cellular Immunology
Clinical and Diagnostic Laboratory Immunology
Critical reviews in Neurobiology
Current HIV Research
FEBS Journal
International Journal of general Medicine
Journal of Neurochemistry
Journal of Virological Methods
Journal of Biological Chemistry
Journal of Cerebral Blood Flow and Metabolism
Journal of Histochemistry and Cytochemistry
Journal of Infectious Diseases
Journal of Leukocyte Biology
Journal of Neuroimmune Pharmacology
Journal of Neuroscience Research Journal of Neurovirology
Journal of Pharmacology and Experimental Therapeutics Journal of Virology
Journal of Zhejiang University Sciences
Leukemia
Molecular and Cellular Biology
Molecular and Cellular Neuroscience
Molecular Biology of the Cell Molecular Cell
Molecular Therapy
Nature
Nature Medicine
Nature Communication
Neuroinformatics
Neuroscience Neurotoxicity
Research Neuroscience
Letters Nutrition
Oncogene
Pharmacology, Biochemistry and Behavior
Science
Scientific Report
The Proceedings of National Academy of Sciences United Stated of America
Recent Patents on Anti-Infective Drug Discovery
Protein Science
Vaccines Virology
Virus Research

Grant Reviews (National and international funding agencies):

1999-2007: Biomedical Research Award Review Committee, Indiana University School of Medicine

Oct. 2004: AIDS and oral-related malignancies Special Emphasis Panel, National Institutes of Health

Nov. 2004: NeuroAIDS and other end-organ diseases Special Emphasis Panel (NAED-AARR5), National Institutes of Health

Mar. 2005: NeuroAIDS and other end-organ diseases Special Emphasis Panel (NAED-AARR5), National Institutes of Health

Jul. 2005: Ad hoc AIDS Molecular and Cellular Biology Study Section (AMCB-AARR1), National Institutes of Health

Jul. 2005: NeuroAIDS and other end-organ diseases Special Emphasis Panel (NAED-AARR5), National Institutes of Health
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Nov. 2005</td>
<td><em>Ad hoc</em> NeuroAIDS and other end-organ diseases (NAED-AARR5), National Institutes of Health</td>
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<td>Mar. 2006</td>
<td><em>Ad hoc</em> AIDS Molecular and Cellular Biology Study Section (AMCB-AARR1), National Institutes of Health</td>
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<tr>
<td>Jul. 2006</td>
<td><em>Ad hoc</em> NeuroAIDS and other end-organ diseases (NAED-AARR5), National Institutes of Health</td>
</tr>
<tr>
<td>Nov. 2006</td>
<td>Mentoring programs to diversify HIV/AIDS workforce Special Emphasis Panel, National Institutes of Health</td>
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<tr>
<td>Nov. 2007</td>
<td>Special Emphasis Panel on Mechanisms of HIV Neuropathogenesis: Emerging Domestic and Global Issues, National Institute of Mental Health</td>
</tr>
<tr>
<td>Dec. 2007-</td>
<td>Scientific Committee on U.S. Civilian Research &amp; Development Foundation (CRDF)</td>
</tr>
<tr>
<td>July 2008</td>
<td>National Institute on Alcohol Abuse and Alcoholism Special Emphasis Panel on the Impact of Alcohol Use and HAART on Liver Injury in HIV/HCV AIDS</td>
</tr>
<tr>
<td>Nov. 2008</td>
<td>National Institute of Mental Health Special Emphasis Panel on Novel Neuroaids Therapies: Integrated Preclinical/ Clinical Program (IPCP)</td>
</tr>
<tr>
<td>Mar. 2008-</td>
<td><em>Ad hoc</em>, Changjiang Scholar Program, Ministry of Education, the People of Republic China</td>
</tr>
<tr>
<td>July 2009</td>
<td>National Institutes of Health Center for Scientific Review Special Emphasis Panel on Recovery Act Funding</td>
</tr>
<tr>
<td>Jan. 2009-</td>
<td>Career Development Award Panel, Medical Research Council, United Kingdom</td>
</tr>
</tbody>
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Mar. 2010  NIH Exploring Epigenomic Processes and Non-Coding RNAs in HIV/AIDS


May 2010  NIH Recovery Act Limited Competition: NIH Director’s Opportunity for Research in Five Thematic Areas (RC4)

Jul. 2010  NIH HIV-induced neuropathogenesis using proteomics methodologies (P20)

Mar. 2011  03/11: NIH Viral and Host Genetic Factors Regulating HIV-Associated CNS Disease

Apr. 2011  NIH Martin Delaney Collaboratory: Towards an HIV-1 Cure (U19)

Jul. 2007-June 2011 Chartered member on NeuroAIDS and other end-organ diseases (NAED-AARR5), National Institutes of Health


Nov. 2011  NIH Beyond HAART: Innovative Therapies to Control HIV-1 (P01)

Nov. 2011  NIH Special Emphasis Panel on NeuroAIDS and other end-organ diseases

Nov. 2011  NIH Special Emphasis Panel on International Research in Infectious Diseases including AIDS (IRIDA)

Mar. 2012  NIH Special Emphasis Panel on NeuroAIDS and other end-organ diseases (NEAD)

April 2012  IAS-NIDA Fellowships Review Committee, International AIDS Society

Mar. 2012  NIH Special Emphasis Panel on Loan Payment Program (LRP)

April 2012  NIH Special Emphasis Panel on AIDS Molecular and Cellular Biology (AMCB)
Oct. 2012  HIV/AIDS and Infectious Diseases Grant Review, Hong Kong Government, China

Nov. 2012  NIH Special Emphasis Panel on AIDS Discovery and Development of Therapeutics (ADDT)

Nov. 2012  NIH Special Emphasis Panel on NeuroAIDS and other end-organ diseases (NEAD)

Jan. 2013  NIH Special Emphasis Panel on U.S.-China Program for Biomedical Collaborative Research on HIV/AIDS (R01) (Chair)

Feb. 2013  NIH Special Emphasis Panel on U.S.-China Program for Biomedical Collaborative Research on non-HIV/AIDS (R01 - Chair)

Feb. 2013  NIH Special Emphasis Panel on advancing exceptional research in HIV/AIDS (R01 - Chair)

Mar. 2013  NIH Special Emphasis Panel on the Interplay of Substance Abuse & HIV-1 Infection on Glial Cell Function

April 2013  NIH Special Emphasis Panel on Specialized Neuroscience Research Program (SNRP) (U54)

April 2013  NIH Special Emphasis Panel on Loan Payment Program (LRP)

Nov. 2013  NIH Special Emphasis Panel on Eradication of HIV-1 from CNS Reservoirs: Implication for Therapeutics

Jan. 2014  NIH Special Emphasis Panel on Centers for AIDS Research (CFAR) and Developmental Centers for AIDS Research (dCFAR)

Feb. 2014  NIH Special Emphasis Panel on Co-morbid HIV, Chronic Pain, and Substance Abuse Among Older Adults (R21)

Mar. 2014  NIH Special Emphasis Panel on AIDS-Associated Opportunistic Infections and Cancer Study Section (AOIC)

Apr. 2014  NIH Special Emphasis Panel on Loan Repay Programs (LRP)

Jun. 2014  NIH Special Emphasis Panel on Grant Review Workshop (to EIS, aka ODHD Research Development Seminar Series)
Nov. 2014 NIH Special Emphasis Panel on Centers for AIDS Research (CFAR) and Developmental Centers for AIDS Research (dCFAR)

Nov. 2014 NIH Special Emphasis Panel on MULTIDISCIPLINARY STUDIES OF HIV AND VIRAL HEPATITIS COINFECTION (R01/R21)

Nov. 2014 NIH Special Emphasis Panel on Co-morbid HIV, Chronic Pain, and Substance Abuse Among Older Adults (R21)

Jan. 2015 NIH Special Emphasis Panel on Avenir Award Program for Research on Substance Abuse and HIV/AIDS (DP2)

Apr. 2015 NIH Special Emphasis Panel on MULTIDISCIPLINARY STUDIES OF HIV AND VIRAL HEPATITIS COINFECTION (R01/R21 - Chair)

Apr. 2015 NIH Special Emphasis Panel on Loan Payment Program (LRP)

Apr. 2015 Ad hoc reviewer for National Science Foundation, Poland

Apr. 2015 Biomedical Research Grant Review, Hong Kong Government, China

Apr. 2015 Ad hoc reviewer for Harold Amos Medical Faculty Development Program, sponsored by the Robert Wood Johnson Foundation

Jun. 2015 NIH Special emphasis panel on NIH/NIDA K99/R00: Pathways to Independence Award

Jul. 2015 Ad hoc reviewer for COBRE program of University of North Dakota Medical School

Sep. 2015 NIDA/NIH Special Emphasis Panel: Avante Garde Award

Oct. 2015 NIH/NIDA Special Emphasis Panel on Advancing Exceptional Research on HIV/AIDS and Substance Abuse (R01)

Nov. 2015 Ad hoc reviewer for Medical Research Council, United kingdom

Dec. 2015 NIH/NIMH Special Emphasis Panel on AIDS Research Center on Mental Health and HIV/AIDS (P30)

Feb. 2016 Special Emphasis Panel on NIH/NIDA K99/R00: Pathways to Independence Award (Chair)
Mar. 2016 Special Emphasis Panel on Center of Excellence Grant Program (P30) and Research Center of Excellence Grant Program (P50), NIH/NIDA

Apr. 2016 NIH Special Emphasis Panel on MULTIDISCIPLINARY STUDIES OF HIV AND VIRAL HEPATITIS COINFECTION (Chair)

Jun. 2016 Special Emphasis Panel on NIH/NIMH K99/R00: Pathways to Independence Award (Chair)

Jul. 2016 Special Emphasis Panel US-China Program for Collaborative Biomedical Research (R01), NIH (co-Chair)

Mar. 2017 Special Emphasis Panel on Nicotinic Immune Modulation in the Presence of HIV-1 Infection (R01), NIH/NIDA (Chair)

Apr. 2017 NIH Special Emphasis Panel on Loan Payment Program (LRP)

Research and Research Funding:

My research focuses on host-virus interactions, specifically HIV/HCV infection and pathogenesis in the central nervous system. The long-term goal is to understand how human brain cells interact with HIV/HCV viruses, how those interactions cause dysfunctions in brain cells and neurological diseases, and then to develop therapeutic strategies specifically targeted at these interactions. In addition, stem cell biology and cancer have also been areas of my research in the recent years, which mainly derive from a gene we found to be involved in host control of HIV replication more than a decade ago. Over the past 18-year academic career, I have secured close to $15 million research grants (direct cost) and have continuously been funded during those years, during most of which there are more than one NIH R01 grant.

Active:

Name of Individual: Johnny J. He (PI)
Active/Pending: Active
Project Number (Principal Investigator): R01NS090960 (Johnny J. He)
Source: NIH-NINDS
Title of Project (and/or Subproject): miR-132, a new player in HIV/neuroAIDS
Dates of Approved/Proposed Project: 07/15/2015-06/30/2020
Annual Direct Costs / Percent Effort: $400,000, 30%

The major goals of this project are to determine the molecular mechanisms of miR-132-mediated HIV neurotoxicity.
Name of Individual: Johnny J. He (PI)  
Active/Pending: Active  
Project Number (Principal Investigator): R01DA043162  
Source: NIH-NIDA  
Title of Project (and/or Subproject): HIV infection and latency in astrocytes  
Dates of Approved/Proposed Project: 08/01/2017-07/30/2022  
Annual Direct Costs / Percent Effort: $400,000, 30%  
The major goals of this project are to determine the molecular mechanisms of HIV infection and latency in astrocytes and the roles of HIV latency on astrocyte and neuron function.

#### Pending:

Name of Individual: Johnny J. He (PI)  
Active/Pending: Pending  
Project Number (Principal Investigator): R25GM125587 (Johnny J. He)  
Source: NIH-NIGM  
Title of Project (and/or Subproject): UNT Health Science Center IMSD  
Dates of Approved/Proposed Project: 12/01/2017-11/30/2022  
Annual Direct Costs / Percent Effort: $350,000, 5%  
The major goals of this project are to support the timely completion of PhD degrees of undergraduates from underrepresented groups and their transition into successful biomedical careers.

Name of Individual: Johnny J. He (PI)  
Active/Pending: Pending (scored 46, will be resubmitted on 05/07/2017)  
Project Number (Principal Investigator): R25DA037186 (Johnny J. He)  
Source: NIH-NIDA  
Title of Project (and/or Subproject): Asian Americans/Pacific Islander Science Network Summer HIV/AIDS-Addiction Research Program (AAPI-SHARP)  
Dates of Approved/Proposed Project: 12/01/2017-11/30/2022  
Annual Direct Costs / Percent Effort: $100,000, 5%  
The major goals of this project are to set up a nationwide summer internship program to attract and train young promising students from senior high schools and colleges of AAPI origins for biomedical career with a long-term goal to increase the biomedical workforce diversity.

Name of Individual: Johnny J. He (PI)  
Active/Pending: Pending (unscored, to be resubmitted)  
Project Number (Principal Investigator): R01AA026181 (Johnny J. He)  
Source: NIH-NIAAA  
Title of Project (and/or Subproject): Molecular mechanisms of HIV-accelerated liver
The major goals of this project are to determine the molecular mechanisms of HIV-1 Nef transfer from HIV-infected cells to hepatocytes and its contribution to altered lipid metabolism in the hepatocytes and eventual liver disease progress.

The major goals of this project are to determine the role of IL-18 in HIV/HCV co-infection-associated neuropathogenesis.

The major goals of this project are to determine Sam68 function in HIV-1 replication, cytoplasmic modification, and translation.

The major goals of this project are to determine the molecular mechanisms of GFAP-mediated HIV-1 Tat neurotoxicity and its potential as a novel HIV/neuroAIDS biomarker.
Active/Pending
Project Number (Principal Investigator): R21DA029428 (Johnny J. He)
Source: NIH-NIDA
Title of Project (and/or Subproject): HIV interaction with drugs of abuse and adult neurogenesis
Dates of Approved/Proposed Project: 01/01/10-12/30/12
Annual Direct Costs / Percent Effort: $150,000, 10% effort

The major goals of this project are to create a novel mouse model to study HIV interaction with drugs of abuse and its effects on adult neurogenesis.

Name of Individual:
Completed
Project Number (Principal Investigator): R01 NS39804 (Johnny J. He)
Source: NIH-NINDS
Title of Project (and/or Subproject): Mechanisms of HIV-1 entry and pathogenesis in astrocytes
Dates of Approved/Proposed Project: 04/01/00-03/31/10
Annual Direct Costs / Percent Effort: $225,000, 20% effort

The major goals of this project are to determine the role of astrocyte infection of HIV-1 in AIDS-induced neuropathology.

Name of Individual:
Johnny J. He (PI)
Active/Pending
Project Number (Principal Investigator): R21DA022986-01 (Johnny J. He)
Source: NIH-NIDA
Title of Project (and/or Subproject): Use a novel Tat transgenic model to develop NeuroAIDS therapeutics
Dates of Approved/Proposed Project: 09/01/06-08/31/09
Annual Direct Costs / Percent Effort: $150,000, 10% effort

The major goals of this project are to develop therapeutics targeted at HIV-1 associated neurological diseases.

Name of Individual:
Johnny J. He (PI)
Active/Pending
Project Number (Principal Investigator): R21 AA017407 (Johnny J. He)
Source: NIH-NIAAA
Title of Project (and/or Subproject): Alcohol abuse in a small rodent neuroAIDS model
Dates of Approved/Proposed Project: 04/01/07-3/31/10
Annual Direct Costs / Percent Effort: $150,000, 5% effort

The major goals of this project are to determine alcohol interaction with HIV Tat protein.
The major goals of this project are to determine the prevalence and nature of HIV-associated neurologic and neuropsychologic disorders in China.

The major goals of this project are to share the US experience in basic and clinical research in drug abuse and HIV/HCV comorbidity with Chinese counterparts.

The major goals of this project are to share the US experience in basic and clinical research in drug abuse and HIV/HCV comorbidity with Chinese counterparts.

The major goals of this project are to determine the significance of HIV-1 Tat protein binding to LRP and LRP ligands in AIDS-associated neuropathologies.
The major goals of this project are to determine the feasibility of eradicating HIV and its infected cells through a specific HIV envelop ligand-induced autophagy.

The major goals of this project were to characterize the entry pathway of HIV-1 into astrocytes and to clone the CD4-independent HIV-1 receptor.

The major goals of this project were to determine the underlying mechanisms of Tat-induced neuronal apoptosis followed by HIV-1 infection.

The major goals of this project were to determine the relationship between HIV-1 Nef
protein, astrocyte mitochondrial dysfunction, and astrocyte apoptosis.

Name of Individual: Johnny J. He (PI)
Active/Pending: Completed
Project Number (Principal Investigator): #023806-30 (Johnny J. He)
Source: Showalter W. Grace Foundation
Title of Project (and/or Subproject): HIV-1 Nef protein and astrocyte apoptosis
Dates of Approved/Proposed Project: 07/01/02-06/30/04
Annual Direct Costs / Percent Effort: $60,000, 10% effort

The major goals of this project are to determine molecular mechanisms of HIV-1 Nef expression-induced astrocyte apoptosis and its role in neuron survival.
CURRICULUM VITAE

MARY ELIZABETH HERRING, J.D.

Address: Post Office Box 176
Wellborn, Texas 77881

Telephone: Cell: 979/224-0824

Email: maryelizabeth@aggienetwork.com

Personal: Place of Birth: Rolling Fork, Mississippi

University: Texas A&M University
B.A. Political Science, 1983

Legal Education: South Texas College of Law
Doctor of Jurisprudence, 1986

Licensure: State Bar of Texas 1987
Federal District Court 1989

Professional Organizations:
American Society of Law, Medicine & Ethics
American Health Lawyers Association
Association for Practical & Professional Ethics
State Bar of Texas
State Bar College (Honor Society of Lawyers chartered by the Supreme Court of Texas)

Community Service:
Hospice Brazos Valley, Board of Directors, Chair 2012-2013
(Board member 2007-2017)
Rotary International
Ducks Unlimited member (Advisor to TAMU student chapter 2002-2010)
College Station Planning & Zoning Commission, 1991-1994

Texas A&M University HSC College of Medicine Service:
Chair, Department of Humanities in Medicine, 2013-2014
Curriculum Committee, Innovations Subcommittee, Chair, 2011-2014
Curriculum Phase I Committee, 2010-2015
Curriculum Phase II Committee, 2010-2015
Curriculum Phase IV Committee, 2005-2015
Student Promotions Committee 2003-2015
Task Force on Professionalism 4- Year Curriculum Development, Co-Chair, 2009
Year III Curriculum Committee: Co-Chair Vertical Integration 2009
Search Committee: Senior Associate Dean for Academic Affairs, 2007
HSC E-Learning Committee, 2006-2009
HSC Faculty Senate, 2007-2011
COM Executive Committee, 2003-2008
Faculty Advisory Committee 2002-2008 (Chair 2003--2007)
Search Committee: Dean, College of Medicine, 2003

Texas A&M University and University System Service:
Texas A&M University Faculty Senate, College Representative 2015-2016
Senior Faculty Representative to American Assoc of Medical Colleges
    Committee on Faculty and Academic Societies 2014-2016
TAMHSC Compliance Task Force, 2011-2012
Texas A&M University System Institutional Review Board #2, 2004-2011
    (Chair, 2008-2011)
Human Subjects Protection Program, Executive Committee 2008-2011
Texas A&M University Blue Ribbon Committee on Greek Affairs, 2011-2016
Lady Aggie Maroon Club, Board of Directors (2 terms)
Faculty Club, Board of Directors (2 terms)
Friends of the Sterling C. Evans Library
Memorial Student Center Council, Faculty - Former Student Rep.
Texas A&M University Press Advisory Board, 1993-95
Corps of Cadets Committee to Enhance Academics, Founding Chair
President’s Committee for a Discrimination Free Campus
President’s Visual Arts Committee

Faculty Advisor to Student Organizations:
    Beta Theta Pi Fraternity 2001-2016 & Chapter Counselor, 2016-present
    Company L-1, Corps of Cadets, 1990-2013
    TAMU Student Chapter Ducks Unlimited 2002-2009
    MSC Council, 1990-97
    Pi Kappa Alpha Fraternity, 1996-97
    Bonfire Reload Crew, 1991-96
    1994 Aggie Muster Committee

Honors & Awards:
    2015 Outstanding Non-Clinical Faculty Teaching Award, Class of 2015
    2013 “Modeling Excellence in Teaching” Certificate TAMU COM
    2011 National Advisor of the Year, Beta Theta Pi national Greek letter fraternity
    2009 South Central U.S. Outstanding Friend of Beta Theta Pi (Advisor Award)
    2008 Class of 2008 Student Friend Award, Temple Campus, College of Medicine
    2007 Class of 2007 Student Friend Award, Temple Campus, College of Medicine
    2006 Outstanding Greek Advisor Award
    1995 Corps Regiment Advisor Award
    1993 Outstanding Corps Academic Advisor Award
    1993 Memorial Student Center (MSC) Distinguished Service Award
    1992 Keynote Speaker, Alpha Phi Omega Banquet
1991 National Committee, National Association of College & University Attys
1991 Keynote Speaker MSC MBA/Law Day
1990-1995 Special Guest Speaker, MSC Fall and Spring Leadership conferences

Academic Appointments:

**Texas A&M University System Health Science Center**

**College of Medicine**

Chair, Department of Humanities in Medicine, May 1, 2013- Jan 1, 2015
(Recommended by search committee and appointed by Dean Sam Shomaker)
Associate Professor, Department of Humanities in Medicine 2006-2015
Becoming a Physician Creator and Course Director (Years I, II and IV) 2013-15
Professionalism Co-Director, Phases I-IV, 2009- 2013
Co-Director of the Four Year Professionalism Curriculum, 2009-2015
Joint Appointment in Family & Community Medicine 1999-2002
Assistant Professor, 1997-2006
Course Coordinator, Medical Humanities M-1 Course 2003-2008
Course Coordinator, “Medical Jurisprudence”, 2002-2015
Medical Jurisprudence faculty 1991- present
Special Assistant to the Vice President for Health Affairs, 1991-1993

**School of Rural Public Health**

Assistant Professor, School of Rural Public Health 1993 -1995

**Texas A&M University College of Business**

1995-1998
Lecturer, Department of Management
Business Law (MGMT 212)

**Texas A&M University System**

Office of General Counsel
1989-1991
Senior Staff Attorney

Prior Professional Employment:

Attorney
Austin, Texas

Research:

2007-2008 Split six-month faculty development leave in Spring 2007 and 2008 with the Texas Medical Board exploring physician disciplinary actions, processes and predictive indicators. (Ten year retrospective study.)

2009: Medical Student Attitude Study, Dept. of Internal Medicine, Scott & White, Temple, TX.

2009: Resident Knowledge Advance Directives study, Dept. of Internal Medicine, Scott & White Internal Medicine Residency, Temple, TX.
Publications:

Colbert C, French, J, Herring ME, Dannefer, E, "Fairness: The Hidden Challenge for Competency Based Postgraduate Medical Education Programmes", has been accepted for publication in Perspectives on Medical Education. 2017

2014 Drafted the Texas Medical Jurisprudence Examination used by the Texas Medical Board required for licensure of all physicians in Texas.


Presentations:

1. Graduate Medical Education and Continuing Education Presentations:

For Hospice Brazos Valley: “End of Life Issues: Practical Information for Healthcare Providers” CEU/CNE, April 7, 2011 St. Joseph Hospital, Bryan, Texas and “End of Life Issues: Practical Information for Physicians” May 23, 2011, CME, St. Mark’s Hospital, Columbus, Texas

“Professionalism and Licensure”, July 1, 2009 Internal Medicine Residency, Scott & White, Temple, TX

“The Texas Medical Board: Facts, Myths, Impressions” John Peter Smith Family Practice residents and faculty, June 4, 2009, Fort Worth, TX

“The Texas Medical Board: Facts, Myths, Impressions” Columbus Medical Clinic, (CME for Physicians), June 9, 2009, Columbus, TX

“The Texas Medical Board: Facts, Myths, Impressions” Scott & White Orthopedic Surgery residents and faculty, March 5, 2009, Temple, TX

Graduate Medical Education Presentations to Brazos Family Medicine Residency (2001-20167, Bryan, TX:
“The Texas Medical Board: Facts, Myths, Impressions”
“Negotiating Managed Care and Employment Contracts”
“Medical Records/Informed Consent, Duty to Warn, Documenting Patient Non-compliance”
“Mock Depositions”
“Surrogates and Ethics”
“Elements of the Physician - Patient Relationship”
“Case Studies in Medical Malpractice”
“Overview of Risk Management, Patient Confidentiality, Medical Record Keeping”
“Terminating the Patient Relationship and Avoiding Abandonment”
“Advanced Directives and Surrogate Decision-making”
“HIPAA for Doctors”
“Physician Employment Contracts and Ethical Issues”

2. Presentations by Invitation:
   * “Medical Law and Ethics”, March 5, 2011, keynote address, 3rd Annual High School Bioethics Conference, Texas A&M University, College Station, TX
   * “Legal and Ethical Issues in End of Life Care” Nov. 2010, Scott & White Hospital, Brenham, TX
   * “Texas Medical Board: Facts, Myths & Impressions”, May 11, 2010, Fayette County Medical Society, LaGrange, TX
   * “Texas Medical Board: Facts, Myths & Impressions” February 27, 2010, American College of Surgeons (South Texas) Annual Meeting, Austin, TX
   * “Law and Medicine”, July 7, 2009, National Youth Leadership Forum, College Station, TX
   * First Annual Geriatric Symposium, May 8, 2009, Moderator, College Station, TX
   * “The Texas Medical Board: Facts, Myths, Impressions” CME presentation, March 5, 2009, Grand Rounds, Orthopedic Surgery Dept, Scott & White, Temple, TX
   * “The Texas Medical Board: Facts, Myths, Impressions” CME presentation, March 27, 2009 Grand Rounds, OB/GYN Dept, Scott & White, Temple, TX
   * “The Texas Medical Board: Facts, Myths, Impressions” CME presentation November 2008, Meeting of the Medical Staff, The Med, College Station Medical Center, College Station, TX
   * September 2008 Ethics Grand Rounds with Dr. Charles Sanders at Scott & White Dept. of Orthopedic Surgery, Temple, TX
   * 2007-2008 Presentations by invitation to Corpus Christi Family Practice Residency and CME for Scott & White Residencies in Anesthesia, Internal Medicine, General Surgery Fall 2007- Spring 2008, Temple, TX
   * “The Texas Medical Board: Facts, Myths, Impressions” CME presentation for physicians in Brenham, TX sponsored by Hospice Brazos Valley, February 2008
   * “Advance Directives and Medical Powers of Attorney” presented by Hospice Brazos Valley to St. Joseph’s Medallion Club members, April 2008, Bryan, TX
   * National Youth Leadership Forum, 2006, “Medical Ethics”, College Station, TX
   * JAMPS instructor, Summer 2003, 2004, 2006, 2007 “Medical Ethics” and
“Medical Law”, hosted by Texas A&M College of Medicine, College Station, TX
*American College Health Assn. Annual Meeting, June 3, 2005 “ HIPAA and Research” Panel Presentation, San Diego, CA
*Scholarly Paper: “Ethical Responsibilities and Dilemmas Confronting IRB Members” at the Illuminating Ethical Leadership Conference sponsored by the RTF Institute for Leadership, Ethics and Character, October 2005, Kennesaw State University, Atlanta, GA.
* “Medical Law or Legal Medicine: Educating Medical Students for the Real World”, AAMC Annual meeting, November 2005, Washington, D.C.
*AMSA (American Medical Students Assoc.) “Physicians and the Law” Feb. 26, 2003, College Station, TX
*Memorial Student Center Conversations, featured guest, April 2, 2003, College Station, TX

CME Courses developed:

1. Continuing Medical Education Coordinator and speaker, “Practical Ethics for Physicians” an 8 hour ethics CME program, June 25, 2011, Fort Worth, TX
   Presentations given: “Confidentiality and Communication”, “Terminating the Physician-Patient Relationship”, “Medical Record-Keeping” and “Avoiding problems with the TMB”. (Repeated an eight hour ethics CME course for physicians created in 2010 with the addition of a separate half day for nurses for CNE credit).

2. Continuing Medical Education Coordinator and speaker, “Practical Ethics for Physicians” an 8 hour ethics CME program, June 12, 2010, Round Rock, TX
   Presentations given: “Confidentiality and Communication”, “Terminating the Physician-Patient Relationship”, “Medical Record-Keeping” and “Avoiding problems with the TMB”. (Created an eight hour ethics CME course for physicians).

3. Course Developer and Coordinator of Child Abuse Nurse Examiner Course, July 21-22, 2006, College Station, TX

Undergraduate Medical Education courses developed:
Becoming A Physician, I, II and IV (2013-2015) This course combined several “threads” that had been taught in separate courses (professionalism, ethics, palliative care/end of life, communication, jurisprudence and humanities) into one integrated case-based, multi-semester course.

Professionalism I (2010) Required course given annually, Fall and Spring.

Professionalism II (2010) Required course given annually, Fall and Spring.

Second year selective in Medical Law (1999-present)(“selectives” are required second year Humanities electives where students may choose from among a variety of topics).

Fourth year elective in medical law and ethics (2006-present).
Fourth year jurisprudence and practice management course.

Developed a joint medical school-law school course in medical jurisprudence with Charles J. Weigel at South Texas College of Law in 1994 and initiated discussions about a similar course with Maxine Harrington at Texas A&M Law School in 2015.

Formal Mentorship:

- Spring 2009, Graduate Teaching Academy, Texas A&M University, Teaching mentor to Rizgar A. Mohammed Ameen Shwani
- 1999-2015 Multiple medical student mentorships through the Leadership in Medicine Mentorship Program

Professional Development:

- AAMC Executive Development Program for Department Heads and Assistant Deans, 2014
- Teaching Professors Conference 2014
- AAMC Mid-Career Women Faculty Professional Development Seminar, December 6-9, 2008
- Texas A&M University Center for Teaching Excellence, various courses, 1999-2004

Enhancement of Teaching Skills/ Education Grand Rounds:

1) 08/19/04 - NBME EXAM QUESTION ITEM WRITING WORKSHOP
2) 04/21/06 “Teaching Skills for Faculty” Dr. Paul Casella
3) 10/09/08 “Giving an Effective Scientific Presentation” (Dr. Barbara Gastel)
4) 10/16/08 – Tina Thompson, Ph.D. and Robert Donner, M.D., Mercer University School of Medicine, “Small Group Teaching and Learning Workshop”
5) 03/25/09 - Robert B. Hash, M.D. & Mark C. Sadoski, Ph.D., “Effective Medical Schools: Research and Practice”, Education Grand Rounds
6) 08/26/09 - Suzanne Shurtz, MLIS and Catherine Pepper, MLIS, MPH, "Rx for Learning: Library Resources for Medical Education", Education Grand Rounds
7) 09/23/09 - Paul E. Ogden, M.D., "Medical Education for the 21st Century. Where Are We Going?", Education Grand Rounds
8) 09/30/09 - Daniel W. Bradford, M.D., M.P.H., Durham VA Medical Center and Duke University Medical Center, “Psychiatry’s Role in Supporting the Recovery of Persons with Severe Mental Illness: Enhancing Biomedical Perspectives with Recovery Concepts”, Education Grand Rounds
9) 03/30/11, COM Education Grand Rounds, Nancy Searle, Ed.D., Baylor College of Medicine, “Issues To Be Considered When Starting and Maintaining a Successful Academy of Medical Educators”
10) 06/04/12 Phase II “Team Based Learning” Demonstration, Drs. West and Graham
11) 07/27/12 “Team Based Learning for Health Science Educators” Workshop and Grand Rounds by Dr. Ruth Levine
12) 08/28/12 Small Group Faculty Training, Drs. West and Graham
   Modeling Excellence in Teaching Series sponsored by College of Medicine Office of Faculty Development:
13) 09/25/12 “What is Excellence in Teaching”, Drs. Graham and West
14) 11/13/12 “The Stanford Model of Teaching”, Jeffrey Clark, D.O., Vice Chair, Dept. of Neurology and Associate Professor, Internal Medicine, Scott & White, Temple, TX
15) 01/15/13 “Assessment in Active Learning”, Drs. William Koss and Christian Cable.
Curriculum Vitae
Eric H. Hubli, MD, MHCM

CURRENT TITLE: Director of Craniofacial and Cleft Care, Plastic and Craniomaxillofacial Surgeon, Chief System Effectiveness Officer

BUSINESS ADDRESS: Cook Children’s Medical Center, Fort Worth, Texas

CONTACT INFORMATION: Eric.Hubli@cookchildrens.org, 682-885-3311, 682-885-7770

UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1979-1983</td>
<td>B.S. Biologyy, <em>(Magna Cum Laude, Phi Beta Kappa)</em></td>
<td>Boston College, Chestnut Hill, MA</td>
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GRADUATE EDUCATION:

<table>
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<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1983-1987</td>
<td>Doctor of Medicine</td>
<td>Tufts University School of Medicine, Boston, MA</td>
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<tr>
<td>2006-2008</td>
<td>Master of Health Care Management</td>
<td>Harvard University School of Public Health, Boston, MA</td>
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POSTGRADUATE TRAINING:

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<tr>
<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
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<tr>
<td>1987-1991</td>
<td>Internship and Residency, General Surgery</td>
<td>Baystate Medical Center, Springfield, MA</td>
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<tr>
<td>1981-1993</td>
<td>Residency, Plastic and Reconstructive Surgery</td>
<td>Lahey Clinic Medical Center, Burlington, MA</td>
</tr>
<tr>
<td>1993-1994</td>
<td>Fellowship, Craniomaxillofacial Reconstructive Surgery</td>
<td>International Craniofacial Institute, Cleft Lip &amp; Palate Treatment Center, Dallas, TX</td>
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BOARD CERTIFICATION:

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<tr>
<th>Year Certified</th>
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<tr>
<td>1988</td>
<td>NBME</td>
<td>National Board of Medical Examiners</td>
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<tr>
<td>1996 2006 2016</td>
<td>ABPS</td>
<td>American Board of Plastic and Reconstructive Surgery</td>
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**Licensure:**

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<th>Year Granted</th>
<th>Agency/State and License #</th>
<th>Expiration/Comments</th>
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<tr>
<td>1989</td>
<td>Massachusetts Board of Medicine, 70559</td>
<td></td>
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<tr>
<td>2003</td>
<td>Expired - moved</td>
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</tr>
<tr>
<td>1993</td>
<td>Texas Medical Board, J3499</td>
<td>Current as of 2017</td>
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<tr>
<td>1999</td>
<td>Virginia Board of Medicine, 0101223974</td>
<td>2010 Expired – moved</td>
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<tr>
<td>2000</td>
<td>Maryland Board of Physicians, D55912</td>
<td>2005 Expired – moved</td>
</tr>
<tr>
<td>2000</td>
<td>District of Columbia Board of Medicine, 32428</td>
<td>2002 Expired – moved</td>
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<tr>
<td>2002</td>
<td>Arkansas State Medical Board, E-3168</td>
<td>2008 Expired – never used</td>
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**Employment**

**Professional Experience:**

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<tr>
<th>Years</th>
<th>Title(s)</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1994-2000</td>
<td>Craniofacial and Plastic Surgeon</td>
<td>International Craniofacial Institute, Cleft Lip &amp; Palate Treatment Center, Dallas, TX</td>
</tr>
<tr>
<td>2000-2001</td>
<td>Co-Director of the Craniofacial Division of Plastic Surgery</td>
<td>INOVA Fairfax Hospital, Falls Church, VA</td>
</tr>
<tr>
<td>2001-2003</td>
<td>Plastic and Craniomaxillofacial Surgeon</td>
<td>Lewis-Gale Clinic, Salem, VA</td>
</tr>
<tr>
<td>2003-2008</td>
<td>Plastic and Craniomaxillofacial Surgeon</td>
<td>Driscoll Children’s Hospital, Corpus Christi, TX</td>
</tr>
<tr>
<td>2008-Current</td>
<td>Director of Craniofacial &amp; Cleft Care and Craniofacial Surgeon</td>
<td>Cook Children’s Medical Center, Fort Worth, TX</td>
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**Honors and Awards**

<table>
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<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
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<tbody>
<tr>
<td>1983</td>
<td>Order of Cross and Crown, Alpha Sigma Nu, Alpha Epsilon Delta</td>
<td>Boston College, MA</td>
</tr>
<tr>
<td>1986</td>
<td>Annual Scholarship as Outstanding Third Year Medical Student</td>
<td>Baystate Medical Center, Springfield, MA Dept. of Obstetrics and Gynecology</td>
</tr>
<tr>
<td>1991</td>
<td>Department of Surgery Excellence in Teaching Award</td>
<td>Baystate Medical Center, Springfield, MA</td>
</tr>
<tr>
<td>1991</td>
<td>Staff Award for Excellence in Teaching by a Resident Physician</td>
<td>Baystate Medical Center, Springfield, MA</td>
</tr>
</tbody>
</table>
### 1993
- Motion Picture Library of the American College of Surgeons Video Award;
  - American College of Surgeons

### 1994
- Outstanding Paper Award – Texas Society of Plastic Surgery Annual Meeting; "New Uses of Dimineralized Bone: Applications in the Management of Cleft Lip and Palate," Hubli EH, Salyer KE
  - Austin, TX

### 1997
- Honorary Member and Award Recipient for Contributions to Dentistry – Pierre Fouchard Society Annual Meeting
  - Sao Paulo, Brazil

### 1998-2001
- Physician’s Recognition Award in Continuing Medical Education
  - Awarded from American Medical Association

### 2014
- Vitals Compassionate Doctor Award
  - Vitals Awards and Recognition Program - online

### 2015
- Cook Children’s Physician Ladder – Distinguished Consultant Award
  - Fort Worth, TX

### 2017
- Top Doctors Award – voted by peers in the medical field
  - Fort Worth, TX

### ADMINISTRATIVE EXPERIENCE

#### Administrative Duties

<table>
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<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005-2008</td>
<td>Chief Information Officer (CIO)</td>
<td>Driscoll Children’s Hospital, Corpus Christi, TX</td>
</tr>
<tr>
<td>2008-current</td>
<td>Chief System Effectiveness Officer</td>
<td>Cook Children’s Health Care System, Fort Worth, TX</td>
</tr>
</tbody>
</table>

#### Professional & Scientific Committees

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-current</td>
<td>Medical Advisor, Medical Advisory Board Member, Quality Improvement Consultant</td>
<td>The Smile Train Foundation, New York, NY</td>
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</table>

#### PROFESSIONAL COMMUNITY ACTIVITIES

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution/Organization, City, State,</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005-2008</td>
<td>Medical Reporter, “3 Star Health” television news weekly segment</td>
<td>KIII Television, Corpus Christi, TX</td>
</tr>
</tbody>
</table>
Continued (NOT IN CHRONOLOGICAL ORDER)

<table>
<thead>
<tr>
<th>Year Range</th>
<th>Position and Affiliation</th>
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</thead>
<tbody>
<tr>
<td>2010 - 2013</td>
<td>Senior Examiner, National Institute of Standards and Technology (NIST), Board of Examiners for the Malcolm Baldrige National Quality Award, Baldrige Collaborative Assessment Team</td>
</tr>
<tr>
<td>2010 - current</td>
<td>Medical Advisory Board Member, The Smile Train Foundation, New York, New York</td>
</tr>
<tr>
<td>2009</td>
<td>Examiner, National Institute of Standards and Technology (NIST), 2009 Board of Examiners for the Malcolm Baldrige National Quality Award, Baldrige Collaborative Assessment Team</td>
</tr>
<tr>
<td>2006 - 2012</td>
<td>VIP (Volunteers in Plastic Surgery) Committee Member, American Society of Plastic Surgeons</td>
</tr>
<tr>
<td>2004</td>
<td>Board Member and Secretary, Driscoll Physicians Group, Corpus Christi, Texas</td>
</tr>
<tr>
<td>2004</td>
<td>Board Member and Secretary, Valley Physicians Group, McAllen, Texas</td>
</tr>
<tr>
<td>2004</td>
<td>Medical Advisor, CMF Surgical</td>
</tr>
<tr>
<td>2000</td>
<td>Government Relations Committee Member, American Society of Plastic Surgeons</td>
</tr>
<tr>
<td>2000</td>
<td>Chairman, Department of Pediatrics, The North Texas Children’s Hospital at Medical City Dallas Hospital, Texas</td>
</tr>
<tr>
<td>2000</td>
<td>Chairman, Texas Society of Plastic Surgeons, Public Policy Committee</td>
</tr>
<tr>
<td>2000</td>
<td>Executive Committee Member, Medical City Dallas Hospital, Texas</td>
</tr>
<tr>
<td>1998 - 2000</td>
<td>Chief of Pediatric Surgery, The North Texas Children’s Hospital at Medical City Dallas Hospital, Texas</td>
</tr>
<tr>
<td>1999 - current</td>
<td>Fellow, International College of Surgeons</td>
</tr>
<tr>
<td>1999</td>
<td>Texas Society of Plastic Surgeons Representative to the Medicare Carrier Advisory Committee</td>
</tr>
<tr>
<td>1999</td>
<td>Member, Legislative Committee of Texas Society of Plastic Surgery</td>
</tr>
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1998 - current Fellow, American College of Surgeons
1998 - current Fellow, American Academy of Pediatrics
1998 Advisory Board Member, Lorenz Circle of Surgeons
1998 Member, Awards Committee for the Texas Society of Plastic Surgeons
1998 Member, Infection Control Committee, Medical City Dallas Hospital, Texas
1997 - 1998 Member, CME Committee, Medical City Dallas Hospital, Texas
1997 Assistant Chief of Pediatric Surgery, The North Texas Children’s Hospital at Medical City Dallas Hospital, Texas
1997 - 2000 Clinical Faculty of the Plastic Surgery Residency Program at Wilford Hall Medical Center, Lackland Air Force Base, San Antonio, Texas
1994 - 1999 Clinical Instructor in Surgery, Division of Plastic Surgery, Southwestern Medical Center, Dallas, Texas

Professional Affiliations

2004-2008 Nueces County Medical Society
1999-current International Society of Craniofacial Surgery, Active Member
1998 Texas Pediatric Society
1997 Project Imagine Community Plastic Surgery Outreach Program, Co-Founder
1997 Dallas Society of Plastic & Cosmetic Surgeons
1997 Texas Society of Plastic Surgeons
1996-current American Society of Plastic Surgeons, Active Member
1995 Texas Medical Association
1995 American Medical Association
1995-2000 World Craniofacial Foundation, Founding Member and Secretary,
Medical Advisory Board

1994-current American Society of Craniofacial Surgery, Active Member

1994-current American Cleft Palate-Craniofacial Association, Active Member

**Textbook Contributions**


**Publications**

2016  “Zika: From nuisance to ‘genuine threat to public health’,” Checkup Daily – Cook Children’s Newsroom, January

2011  “HIT Insight: Managing Cost, Making Decisions, and Moving Forward to Produce Value”; Child Health Corporation of America; White Paper for Executive Institute; Contributing Editor; December
2004

2001

2000

1999

1999

1998

1998

1998
“Commonly Treated Craniofacial Tumors of the Head and Neck,” Hubli EH. Published on informational website page for The International Craniofacial Institute, Dallas, Texas, February 1998

1998
“Traumatic Deformities of the Craniofacial Structures,” Hubli EH. Published on informational website page for The International Craniofacial Institute, Dallas, Texas, February 1998

1998


1996  "A Guide to Understanding Hemangiomas,” Hubli EH, published as a parent’s guide to hemangiomas by the Children’s Craniofacial Association


Instructional Courses and Invited Faculty

2016  Invited Faculty, Mayo Clinic & Chang Gung Symposium in Reconstructive Surgery, Munich, Germany, October 19-22
2016  Panelist, Mayo Clinic & Chang Gung Symposium in Reconstructive Surgery, Techniques and Management of Cleft Lip and Palate Care, Munich, Germany, October 16

2014  Visiting Professor, Hospital SOBRAPAR, Campinas, Brazil, August 21

2014  Visiting Professor, University of San Paulo, Brazil, “The Smile Train Approach in International Cleft Care, The Lancet Commission on Global Surgery,” Hubli EH, Brazil, August 20

2014  Visiting Professor, University of San Paulo, Brazil, “Holistic Approach to Comprehensive Cleft Care,” Hubli EH, August 19

2014  Visiting Professor, University of San Paulo, Brazil, “Management of Secondary Defect of the Cleft Lip and Palate,” Hubli EH, August 18

2012  Invited Faculty, Mayo Clinic & Chang Gung Symposium in Reconstructive Surgery, Rochester, Minnesota, May 31 - June 3

2010  Invited Faculty, Mayo Clinic & Chang Gung Symposium in Reconstructive Surgery, Rochester, Minnesota, June 25-29

2010  Panelist, Society for Healthcare Consumer Advocacy Annual Conference 2010: Strengthening the Foundation of Patient Advocacy, Pittsburgh, Pennsylvania, April 15

2009  Panelist, Texas Alliance for Patient Services 2009 Annual Conference: Power Tools for Patient Advocacy, Westlake, Texas, September 10


1998  Invited Faculty, AO Synthes First Annual Instructional Course on Distraction Osteogenesis, Chicago, Illinois, August 22-23

1998  Co-Chairman of the ACPA/ASCFS Craniofacial Session IX at the Annual Meeting, ACPA 55th Annual Meeting, Baltimore, Maryland, April 24

1997  Invited Faculty, National Meeting of the Pierre Fouchard Academy, Sao Paulo, Brazil, August 8

1996  Moderator, Surgical Techniques in Cleft Lip and Palate; live surgical demonstrations with Kenneth E. Salyer, M.D., Medical City Dallas Hospital, Dallas, Texas, November 8
1996  Invited Faculty, International Meeting on Cleft Lip/Palate and Craniofacial Deformities, Sao Paulo, Brazil, September 4-5

Professional Presentations

2016  “An Introduction to Process Improvement”, Hubli EH, Cardenas P, Kydd S, Advancing Healthcare Leadership, Cook Children’s Medical Center Educational Program, Texas Christian University, Fort Worth, Texas, October 8

2016  “Smile Train Express: Managing Surgical Quality on a Global Scale”, Hubli EH, Mayo Clinic & Chang Gung Symposium in Reconstructive Surgery, Munich, Germany, October 20

2015  “Changing the Face of Global Surgery: Mission Work 2.0,” Hubli EH, 2015 Pediatric Quality Award, Austin, Texas, November


2015  “Alveolar Bone Grafting: Bridging the Gap with New Ideas,” Hubli EH, VII Brazilian Congress of Cleft Lip and Palate and Craniomaxillofacial Anomalies of 2015, Sao Paulo Brazil, August 28-30

2015  “Orthognathic Surgery in the Cleft Patient,” Hubli EH, VII Brazilian Congress of Cleft Lip and Palate and Craniomaxillofacial Anomalies of 2015, Sao Paulo Brazil, August 28-30

2014  “Organizational Management and Using the Baldrige Criteria,” Hubli EH, presented at the University of North Texas School of Public Health, Fort Worth, Texas, October 8

2014  “Management of Secondary Defect of the Cleft Lip and Palate,” Hubli EH, visiting professor at the University of San Paulo, Brazil, August 18

2014  “Holistic Approach to Comprehensive Cleft Care,” Hubli EH, visiting professor at the University of San Paulo, Brazil, August 19

2014  “The Smile Train Approach in International Cleft Care, The Lancet Commission on Global Surgery,” Hubli EH, visiting professor at the University of San Paulo, Brazil, August 20

2014  “Managing Plagiocephaly,” Hubli EH, presented at the 2014 Pediatric Home Care Conference: Beyond Hospital Walls, Dallas, Texas, September 9
<table>
<thead>
<tr>
<th>Year</th>
<th>Title</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>2012</td>
<td>“How Baldrige Has Impacted Performance Improvement at Cook Children’s,”</td>
<td>Hubli EH, presented at the American College of Healthcare Executives North Texas Chapter</td>
<td>Fort Worth, Texas</td>
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<tr>
<td>2012</td>
<td>“Let’s All Start at the Beginning: A Measured Approach in Managing the Cleft Nose”;</td>
<td>Hubli EH, presented at The Mayo Clinic Symposium in Reconstructive Surgery</td>
<td>Rochester, Minnesota</td>
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<tr>
<td>2012</td>
<td>“A Functional Approach in the Management of Sagittal Synostosis”; Hubli EH, presented at The Mayo Clinic Symposium in Reconstructive Surgery</td>
<td>Rochester, Minnesota,</td>
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<td>2012</td>
<td>“Revolutionizing Care: Advances in Craniofacial Surgery”; Hubli EH, presented at The Mayo Clinic Symposium in Reconstructive Surgery</td>
<td>Rochester, Minnesota,</td>
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<td>2012</td>
<td>“Novel Techniques: The Cleft Patient,” Hubli EH, presented at The Mayo Clinic Symposium in Reconstructive Surgery</td>
<td>Rochester, Minnesota,</td>
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<td>2012</td>
<td>“Managing Physician Relationships: Communicating with the Clinical Staff,” Hubli EH, presented at the Society for Healthcare Consumer Advocacy 2012 Annual Conference</td>
<td>Austin, Texas,</td>
<td>April 17-20</td>
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<td>2012</td>
<td>“Effective Strategies in Healthcare Management,” Hubli EH, presented at the University of North Texas School of Public Health</td>
<td>Fort Worth, Texas,</td>
<td>April 3</td>
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<td>2012</td>
<td>“Leading Cultural Change,” University of North Texas School of Public Health, Hubli EH, University of North Texas,</td>
<td>September 19</td>
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<tr>
<td>2012</td>
<td>“Perspectives in Health Care,” Neeley MBA Healthcare Club Panel Event</td>
<td>Hubli EH, Texas Christian University,</td>
<td>November 5</td>
</tr>
<tr>
<td>2011</td>
<td>“Using Agility and Innovation for Sustainability,” Hubli EH, Tubb LL, Champlin DR, presented at the Texas Quest for Excellence conference</td>
<td>Irving, Texas,</td>
<td>June 28</td>
</tr>
</tbody>
</table>

2011  “The Management of Facial Trauma & Injuries,” Hubli EH, presented at the Cook Children’s Third Annual SPORTS Symposium, Fort Worth, Texas, June 29

2010  “A Primer on Managing a Patient with a Cleft,” Hubli EH, presented to residents at the Mayo Clinic Symposium in Reconstructive Surgery, Rochester, Minnesota, June 29


2010  “Surgical Approaches to the Craniofacial Skeleton,” Hubli EH. Anatomical dissection at the Mayo Clinic Symposium in Reconstructive Surgery, Rochester, Minnesota, June 24


2010  “Cleft Palate Management Infancy to Adulthood,” Hubli EH, presented at the Odessa Regional Medical Center continuing medical education program, Odessa, Texas, March 5

2010  “Converting the Believers: The Use of Internal Marketing to Define and Refine Corporate Culture,” Hubli EH, presented at the Harvard School of Public Health, Cambridge, MA, January 8

2010  “Advances in Cleft Care,” Hubli EH, presented at the Texas Technical University Health Science Center Grand Rounds, Lubbock, Texas, January 4

2009  “Innovations to Cleft Care,” Hubli EH, presented at the International Confederation for Cleft Lip and Palate and Related Craniofacial Anomalies CLEFT 2009 Symposium, Fortaleza, Brazil, September 10-13


2009  “Perplexing Microsurgical Challenges in the Pediatric Craniofacial Arena,” Hubli EH, presented at the Mayo Clinic Symposium, Rochester, Minnesota, June 4-5

2009  “Cleft Palate Management from Infancy to Adulthood,” Hubli EH, presented to the Wesley Medical Center, Wichita, Kansas, January 30


2005  “The Integration of E-Health in a Regional Craniofacial Cleft Lip/Palate Treatment Center,” Hubli EH, Hopkins KS, Reyna M, presented at the American Cleft Palate-Craniofacial Association 62nd annual meeting, Myrtle Beach, SC, April 6

2004  “State of the Art: Management of the Cleft Lip and Palate Patient from Infancy to Adulthood,” Hubli EH, presented at Pediatric Grand Rounds, Valley Baptist Medical Center, Harlingen, Texas, November 17

2004  “Management of the Cleft Lip and Palate Patient from Infancy to Adulthood,” Hubli EH, presented as part of the Evening with an Expert Lectureship Series, Citizens Medical Center, Victoria, Texas, November 2

2004  “An Internet Based Method of Quality Assessment in Distance Medicine: Creating a New Standard of Care,” Hubli EH, presented at the American Cleft Palate-Craniofacial Association 61st annual meeting, Chicago, IL, March 15-20


2003  “Comprehensive Cleft Care: Managing the Patient from Infancy to Adulthood,” Hubli EH, Department of Plastic Surgery Lecture Series, University of North Carolina at Chapel Hill, NC, March

2001  “The Team Approach to Comprehensive Cleft Care,” Hubli EH, presented at Grand Rounds, Prince William Hospital, Manassas, Virginia, March

2000  “A Pediatrician’s Primer on the Diagnosis and Management of the Cleft Lip and Palate Patient,” Hubli EH, presented at Pediatric Grand Rounds, INOVA Hospital for Children, Falls Church, Virginia, September

<table>
<thead>
<tr>
<th>Year</th>
<th>Title</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>1999</td>
<td>“Management of the Cleft Lip and Palate Patient,” Hubli EH, presented as part of the University of Texas at Dallas Speech Pathology Core Curriculum, Dallas, Texas, December 16</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>“The Expanding Role of Distraction Osteogenesis in the Management of Midfacial Deficiencies,” Hubli EH, presented at the AO ASIF Challenges and Advances in Craniomaxillofacial Trauma and Reconstruction Course, Dallas, Texas, November 13-14</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>“An Introduction to Mandibular Distraction,” Hubli EH, presented at the AO ASIF Challenges and Advances in Craniomaxillofacial Trauma and Reconstruction Course, Dallas, Texas, November 13-14</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>“Advances in Midfacial Distraction: The Development of an Internal Multi-planar Device,” Hubli EH, Salyer KE, presented at the AO ASIF FORK Grant Meeting on Distraction Osteogenesis, Zurich, Switzerland, November 6-7</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>“Primary Cleft Nasal Repair,” Hubli EH, Salyer KE, presented at the VIIth Congress of the Polish Society of Plastic, Reconstructive and Aesthetic Surgery, Polanica, Poland, May 27-29</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>“Techniques in Mid-Face Advancement,” Hubli EH, Salyer KE, presented at the VIIth Congress of the Polish Society of Plastic, Reconstructive and Aesthetic Surgery, Polanica, Poland, May 27-29</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>“An Introduction to Distraction Osteogenesis,” Hubli EH, presented at the Alexandre Georgescu Hospital for Children, Bucharest, Romania, May 25</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>“Management of the Cleft Lip and Palate Patient from Infancy to Adulthood,” Hubli EH, presented at the Alexandre Georgescu Hospital for Children, Bucharest, Romania, May 25</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>“Dental Considerations in the Management of the Cleft Lip and Palate Patient,” Hubli EH, presented to the Baylor School of Dentistry Graduate Students, Dallas, Texas, April 27</td>
<td></td>
</tr>
</tbody>
</table>
1998  “Management of the Cleft Lip and Palate Patient,” Hubli EH, presented as part of the University of Texas at Dallas Speech Pathology Core Curriculum, Dallas, Texas, December 3

1998  “Techniques and Recent Advances in Craniofacial Surgery,” Hubli EH, Salyer KE, Hopkins KS, presented at the First International Teleconference on Craniofacial Deformities in conjunction with Fortaleza, Brazil, December 2


1998  “An Introduction to Diagnosis and Management of the Cleft Lip and Palate Patient: The Early Years,” Hubli EH, presented at Medical City Dallas Hospital Pediatric Nurse Lecture Series, March 19

1998  “An Introduction to the Diagnosis and Surgical Management of Craniosynostosis,” Hubli EH, presented at Medical City Dallas Hospital Pediatric Nurse Lecture Series, March 3

1998  “Dental Considerations in the Management of the Cleft Lip and Palate Patient,” Hubli EH, presented to the Baylor School of Dentistry Graduate Students, Dallas, Texas, February 12


1998  “Implications and Management of Cleft Lip and Palate,” Hubli EH, presented at Pediatric Grand Rounds, Children’s Hospital at Medical City Dallas Hospital, Dallas, Texas, January 6
1997  “A Progressive Approach to Bone Fixation and Substitution in the Growing Child,” Hubli EH, Salyer KE, presented at the Biomaterials Symposium, Atlanta, Georgia, August 7-9


1997  “The Evolution of the Team Concept in Cleft and Craniofacial Surgery,” Hubli EH, presented at the annual national meeting of the Pierre Fouchard Academy, Sao Paulo, Brazil, August 8

1997  “Current Concepts and Recent Advances in Distraction Osteogenesis,” Hubli EH, presented at the annual national meeting of the Pierre Fouchard Academy, Sao Paulo, Brazil, August 8

1997  “Cleft Care from Infancy to Adulthood: A Comprehensive Approach,” Hubli EH, presented at the annual national meeting of the Pierre Fouchard Academy, Sao Paulo, Brazil, August 8


1997  “Diagnosis and Management of the Plagiocephalic Patient,” Hubli EH, presented to Dallas area Occupational and Physical Therapy Group, Dallas, Texas, February 28

1996  “The Role of the Pediatric Nurse in the Management of the Craniofacial Patient,” Hubli EH, presented to the Society of Pediatric Nurses, Dallas, Texas, December 3
<table>
<thead>
<tr>
<th>Year</th>
<th>Title</th>
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<tbody>
<tr>
<td>1996</td>
<td>“Management of the Cleft Lip and Palate Patient,” Hubli EH, presented as part of the University of Texas at Dallas Speech Pathology Core Curriculum, Dallas, Texas, October 23</td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td>“Cranial Vault Surgery: Indications for Surgery,” Hubli EH, presented at Hospital Grand Rounds at Medical City Dallas Hospital, Dallas, Texas, October 14</td>
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<tr>
<td>1996</td>
<td>“Cranial Vault Surgery: Indications for Surgery,” Hubli EH, presented to McAllen Pediatric Group, McAllen, Texas, October 9</td>
<td></td>
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<tr>
<td>1996</td>
<td>“Pediatric Nurses in the Team Approach to Craniofacial Surgery,” Hubli EH, presented to the Dallas Pediatric Nurses Association at Medical City Dallas Hospital, Dallas, Texas, September 23</td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td>“The Team Concept in the Management of the Cleft Lip and Palate Patient from Infancy to Adult,” Hubli EH, Genecov EJ, presented at the International Meeting on Cleft Lip/Palate and Craniofacial Deformities, Sao Paulo, Brazil, September 5</td>
<td></td>
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<tr>
<td>1996</td>
<td>“Recent Advances in the Use of Distraction Osteogenesis in the Craniofacial Skeleton,” Hubli EH, presented at the International Meeting on Cleft Lip/Palate and Craniofacial Deformities, Sao Paulo, Brazil, September 4</td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td>“Cranial Vault Surgery: Indications for Surgery,” Hubli EH, Grand Rounds presentation at Valley Medical Center, Harlingen, Texas, August 14</td>
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</table>

1996  "Safety of Total Cranial Vault vs. Partial or Staged Cranial Vault Remodeling,” Hubli EH, Allegra P, Salyer KE, presented at the American Cleft Palate - Craniofacial Association 52nd Annual Meeting, San Diego, California, April 28


1995  "Congenital Craniofacial Deformities: What Can Be Done,” Hubli EH, presented to the McAllen Family Practice Residency Program, McAllen, Texas, November 17


1995  "Management and Treatment of Cleft Lip and Palate,” Hubli EH, presented at the Medical Center of Plano Hospital, Texas Nurses Association, Plano, Texas, August 28


1994  "Demineralized Perforated Bone as an Allograft in the Craniofacial Skeleton,” Hubli EH, Hopkins KS, Bardach J, Kelly K, Salyer KE, presented at the First International Conference on Bone Morphogenic Protein, Johns Hopkins University, Baltimore, Maryland

1994  "Use of Demineralized Bone in the Secondary Correction of Skeletal Deformities Associated with Cleft Lip/Palate," Hubli EH, Salyer KE, presented at the American Cleft Palate - Craniofacial Association 51st Annual Meeting, Toronto, Ontario, Canada


1993  "Free flap Reconstruction of Middle Cranial Fossa Defects," Hubli EH, Erlichman RH, presented at the Senior Residents Conference, San Diego, California

1991  "Free flap Reconstruction of Middle Cranial Fossa Defects," Hubli EH, Erlichman RH, presented at the Biannual Boston Area Plastic Surgery Conference, Boston, Massachusetts

**Video Presentations**

1995  "The Techniques of Mandibular Distraction," visiting lecturer, Hubli EH, video presented at the Riyadh Armed Forces Hospital, Riyadh, Saudi Arabia, January 22-26


1994  "Surgical Management of the Bilateral Cleft Lip and Nose Deformity," Salyer KE, Hubli EH, video presentation at the American Society of Plastic and Reconstructive Surgeons Annual Scientific Meeting, San Diego, California


Meredith Hulsey, DO
3609 Patty Lane Arlington, TX 76016
Cell 972-824-2369
meredithhulsey@gmail.com
CV updated 7/2017

Certifications
12/2009 AP/CP Board Certification & CAP Fellow
MOC approved 1/12, 1/14, 1/16
7/2017 CAP-certified Multi-disciplinary Breast Pathology Specialist

Career
1/2014 – current Pathologist for Ameripath/ Quest
Medical City Arlington, Texas General Hospitals, others
Fall 2015 & Spring 2016 TCU Pathophysiology Nursing Guest Lecturer
10/2012 – 1/2014 Pathologist for ReitPath
Seton Medical Centers Harker Heights, North Austin
11/ 2009 – 9/2012 Pathologist for Propath
John Peter Smith Hospital Fort Worth, TX
Midland Memorial Hospital, Medical Center Hospital of Odessa

Training
4-7/ 2017 CAP Advanced Pathology Practice Breast Specialty Program
7/ 2004 – 7/ 2008 AP/CP residency Baylor University Medical Center Dallas, TX
7/ 2003- 6/ 2004 Ob/Gyn internship St. Joseph’s Christus Hospital Houston, TX
Meredith Hulsey, DO  
3609 Patty Lane Arlington, TX 76016  
Cell 972-824-2369  
meredithhulsey@gmail.com  
CV updated 7/2017

Education

Doctor of Osteopathy  
University of North Texas Health Science Center Fort Worth, TX

9/1995- 8/ 1999  
B. S. Biology  
University of Texas at Arlington Arlington, TX  
Midwestern State University Wichita Falls, TX

Strengths/ Special Interests

Pathology: Cytopathology and FNA procedures; Breast, Gynecologic, & Head and Neck oncology cases; Transfusion Medicine; Hematology

Public Speaking (lecturing, tumor board, HCA Sarah Cannon consultant)

Teaching/ Mentoring:

Guest Lecturer TCU with Dr. Dennis Cheek, Nursing Pathophysiology course

Quarterly lectures for med techs at Medical Center Arlington and Texas General Grand Prairie

3rd and 4th year med students rotating through pathology at JPS

Monthly lectures to Ob/Gyn residents in Odessa and JPS

Administrative leadership:

Medical Lab Director for 1) Texas General Hospital in Grand Prairie, 2) TGH in Grand Saline, and 3) Crescent Medical Center Lancaster

Medical Executive Committee

Credentialing Committee

Chair Blood Utilization Committee

pg. 2 of 2
KARIM S. JAMAL, M.D., F.R.C.P.C.
2901 Merrimac St.
Ft. Worth, TX 76107
817-455-9123
karamanimal@me.com

PRESENT POSITION
Since 2001
Full-time Emergency Room Physician
Harris Methodist Hospital
Downtown Ft. Worth, Fort Worth, TX

PAST STAFF POSITIONS
Full-time Emergency Room Physician (8/99 – 10/01)
John Peter Smith Hospital (Level I), Fort Worth, TX
Walls Regional Hospital ER Asst. Medical Director (Level IV), Cleburne, TX

AMR (American Medical Response) Medical Director – Johnson County

Clinical Assistant Professor of Family Practice (7/95 – 7/99)
University of Texas at San Antonio
(through Memorial Medical Center Family Practice Program In Corpus Christi, TX)

The Hospitalist Group Co-Founder and Medical Director (7/96 – 10/98)
Gulf Coast Medical Clinic, Corpus Christi, TX

Internal Medicine Group Practice (10/94 – 07/96)
Gulf Coast Medical Clinic, Corpus Christi, TX

CERTIFICATION & LICENSURE
Diplomate of the American Board of Internal Medicine
1993 ABIM certifying exam: 97th percentile core component, 98th percentile non-core component

Fellow of the Royal College of Physicians of Canada

Unrestricted Texas Medical License

FELLOWSHIP
1993 – 1994
General Internal Medicine Clinical Fellowship
University of Calgary, Calgary, Alberta
Foothills Hospital/Calgary General Hospital
Concentration in ICU/critical care and cardiology

RESIDENCY
1990 – 1993
Internal Medicine Residency, Core Program
University of Calgary, Calgary, Alberta
Recognition by the Department of Medicine Clinical Clerkship Committee for outstanding teaching in 1991 and 1992

MEDICAL SCHOOL
1986 – 1990
Doctor of Medicine
Queen's University Medical School, Kingston, Ontario

UNDERGRADUATE PROGRAM 1982 – 1986
Bachelor of Science, Magna Cum Laude
Zoology and Chemistry, Texas Tech University, Lubbock, Texas

PROFESSIONAL GOAL
Sometime early in my clinical years, I was rightly taught that "if your only tool was a hammer; you would see everything as a nail." Since then and on many occasions I've relearned this lesson, and have thus resolved to remain broad in my knowledge. In each medical sub-specialty there are a handful of problems that comprise the bulk and it has been my ambition and goal to know these problems well as well as a subspecialist would know them.
Adam Jennings, DO, FAAEM
Director of Medical Simulation
Core Faculty JPS EM residency
Adam.R.Jennings@gmail.com
817-944-6707

UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>2001-2005</td>
<td>B.A. Forensic Scienc, Minor- Biology/Chemistry</td>
<td>Baylor University, Waco, TX</td>
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GRADUATE EDUCATION:

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<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tr>
<td>2007-2011</td>
<td>Doctor of Osteopathic Medicine</td>
<td>Lake Erie College of Osteopathic Medicine, Erie, PA</td>
</tr>
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</table>

POSTGRADUATE TRAINING:

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<tr>
<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>2011-2014</td>
<td>Residency, Emergency Medicine</td>
<td>John Peter Smith Hospital, Fort Worth, TX</td>
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BOARD CERTIFICATION:

<table>
<thead>
<tr>
<th>Year Certified</th>
<th>Board</th>
<th>Specialty</th>
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<tbody>
<tr>
<td>2015</td>
<td>ABEM</td>
<td>Emergency Medicine</td>
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LICENSURE:

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<tr>
<th>Year Granted</th>
<th>Agency/State and License #</th>
<th>Expiration/Comments</th>
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<tr>
<td>2007</td>
<td>TX TMB, FJ3449</td>
<td>August 2019</td>
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</table>
### OTHER PROFESSIONAL EXPERIENCE:

<table>
<thead>
<tr>
<th>Years</th>
<th>Title(s)</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>2014-Present</td>
<td>Emergency Physician</td>
<td>John Peter Smith Hospital, Fort Worth, TX</td>
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<tr>
<td>2015-Present</td>
<td>Emergency Physician</td>
<td>Texas General Hospital, Grand Prairie, TX</td>
</tr>
<tr>
<td>2017-Present</td>
<td>Emergency Physician</td>
<td>Emergis ER, Fort Worth, TX</td>
</tr>
<tr>
<td>2014-2016</td>
<td>Emergency Physician</td>
<td>Huguley Hospital, Burleson, TX</td>
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### CURRENT TEACHING RESPONSIBILITIES:

<table>
<thead>
<tr>
<th>Years</th>
<th>Course/Site</th>
<th>Role</th>
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</thead>
<tbody>
<tr>
<td>2014-2017</td>
<td>Emergency Medicine/JPS</td>
<td>EM Clerkship Director</td>
</tr>
<tr>
<td>2014-2017</td>
<td>Emergency Medicine/JPS</td>
<td>Assistant Residency Program Director</td>
</tr>
<tr>
<td>2017-Present</td>
<td>Emergency Medicine/JPS</td>
<td>Director of Medical Simulation</td>
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### Honors and Awards

<table>
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<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
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<tbody>
<tr>
<td>2016</td>
<td>Teaching Faculty of the year for EM</td>
<td>JPS</td>
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<tr>
<td>2016</td>
<td>Physician of the year in EM</td>
<td>360 West Magazine</td>
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### ADMINISTRATIVE EXPERIENCE

#### Administrative Duties

<table>
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<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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<tbody>
<tr>
<td>2014-2017</td>
<td>Assistant Residency Program Director</td>
<td>John Peter Smith, Fort Worth, TX</td>
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#### Symposium/Meeting Chair/Coordinator

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<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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<tr>
<td>2015-Current</td>
<td>Chair Clinical Competency Committee</td>
<td>JPS, Fort Worth, TX</td>
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## TEACHING RESPONSIBILITIES/ASSIGNMENTS

### Course and Curriculum Development

#### Courses Directed

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<tbody>
<tr>
<td></td>
<td>Emergency Medicine MS-IV Clerkship</td>
<td>12-blocks annually</td>
<td>Medical Students</td>
<td>Avg-8/month</td>
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<tr>
<td></td>
<td>Simulation Curriculum</td>
<td>4x 4hr sessions monthly</td>
<td>EM PGY 1-3</td>
<td>12-16/month</td>
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<tr>
<td>2016-2017</td>
<td>Emergency Med. Preceptor</td>
<td>Number of times the course is taught annually</td>
<td>MSIV elective.</td>
<td>50-60/year</td>
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### Clinical Teaching

<table>
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<tr>
<th>Inclusive years (2014-2017)</th>
<th>Emergency Med. Preceptor</th>
<th>Number of times the course is taught annually</th>
<th>MSIV elective.</th>
<th>50-60/year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-2017</td>
<td></td>
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</table>

### Continuing Education Lectures/Presentations

<table>
<thead>
<tr>
<th>Inclusive years (2014-2016)</th>
<th>Nuts and bolts of EM-Intern orientation</th>
<th>Annual lecture</th>
<th>PGY-I orientation</th>
<th>12</th>
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<tbody>
<tr>
<td>2014-2017</td>
<td>OB Emergencies</td>
<td>Annual lecture</td>
<td>PGY-I orientation</td>
<td>12</td>
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<tr>
<td>2014-2017</td>
<td>Medical student Small group lectures</td>
<td>Weekly Lecture</td>
<td>MSIV EM students</td>
<td>4-10</td>
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</tbody>
</table>

### Other Educational Activities

Adam Jennings, DO, FAAEM
PEER-REVIEWED JOURNAL ARTICLES


BOOK CHAPTERS

Poster presentation

PENDING PUBLICATIONS

Abstract(s)

OTHER PENDING SCHOLARLY ACTIVITY
D. ROHAN JEYARAJAH, MD, FACS
CURRICULUM VITAE

OFFICE ADDRESS
Director of GI Surgical Services,
Methodist Richardson Medical Center,
2831 E. President George Bush Hwy,
Richardson, TX 75082

Director of HPB/UGI Fellowship Program,
Methodist Dallas Medical Center
1441 N. Beckley Ave.
Dallas, TX 75203

OFFICE TELEPHONE (972) 619 - 3500
OFFICE FAX (214) 272 - 8985

E-MAIL drj@tscsurgical.com
rohanjeyarajah@gmail.com

HOME ADDRESS 976 Bethel School Road
Coppell, Texas  75019

PERSONAL DATA
Date of Birth: January 12, 1965
Place of Birth: Colombo, Sri Lanka
Wife: Shemara Keshini
Children: Three

EDUCATION
Brown University
Providence, RI
MD, May 1989

Brown University
Providence, RI
BA Biology, 1986

RESIDENCY
University of Chicago
Chicago, IL
General Surgery
1989 – 1991

FELLOWSHIP
University of Chicago
NIH Fellowship in Transplant Immunology
1991 – 1993

Baylor University Medical Center
Transplant Surgery Fellow
1996 – 1997

LICENSURE Texas – K3263

BOARD CERTIFICATION
American Board of Surgery, 1997/ recertification 2005
Fellow, American College of Surgeons, 2000
APPOINTMENTS

Methodist Richardson Medical Center
Director, GI Surgical Services
July 2016-present

Methodist Dallas Medical Center
Director, Surgical Oncology
Sept 2005-July 2016

Methodist Dallas Medical Center
Director, HPB/ Upper Gastrointestinal Surgical Fellowship
July 2006-Present

Methodist Dallas Medical Center
Vice Chair, Clinical Research Institute-Research Advisory Board
2013-Present

University of North Texas Health Science Center
Adjunct Clinical Associate Professor of Surgery
2012-Present

Uniformed Services University of the Health Sciences
Adjunct Assistant Professor of Surgery
2015 - Present

University of Texas Southwestern Medical Center, Dallas, Texas
Associate Professor, Department of Surgery
2003 – 2005

University of Texas Southwestern Medical Center, Dallas, Texas
Director, Surgical Continuing Medical Education
June 2004 –August 2005

University of Texas Southwestern Medical Center, Dallas, Texas
Assistant Professor, Department of Surgery
1997 – 2003

HOSPITAL APPOINTMENTS

Methodist Dallas Medical Center, Dallas, Texas
Sept 2005-present

Parkland Memorial Hospital, Dallas, Texas
Attending Surgeon
1997 – 2005

Zale Lipshy University Hospital, Dallas, Texas
Staff Surgeon
1997 – 2005
Veterans Administration Medical Center, Dallas, Texas
Staff Surgeon
1997 – 2005

St. Paul Medical Center
5909 Harry Hines Blvd.
Dallas, Texas 75235
Staff Surgeon, 2001 – 2005

GRANTS AND CONTRACTS

SIRTEX
February 2013-2015
Title: FIREFOX global study of Sirspheres Microspheres with FOLFOX in metastatic, unresectable colorectal cancer.
Role: Principle investigator

National Institute of Health (NIH)- R21 application
Scored 2/05- 159 (funded)
Title: Mechanism of Hepatic Control of E. Coli infection
Role: Principle Investigator

Surgical Infection Society – Jr. Faculty Fellowship Award
July 2001 – June 2002
Title: Acute Effects of Biliary Obstruction on Hepatic Response to Infection
Role: Principal Investigator

NIH - Grant #K08 DK02731
July 2000 - June 2005
Title: Acute Ischemic Renal Failure and Kidney-Liver Crosstalk
Role: Collaborator
Principal Investigator – Mariusz Kielar, MD

NIH – Project #R01 DK 54304
April 1999 - March 2003
Title: Renal Protection by Docosahexaenoic Acid
Role: Collaborator
Principal Investigator – Christopher Lu, MD

American Heart Association – Grant # 99660143Y
July 1999 – January 2002
Title: The Role of Liver Immunologic Activation in Other Organs Ischemia
Role: Collaborator
Principal Investigator – Mariusz Kielar, MD
American Heart Association, Texas Affiliate – Grant # 98BG054
Title: Mechanism of action of docosahexaenoic acid (DHA) in ameliorating cardiac allograft rejection
Role: Principal Investigator

ASSOCIATION MEMBERSHIPS

American Association for the Study of Liver Diseases  
Fellow, American College of Surgeons  
American Gastroenterological Association  
American Hepato-Pancreato-Biliary Association  
American Physiological Society  
American Society of Transplant  
Association for Academic Surgery  
Dallas County Medical Society  
Parkland Surgical Society  
Society for Surgery of the Alimentary Tract  
Society of Surgical Oncology  
Surgical Infection Society  
Society of American Gastrointestinal and Endoscopic Surgeons  
Texas Medical Association  
University of Chicago Surgical Society

COMMITTEES

American College of Surgeons Governor (October 2014- ongoing)  
Chair, HPB Program Directors Committee AHPBA- 2009 – present  
Co-Chair Education and Training Committee- AHPBA 2010-2013  
Education Committee- American Hepato-Pancreatico-Biliary Association-August 2007- present  
Co- chair Accreditations Committee of the Fellowship Council (2011-2012)  
Chair, Fellowship Council Accreditation Committee (2012-2014)  
Vice President of the Fellowship Council (2014- present)  
Nominating Committee Fellowship Council-2011-ongoing  
Site reviewer Fellowship Council- 2008-present  
Membership Committee- Fellowship Council- 2009- present  
Member Committee Fellowship Council- 2008- present  
President North Texas American College of Surgeons (2015-present)  
Vice Chair Giving Back Committee – Society for Surgery of Alimentary Tract (2015-present)  
Member, Training Committee, SSO- 2013- present  
Disparities Committee- Society of Surgical Oncology (2009-2012)  
CME committee- Society of Surgical Oncology (2011-2013)  
Training Committee –Society of Surgical Oncology (2013-present)  
Abstract Review Committee for 2005 Congress – Biliary Area  
Research Committee – Surgical Infection Society-2004-2006  
Reviewer Alimentary Pharmacology and Therapeutics  
Reviewer Surgery  
Reviewer J Surg Onc
Reviewer *World Journal of Surgery*
Reviewer *Pancreas*
Reviewer *Archives of Surgery*
Co-chair program committee of the North Texas Chapter of ACS (2011-present)
Program chair: An Update in HPB Surgery for the Community Surgeon SSO March 2011
Diversity and inclusion task force of the SSAT (2013-current)
Member of the research advisory council, Methodist Research Institute (2013-current)
Expert Panelist for Texas State Board of Medical Examiners (2013-current)

**Methodist Dallas Medical Center**
Member-Steering committee outpatient surgicenter-Methodist Dallas Medical Center 2009-2010
Member "Destination Medical Center" Advisory and steering group- 2012- present
Operating room committee Methodist Dallas Medical Center-2013-present
Member- Steering committee cancer program-Methodist Dallas Medical Center 2005-present
Tumor Board leader- 2005-present
Utilization review committee-Methodist Dallas Medical Center 2006- present
Health Information Management Committee-2011-present
Cancer committee- Methodist Dallas Medical Center- 2006-present
Oncology Action Committee- 2008-present

**UT Southwestern Medical Center**
Pharmacy and Therapeutics Committee
Residency Review Committee 2000- 2005
JCAHO Coordinator of Surgical Services-2000
Faculty Senate Representative / Dept. of Surgery-2003- 2005
Director / Current Topics in General Surgery – May 2004/2005
Director / Surgical Continuing Medical Education UTSW – June 2004 - 2005
Executive Committee, Student & Curriculum Committee – June 2004- 2005
Surgery Student Education Committee- 1999- 2005

**HONORS AND AWARDS**
Outstanding Teacher award, Southwestern medical school-2008-2009
Outstanding Teacher award, Southwestern medical school-2007-2008
Keynote speaker memorial for cadaver donation- Feb 2009
Outstanding lecture first year medical student award- 2007
Faculty Marshall at Medical School graduation 2004 and 2005
GI Fellows Teacher of the Year Award 2002
Outstanding Achievement in Resident and Student Teaching Award, 1999
Golden Apple Teaching Award, 1996
Alpha Omega Alpha Teaching Award, 1996
Coller Memorial Traveling Scholarship, 1995
Young Investigator's Award, 1994
International Congress of Transplantation, Kyoto, Japan
National Institute of Health Training Grant, 1991-1993
Henry Randall Award in Surgery, 1989
Sidney A. Kane Memorial Fellowship, 1987-1989
FELLOWS TRAINED

Roozbeh Rassadi, MD FACS 2006-2007 Currently in practice Scottsdale AZ.

Christos Galanopoulos, MD FACS 2007-2008 HPB Surgeon Reno, NV.

David Curtis, MD 2008-2009 Assistant Professor University of Connecticut School of Medicine.

Derrick Christian, MD FACS 2009-2010 Assistant Professor Seton Hall, New Jersey.

Kevin Lowe, MD July 2010- 2011 HPB/Foregut Surgeon Akron General Hospital, Akron, OH.

Veeraiah Siripurapu, MD July 2011- 2012 Currently in practice Lankenau Medical Center, Wynnewood PA.

Houssam Osman, MD July 2012- 2013 Attending HPB Surgeon, Methodist Richardson Medical Center, Dallas TX.

Shirali Patel, MD- 2013-2014 Attending Surgeon, St Agnes Hospital, Baltimore, MD.


M. Umar Butt, MD – 2015- 2016 Attending General and Trauma Surgeon, EmCare Acute Surgical Care Specialists, Lewisville, TX.

PUBLICATIONS

Chapters


Journals


CD154 expression in chronic liver diseases.


46. Sokolich, J, MD, Gonzalez, MV, MD, Jeyarajah, DR, MD, Rassadi, RR, MD, Dunn, E, MD. Hepatic echinococcal cyst presenting as anaphylactic shock. DMJ. 94 (3), 2008 March.


63. Jeyarajah, DR, Khithani, A, Siripurapu, V, Liu, E, Thomas, A, Saad, AJ. Lymph node retrieval in pancreaticoduodenectomy specimens: does educating the pathologist matter? HPB (Oxford) 2014 Mar; 16(3); 262-6

65. Osman, H, Parikh, J, Patel, S, **Jeyarajah, DR.** Are general surgery residents adequately prepared for hepatopancreaticobiliary (HPB) fellowships? Questionnaire based Study. HPB(Oxford) 2-14 Nov 11 (Epub)


80. Ali, N, O’Rourke, C, el Hayek, Chalikonda, S, **Jeyarajah, DR**, Walsh, M. If you build it, they will come: estimating demands for HPB surgeons in the United States. (In press HPB.)


82. Osman, H, Siripurapu V, Thomas, A, Liu, E, **Jeyarajah, DR**. Why reconstruct the Superior Mesenteric Vein in resectable pancreatic cancer when the Superior Mesenteric Artery margin is positive? *In Review*.


84. Butt MU, Kenyon C, Osman H, **Jeyarajah DR**. Adult onset Ganglioneuroblastoma of the Duodenum: Case report and review of the Literature. *In Review*


86. Outcomes based on Resection Status for Pancreatic Adenocarcinoma in Patients undergoing Pancreatoduodenectomy via “Superior Mesenteric Artery - First Approach”. Butt MU, Thomas A, Osman H, **Jeyarajah DR**. *In Review*


88. **Jeyarajah DR**, Kielar ML, Lindberg G, Gokaslan ST, Lu CY. Hepatic IL10 and IL1RA response to bile duct ligation ameliorates pancreatitis. *In review*

89. Butt MU, Osman H, **Jeyarajah DR**. Pancreatic Surgery Practice Patterns - Are we really the same? *In Preparation*
90. Butt MU, Sheikh MR, Osman H, **Jeyarajah DR**. Change in Perception of training in Hepato-pancreato-biliary Surgery among Senior General Surgery Residents: AHPBA Fellowships on the rise. (*In Preparation*)


**Abstracts**


22. Hamilton L, Papaconstantinou P, Naylor RA, Tchorz K, Bergen P, Purdue G, **Jeyarajah DR**. Change in Students’ Perspectives of Surgeons as they progress through Medical School American College of Surgeons meeting. Oct 2005.


30. Christos A. Galanopoulos, Gong A. Lee, Girish P. Joshi, **Jeyarajah, MD.** A Novel use of On Q pain pumps during pancreaticoduodenectomy: Celiac ganglia placement.


33. David Curtis M.D, Amit Khithani MBBS, Maggie White RN, **D. Rohan Jeyarajah MD.** No ICU post pancreaticoduodenectomy: A reality, even with debilitated patients. SSO, Phoenix AZ. March 2009.

34. David Curtis MD, Amit Khithani MBBS, Allison Vo RN, **D. Rohan Jeyarajah MD.** Pancreaticoduodenectomy (PD) at a non-university tertiary care center (NUTCC).Outcomes and feasibility. SSO, Phoenix AZ. March 2009.


37. David Curtis, MD, Amit Khithani, MBBS, A. Joe Saad, MD, **D. Rohan Jeyarajah, MD.** Margin status with a standardized protocol for the sectioning of pancreaticoduodenectomy specimens. AHBPA, Miami Beach. April 2009.


44. Siripurapu, V, Liu, E, Khithani, A, **Jeyarajah, DR.** Pancreatectoduodenectomies in High Volume Centers; Direct transfer to floor improves Length of Stay without affecting morbidity or mortality. (Poster Presentation) SSO. March 2012.


46. Siripurapu, V, Liu, E, Winston, T, **Jeyarajah, DR.** Pancreatectoduodenectomies in High Volume Centers; Direct transfer to floor improves Length of Stay without affecting morbidity or mortality. (Poster Presentation) North Texas Chapter-ACS. February 2012.


61. Osman, H, Thomas, A, Jeyarajah, DR. Not All Nodes Are the Same: Nodal Stations Variability in Pancreaticoduodenectomy (PD) and Role In Decision Making. (Oral Poster Presentation) AHPBA. February 2013.


72. **Cheek, S, Patel, S, Osman, H, Jeyarajah, DR.** The benefits of laparoscopic pancreatectomy: it does make a difference (Oral Poster Presentation) AHPBA 2014.

73. **Cheek, S, Patel, S, Osman, H, Jeyarajah, DR.** Differences in outcomes in pancreaticoduodenectomy (PD) in the modern era: does a malignant diagnosis make a difference? (Oral Poster Presentation) AHPBA 2014.

74. **Cheek, S, Patel, S, Osman, H, Jeyarajah, DR.** Concept of the mesopancreas: coining a new surgical anatomical space (Oral Poster Presentation) AHPBA 2014.


77. **Osman, H, Jeyarajah, DR.** The current state of HPB fellowship experience in North America (Oral Poster Presentation) AHPBA 2014.

78. **Sheikh, MR, Osman, H, Cheek, S, Jeyarajah, DR.** Duodenal neuroendocrine tumors- location matters (Oral Poster AHPBA 2015)

80. Watkins, J, Jeyarajah, DR. Use the third arm: a reliable and relevant way to teach robotics. (Poster, SAGES 2015)


84. Watkins, J, Osman, H, Jay, J, Jeyarajah, DR. Minimally esophagectomy may be a good place to transition to robotics: an analysis of the data. (Poster, SAGES, 2015)


86. Predicting the Whipple - The American College of Surgeons NSQIP Surgical Risk Calculator. Butt MU, Adreinwala H, Osman H, Jeyarajah DR. (e-Poster, IHPBA, 2016)

87. Colorectal Liver Metastasis: Timing of Chemotherapy to Resection - We Do Not Need To Wait Too Long! Butt MU, Osman H, Jeyarajah DR. (e-Poster, IHPBA, 2016)


LECTURES


15. American College of Surgeons April 2006. Follow up of patients with neuroendocrine tumors. Dallas, TX.


27. Debate DDW 2011; No they don't: Would you let that 5-year grad do your Whipple? Let my fellow do 50 Whipples, and he will provide better outcomes.


31. Akron general Hospital Cancer Symposium: "Management of metastatic colorectal, breast, and melanoma to the liver". October 2013

32. SSO / HPB Fellow's course leader - November 2012,13 and 14. Cincinnati, OH.

PRESENTATIONS


27. Safety of Minimally Invasive Esophagectomy (MIE) After Neoadjuvant Chemoradiotherapy and as Primary Resection at a Non-University Tertiary Care Center (NUTCC). ISGIO, Philadelphia, October 2009.

28. Amit Khithani, MBBS; Derick Christian, Joshua Barton, MD; John Jay, MD; **D. Rohan Jeyarajah**, MD. ONCOLOGIC EFFICACY OF MINIMALLY INVASIVE ESOPHAGECTOMY (MIE) AFTER NEoadjuvant CHEMORADIOTherapy (NT) IN ESOPHAGEAL CANCER: Oral presentation North Texas Chapter American of College of Surgeons Meeting, Dallas, TX, Feb 2010.


30. Amit Khithani, MBBS; Joshua Barton, MD; **D. Rohan Jeyarajah**, MD. COUNSELING WITH THE PATHOLOGIST: IMPACTING NODE
31. **Jeyarajah, D. Rohan**; Khithani, Amit; Barton, Joshua; Galanopoulou, Christos; Curtis, David; Rassadi, Roozbeh. THE “WHIP-STOW” PROCEDURE: AN INNOVATIVE MODIFICATION TO THE PANCREATICOJEJUNAL ANASTOMOSIS. Oral video presentation. 9th World Congress of the IHBPA, Buenos Aires, Argentina, April 2010.


34. Amit Khithani, MBBS; Kevin Lowe, Derick Christian, MD; **D. Rohan Jeyarajah**, MD. Keeping it with the Surgeons: Esophagectomies for Barrett's with high grade dysplasia. Oral presentation North Texas Chapter American of College of Surgeons Meeting, Dallas, TX, Feb 2011.


42. Jeyarajah, DR. Hiatal Hernia Repair. (Oral Video) North Texas Chapter-ACS, February 2012.


48. Butt MU, Osman H, Jeyarajah DR. Pancreatic Surgery Practice Patterns based on Training - Are we really the same? Oral Presentation, IHPBA, Sao Paulo, Brazil, April 2016.


53. Butt MU, Osman H, Jeyarajah DR. Colorectal Liver Metastasis: Timing of Chemotherapy to Resection - We Do not need to wait too long. Poster Presentation, ACS North Texas Chapter, Dallas, TX, February 2016.


55. Butt MU, Osman H, Jeyarajah DR. Pancreatic Surgery Practice Patterns based on Training - Are we really the same? Poster Presentation, ACS North Texas Chapter, Dallas, TX, February 2016.


58. Butt MU, Osman H, Jeyarajah DR. Colorectal Liver Metastasis: Timing of Chemotherapy to Resection - We Do not need to wait too long. Poster Presentation, IHPBA, Sao Paulo, Brazil, April 2016.

59. Butt MU, Adreinwala H, Osman H, Jeyarajah DR. Predicting the Whipple - The American College of Surgeons NSQIP Surgical Risk Calculator. Poster Presentation, IHPBA, Sao Paulo, Brazil, April 2016.


61. Butt MU, Osman H, Jeyarajah DR. Pancreatic Surgery Practice Patterns based on Training - Are we really the same? Oral Presentation, IHPBA, Sao Paulo, Brazil, April 2016.


POSTER SESSIONS


25. Amit Khithani, MBBS; Derick Christian MD, Joshua Barton, MD; D. Rohan Jeyarajah, MD. Oncologic efficacy of minimally invasive esophagectomy (MIE) after neoadjuvant chemoradiotherapy (NT) in esophageal cancer. SSO, March 2010.

26. Amit Khithani, MBBS; Derick Christian Joshua Barton, MD; D. Rohan Jeyarajah, MD. Counseling with the pathologist: Impacting node retrieval in pancreaticoduodenectomy
for malignancy? 9 TH World Congress of the IHBPA, Buenos Aires, Argentina, April 2010.


31. Kevin Lowe, Amit Khithani, MBBS; Derick Christian, MD; **D. Rohan Jeyarajah**, MD. Does the presence of metastatic lymph nodes predict margin positive resection in pancreatic cancer. Poster presentation North Texas Chapter American of College of Surgeons Meeting Dallas, TX, Feb 2011.


33. Kevin Lowe, Amit Khithani, MBBS; Derick Christian, MD; **D. Rohan Jeyarajah**, MD. Does the presence of metastatic lymph nodes predict margin positive resection in pancreatic cancer. Poster presentation North Texas Chapter American of College of Surgeons Meeting Dallas, TX, Feb 2011.

34. Kevin Lowe, Amit Khithani, MBBS; Derick Christian, MD; **D. Rohan Jeyarajah**, MD. CURATIVE RESECTION IN GALLBLADDER CANCER: DOES NODE STATUS PREDICT RESECTABILITY? Poster presentation North Texas Chapter American of College of Surgeons Meeting Dallas, TX, Feb 2011.

35. Amit Khithani, MBBS; Kevin Lowe, Derick Christian, MD; **D. Rohan Jeyarajah**, MD. Keeping it with the Surgeons: Esophagectomies for Barrett's with high grade dysplasia. SSO San Antonio TX, March 2011.


40. Siripurapu, V, Liu, E, Winston, T, **Jeyarajah, DR**. Pancreatocoduodenectomies in High Volume Centers; Direct transfer to floor improves Length of Stay without affecting morbidity or mortality. (Poster Presentation) North Texas Chapter-ACS, February 2012.


46. Siripurapu, V, **Jeyarajah, DR**. How To Do a Whipple in Approximately Three Hours: Separation of the Right Colon Mesentery to Find the SMV and the Concept of the Mesopancreas. (Oral Poster Presentation) AHPBA, March 2012.

47. Siripurapu, V, **Jeyarajah, DR**. Methodist Dallas Medical Center HPB Fellowship. (Oral Poster Presentation) AHPBA, March 2012.


50. Osman, H, Thomas, A, Jeyarajah, DR. Not All Nodes Are the Same: Nodal Stations Variability in Pancreatectoduodenectomy (PD) and Role In Decision Making. (Oral Poster Presentation) AHPBA. February 2013.


63. Osman, H, Jeyarajah, DR. The current state of HPB fellowship experience in North America (Oral Poster Presentation) AHPBA 2014.
Craig A. Keathley, MD, FACOG  
ckeathleymd@yahoo.com  
817-564-4551

Office Address: Questcare Obstetrics  
12221 Merit Drive, Suite 1500  
Dallas, TX 75251

Mailing Address: P.O. Box 100966  
Fort Worth, TX 76185

Education: Doctor of Medicine, 1997  
University of Texas Medical Branch  
Galveston, TX

Bachelor of Science, 1992  
Baylor University  
Waco, TX

Residency: Obstetrics and Gynecology, 1997-2001  
University of Tennessee Health Science Center  
Memphis, TN

Board Certification: American Board of Obstetrics and Gynecology,  
Original Certification, January 2004  
Currently participating in Maintenance of Certification

Licensure: Texas L8577

Professional Experience:

2013-present  OB/Gyn Hospitalist  
Questcare Obstetrics  
Dallas, TX

2008-2013  Private Practice  
Obstetrics and Gynecology  
Fort Worth, TX

2004-2008  Trinity Clinic  
Department of Obstetrics and Gynecology  
Tyler, TX
2001-2004  Instructor  
Department of Obstetrics and Gynecology  
University of Tennessee Health Science Center  
Memphis, TN  

Hospital Appointments:  
Current:  Medical City Arlington  
3301 Matlock Road  
Arlington, TX 76015  
817-465-3241  
6/25/2013-present  

Medical City Hospital Dallas  
7777 Forest Lane  
Dallas, TX 75230  
972-566-7000  
7/22/2013-present  

THR Harris Southwest Fort Worth  
6100 Harris Pkwy  
Fort Worth, TX 76132  
817-433-5000  
6/1/2015— Present  

Past Affiliations:  Hendrick Medical Center  
1900 Pine Street  
Abilene, TX 79601  
325-670-2000  
2014-2016  

Denton Regional Medical Center  
3535 S Interstate 35  
Denton, TX 76210  
940-384-3535  
2014-2015  

The Medical Center of Plano  
3901 W 15th Street  
Plano, TX 75075  
972-596-6800  
2013-2014
Baylor All Saints Hospital  
1400 8th Avenue  
Fort Worth, TX 76104  
817-926-2544  
2008-2015

Harris Methodist Fort Worth  
1301 Pennsylvania Avenue  
Fort Worth, TX 76104  
817-250-2000  
2008-2014

East Texas Medical Center  
1000 S. Beckham Avenue  
Tyler, TX 75701  
903-597-0351  
2004-2008

Mother Frances Hospital  
800 E. Dawson  
Tyler, TX 75701  
903-593-8441  
2004-2008

Baptist Memorial Hospital  
6225 Humphreys Blvd  
Memphis, TN 38120  
901-227-9000  
2001-2004

Methodist Hospitals of Memphis  
1265 Union Avenue  
Memphis, TN 38104  
901-516-7000  
2001-2004

Regional Medical Center at Memphis  
877 Jefferson Avenue  
Memphis, TN 38103  
901-545-6969  
2001-2004
Professional Organizations:

American Congress of Obstetricians and Gynecologists, Fellow
Texas Medical Association
Tarrant County Medical Society

Publication:

Vogt VY, Givens VM, Keathley CA, Lipscomb GH, Summitt RL Jr. Is a resident’s score on a videotaped objective structured assessment of technical skills affected by revealing the resident’s identity? Am J Obstet Gynecol. 2003 Sep; 189:688-91
Curriculum Vitae

Vaishali Kent, MD

CURRENT TITLE: Breast Surgeon

1250 8th Avenue, Suite 545
Fort Worth, Texas 76104

512-517-0590

Chronology of Education

UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1991-2001</td>
<td>B.S. Molecular Biology</td>
<td>University of Texas at Austin, Austin, TX</td>
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GRADUATE EDUCATION:

<table>
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<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tr>
<td>2002-2006</td>
<td>Doctor of Medicine</td>
<td>University of Texas Health Science Center at San Antonio, San Antonio, TX</td>
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POSTGRADUATE TRAINING:

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<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
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<tr>
<td>2006-2011</td>
<td>Residency, General Surgery</td>
<td>INOVA Fairfax Hospital, Falls Church, VA</td>
</tr>
<tr>
<td>2011-2012</td>
<td>Fellowship, Breast Oncology Surgery</td>
<td>University of Southern California, Los Angeles, CA</td>
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BOARD CERTIFICATION:

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<th>Year Certified</th>
<th>Board</th>
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<td>2011</td>
<td>ABS</td>
<td>General Surgery</td>
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LICENSURE:

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<th>Year Granted</th>
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<td>2011</td>
<td>Medical Board of California</td>
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<tr>
<td>2012</td>
<td>Medical Board of Texas</td>
<td>5/31/2018</td>
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## Chronology of Employment

### OTHER PROFESSIONAL EXPERIENCE:

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<tr>
<th>Years</th>
<th>Title(s)</th>
<th>Institution, City, State</th>
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<tr>
<td>2012- present</td>
<td>Breast Surgeon</td>
<td>Baylor Scott and White Hospital, Fort Worth, TX</td>
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<tr>
<td>2012 - present</td>
<td>Breast Surgeon</td>
<td>Texas Health Methodist Hospital Downtown, Fort Worth, TX</td>
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<td>2013- present</td>
<td>Breast Surgeon</td>
<td>Texas Health Methodist Hospital Southwest, Fort Worth, TX</td>
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### CURRENT TEACHING RESPONSIBILITIES:

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<th>Years</th>
<th>Course/Site</th>
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<tr>
<td>2012-p resent</td>
<td>Plaza Hospital</td>
<td>Breast lecture for ABSITE and board review for general surgery residents at Plaza Hospital, Fort Worth, TX</td>
</tr>
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### Honors and Awards

<table>
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<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
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<tr>
<td>2000</td>
<td>Undergraduate Research Fellowship Award</td>
<td>University of Texas at Austin</td>
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### ADMINISTRATIVE EXPERIENCE

### Administrative Duties

<table>
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<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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<tbody>
<tr>
<td>2013- present</td>
<td>Member/ Breast Site Committee</td>
<td>Baylor Scott and White Hospital, Fort Worth, TX</td>
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<tr>
<td>2017</td>
<td>Member/ Peer Review Committee</td>
<td>Baylor Scott and White Hospital, Fort Worth, TX</td>
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<tr>
<td>2017</td>
<td>Program Leader/ Breast Site Committee</td>
<td>Texas Health Methodist Hospital Southwest, Fort Worth, TX</td>
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### Professional & Scientific Committees

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<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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<tbody>
<tr>
<td>2012- present</td>
<td>Member</td>
<td>American Society of Breast Surgeons</td>
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<td>2013- present</td>
<td>Member</td>
<td>American Society of Breast Disease</td>
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<td>2013- present</td>
<td>Fellow</td>
<td>Society of Surgical Oncology</td>
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<td>2013- present</td>
<td>Member</td>
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<td>2014- present</td>
<td>Fellow</td>
<td>American College of Surgeons</td>
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### PEER-REVIEWED JOURNAL ARTICLES (Bold/underline faculty member’s name)

1. Kakuda JT, Stuntz M, **Trivedi V**, Klein SR, Vargas HI
   Objective Assessment of Axillary Morbidity in Breast Cancer Treatment.

2. **Kent V**, Mukherjee D, Speir A
   Complex Endovascular repair of concurrent ruptured Arch and Descending Thoracic Aortic Aneurysms in a patient with a previously replaced Abdominal Aorta
   *Vascular Disease Management.* 2011 Jun 8 (6): 113-115

### ABSTRACTS/POSTERS

1. Rizzo AG, **Trivedi V**, Aldaghlas TA, Richmond RE, Sun RC, Robinson L
   Care for the contact isolation patient: Not Enough?
   Poster presented at Society of University Surgeons annual meeting, Feb 2010, San Antonio, TX

2. Sun B, **Kent V**, Silverstein MJ
   Risk of Dying after Breast Cancer Surgery
   Poster presented at the American Society of Breast Surgeons annual meeting, April 2012, Phoenix, AZ

   Preoperative Axillary Ultrasound (AUS) for Identification of Sentinel Lymph Nodes in Breast Cancer.
   Presented at the Society of Surgical Oncology annual meeting, March 2013, Baltimore, MD
ORAL PRESENTATIONS

Conference Presentations
Rectal Prolapse – Colorectal Conference, Oct 2008, INOVA Fairfax Hospital, Falls Church, VA
Recurrent Rectal Cancer – Colorectal Conference, Jun 2009, INOVA Fairfax Hospital, Falls Church, VA
Abdominal Aortic Aneurysms - Vascular Conference, Sept 2009, INOVA Fairfax Hospital, Falls Church, VA
Carotid Body Tumors - Vascular Conference, Mar 2010, INOVA Fairfax Hospital, Falls Church, VA
Oncoplastic Surgery of the Breast – Tumor Board Conference, Dec 2012, Baylor All Saints Hospital, Fort Worth, TX

Grand Rounds Presentations
Wound Infections – Grand Morbidity and Mortality Conference, Oct 2008, INOVA Fairfax Hospital, Falls Church, VA
Perioperative Myocardial Infarction - Grand Morbidity and Mortality Conference, Jan 2009, INOVA Fairfax Hospital, Falls Church, VA
Rectal Cancer – Grand Morbidity and Mortality Conference, Aug 2009, INOVA Fairfax Hospital, Falls Church, VA
Thymomas – Grand Morbidity and Mortality Conference, Dec 2009, INOVA Fairfax Hospital, Falls Church, VA

Poster Presentations
Care for the contact isolation patient: Not Enough?
Poster presented at Society of University Surgeons annual meeting, Feb 2010, San Antonio, TX

MEDICAL VOLUNTEER EXPERIENCE

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<th>Year</th>
<th>Title/Role.</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>Coordinator for the medical student volunteer effort for Hurricane Katrina</td>
<td>San Antonio, TX</td>
</tr>
<tr>
<td>2010</td>
<td>Medical Mission Trip: Amazing Graze Orphanage</td>
<td>Amazing Graze Orphanage, Awasai, Kenya</td>
</tr>
<tr>
<td>2010</td>
<td>Chief Resident Coordinator for the Baileys Community Surgery Clinic</td>
<td>Baileys Community Clinic, Falls Church, VA</td>
</tr>
</tbody>
</table>
Curriculum Vitae
Whitney Beck LeFevre, M.D.

Current Title: Faculty Physician, John Peter Smith Family Medicine Residency
Business Address: Stop Six/Walter B. Barbour Health Center 3301 Stalcup Road, Fort Worth, TX 76119
Contact Information: Telephone: 978-609-0635, Email: whitney.b.lefevre@gmail.com

Chronology of Education
UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degrees</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003-2007</td>
<td>B.S. in Biology - Summa Cum Laude B.A in Psychology - Summa Cum Laude and University Honors</td>
<td>University of Missouri-Columbia, Columbia, MO</td>
</tr>
</tbody>
</table>

GRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-2013</td>
<td>Doctor of Medicine</td>
<td>University of Missouri-Columbia, Columbia, MO</td>
</tr>
</tbody>
</table>

POSTGRADUATE TRAINING:

<table>
<thead>
<tr>
<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-2017</td>
<td>Residency, Family Medicine</td>
<td>Lawrence Family Medicine Residency, Lawrence, MA</td>
</tr>
<tr>
<td>2015-2017</td>
<td>Area of Concentration – Academics</td>
<td>Lawrence Family Medicine Residency, Lawrence, MA</td>
</tr>
</tbody>
</table>

BOARD CERTIFICATION:

<table>
<thead>
<tr>
<th>Year Certified</th>
<th>Board</th>
<th>Specialty</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>ABFM</td>
<td>Family Medicine</td>
</tr>
</tbody>
</table>

LICENSURE:

<table>
<thead>
<tr>
<th>Year Granted</th>
<th>Agency/State and License #</th>
<th>Expiration/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>Massachusetts Board of Registration Medicine, Limited License, 256362</td>
<td>June 30, 2017</td>
</tr>
<tr>
<td>2017</td>
<td>Texas Medical Board, TX, R2906</td>
<td>May 5, 2018</td>
</tr>
</tbody>
</table>

Chronology of Employment
OTHER PROFESSIONAL EXPERIENCE:

<table>
<thead>
<tr>
<th>Years</th>
<th>Title(s)</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-2009</td>
<td>Teach For America Corps Member 7th &amp; 8th grade Math &amp; Science Teacher</td>
<td>Baltimore City Public Schools, Baltimore, MD</td>
</tr>
</tbody>
</table>
**CURRENT TEACHING RESPONSIBILITIES:**

<table>
<thead>
<tr>
<th>Years</th>
<th>Course/Site</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017-</td>
<td>JPS Family Medicine Residency Faculty</td>
<td>Clinic preceptor at Stop 6 Clinic, attending physician on labor and delivery</td>
</tr>
</tbody>
</table>

**HONORS AND AWARDS**

<table>
<thead>
<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>Mortar Board</td>
<td>University of Missouri – Columbia</td>
</tr>
<tr>
<td>2007</td>
<td>Phi Beta Kappa</td>
<td>University of Missouri – Columbia</td>
</tr>
<tr>
<td>2012</td>
<td>Alpha Omega Alpha</td>
<td>University of Missouri – Columbia</td>
</tr>
<tr>
<td>2013</td>
<td>Missouri Heart Institute Scholarship</td>
<td>Missouri Heart Institute</td>
</tr>
<tr>
<td>2013</td>
<td>Vernon Earl Wilson, MD Scholarship</td>
<td>University of Missouri – Columbia</td>
</tr>
<tr>
<td>2013</td>
<td>Ruby T. McVea Family Medicine Scholarship</td>
<td>University of Missouri – Columbia</td>
</tr>
<tr>
<td>2015</td>
<td>Beyond Flexner Social Medicine Resident Scholar</td>
<td>Beyond Flexner</td>
</tr>
<tr>
<td>2016</td>
<td>Faculty For Tomorrow Resident Scholar</td>
<td>Society of Teachers of Family Medicine</td>
</tr>
<tr>
<td>2017</td>
<td>Lawrence Family Medicine Resident Teacher Award</td>
<td>Lawrence Family Medicine Residency</td>
</tr>
</tbody>
</table>

**ADMINISTRATIVE EXPERIENCE**

**Administrative Duties**

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-</td>
<td>Chief Resident</td>
<td>Lawrence Family Medicine Residency, Lawrence MA, USA</td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Professional & Scientific Committees**

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-</td>
<td>Graduate Medical Education Committee, Resident Member</td>
<td>Lawrence Family Medicine Residency, Lawrence MA, USA</td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2015-</td>
<td>Program Evaluation Committee, Resident Member</td>
<td>Lawrence Family Medicine Residency, Lawrence MA, USA</td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-</td>
<td>Centering Counts Steering Committee, Resident Member</td>
<td>Lawrence Family Medicine Residency, Lawrence MA, USA</td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Professional Community Activities**

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role</th>
<th>Institution/Organization, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-</td>
<td>Resident Liaison, Mentor</td>
<td>Science Club for Girls, Lawrence, MA, USA</td>
</tr>
<tr>
<td>2009-</td>
<td>Education Director, Director Advisor, Volunteer</td>
<td>Medzou Student- Run Free Health Clinic, Columbia, MO, USA</td>
</tr>
<tr>
<td>2013</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Global Health Experiences**

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role</th>
<th>Institution/Organization, City, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>March</td>
<td>Volunteer in local medical clinic and outreach clinics in region</td>
<td>Mizzou Medical Outreach, Falmouth, Jamaica</td>
</tr>
<tr>
<td>2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sept</td>
<td>Volunteer resident physician in hospital</td>
<td>Baptist Medical Center, Nalerigu, Ghana</td>
</tr>
<tr>
<td>2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>Volunteer resident physician in local clinic and outreach clinics in region</td>
<td>Bridges to Community, Mongollo, Nicaragua</td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Professional & Scientific Organizations

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013 - present</td>
<td>Member</td>
<td>American Academy of Family Physicians</td>
</tr>
<tr>
<td>2013 - present</td>
<td>Member</td>
<td>Society of Teachers of Family Medicine</td>
</tr>
<tr>
<td>2013 - 2017</td>
<td>Member</td>
<td>Massachusetts Academy of Family</td>
</tr>
</tbody>
</table>

### ACTIVE GRANTS
**Active Years:** 3/2017- 3/2018
**Title:** Community Action and Care for the Medically Uninsured Grant
**Funding Amount:** $10,000
**Funding Source:** Massachusetts Medical Society
**Project:** Well Child Group Visits at Greater Lawrence Family Health Center
**Role:** Grant writer, Project co-creator

### TEACHING RESPONSIBILITIES/ASSIGNMENTS

#### Course and Curriculum Development

<table>
<thead>
<tr>
<th>Years</th>
<th>Course Title and Description</th>
<th># of times taught annually</th>
<th>Type of Students</th>
<th># of students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007 - 2009</td>
<td>7th and 8th grade Science – designed and implemented science curriculum, including unit design, student goals and objectives, lessons, and assessments with mastery tracking</td>
<td>Entire curriculum once a year</td>
<td>Middle School</td>
<td>15-20 in each grade</td>
</tr>
<tr>
<td>2016 - 2017</td>
<td>Well Child Group Visits Curriculum – designed and piloted this program, as well as created the curriculum guide as part of the pediatrics curriculum at Lawrence Family Medicine Residency Program.</td>
<td>Training once a year</td>
<td>Family Medicine Residents</td>
<td>8 residents per year, up to 24 residents a year</td>
</tr>
</tbody>
</table>

#### Clinical Teaching

<table>
<thead>
<tr>
<th>Years</th>
<th>Course Title and Description</th>
<th># of times taught annually</th>
<th>Type of Students</th>
<th># of students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-2017</td>
<td>Junior Clinic Precepting – acted as clinic preceptor of junior residents in clinic</td>
<td>20 sessions per year</td>
<td>Family medicine residents</td>
<td>1 to 4 residents per session</td>
</tr>
</tbody>
</table>

#### Small Group Teaching

<table>
<thead>
<tr>
<th>Years</th>
<th>Course Title and Description</th>
<th># of times taught annually</th>
<th>Type of Students</th>
<th># of students</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>Mini-Medical School Counselor - Problem Based Learning Tutor</td>
<td>5 sessions a week for 2 weeks</td>
<td>High school students</td>
<td>8 per small group</td>
</tr>
</tbody>
</table>
### Outpatient AM Teaching Sessions

- **2014-2017**: Outpatient AM Teaching Sessions – 15 minute lectures or activity on a variety of outpatient topics
  - 6 - 8 sessions annually
  - Family Medicine Residents
  - 6-10 residents per session

- **2015 - present**: Advanced Life Support in Obstetrics Instructor – lecturer, hands-on small group facilitator, evaluator
  - Twice every 5 years (at minimum)
  - Family Medicine Residents
  - ~ 10 residents per group

### Continuing Education Lectures/Presentations

<table>
<thead>
<tr>
<th>Year</th>
<th>Event Description</th>
<th>Frequency</th>
<th>Target Audience</th>
<th>Attendance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>EKG Basics – lecture during intern orientation of EKG basics</td>
<td>Once</td>
<td>Family medicine residents</td>
<td>10 residents</td>
</tr>
<tr>
<td>2015</td>
<td>Asthma Symposium – one hour of a 4 hour resident lecture series on asthma diagnosis and management</td>
<td>Once</td>
<td>Family medicine residents</td>
<td>10 residents</td>
</tr>
<tr>
<td>2015 - 2017</td>
<td>Journal Club – residency wide, two-hour long, interactive group activity analyzing primary literature, teaching evidence based medicine topics and skills</td>
<td>3 times a year</td>
<td>Family Medicine Residents and Faculty</td>
<td>~ 20 residents, 2-3 faculty members</td>
</tr>
<tr>
<td>2017</td>
<td>CAT Calls – Resident Summer Series Lecture on Rapid Response team cases</td>
<td>Once a year</td>
<td>Family medicine residents</td>
<td>~ 30 residents</td>
</tr>
</tbody>
</table>

### Peer-Reviewed Journal Articles


### Unpublished Poster Presentations


LeFevre 4


ORAL PRESENTATIONS
Meeting Presentations

National
2013 Beck, W., Cole E. In Pieces: Addressing Fragmentation of Chronic Disease Care with a Diabetes Case Management Program. Society for Student Run Free Clinics Annual Conference, San Antonio, TX, USA.

2016 St. Louis, J., LeFevre, W., Johnston, J. Incorporating Group Well-Child Visits in a Residency Setting: A Pilot Group. Society of Teachers of Family Medicine Annual Conference, Minneapolis, MN, USA.

2017 Barr, W., Valdini, A., Nokes, K., LeFevre, W. Scholarly Topic Round Table Presentation: Learning Spanish in Residency – Si Tu Puedes! Society of Teachers of Family Medicine Annual Conference, San Diego, CA, USA.

Regional/Local

OTHER SCHOLARLY ACTIVITY

LANGUAGES
English: Fluent
Spanish: Medical Spanish – ALTA Certified
Curriculum Vitae

Hao (Howe) Liu, PT, PhD, MS, MD
Physical Therapy Department of UNT Health Science Center
3500 Camp Bowie Blvd, MET 530, Fort Worth, TX 76107
Phone: (817) 735-2457 (Office); Fax: (817) 735-2518; Email: howe.liu@unthsc.edu

Educational background

05/99-05/01: Master of Physical Therapy (MPT)
Department of Physical Therapy
University of Mississippi Medical Center, Jackson, MS.

11/92-01/98: Ph.D in Anatomy
Department of Anatomy, University of Mississippi Medical Center, Jackson, MS.
Mentors: Drs. Gregory Mihailoff and Duane Haines

09/87-07/90: M.S. in Neuroanatomy
Department of Anatomy, Suzhou Medical College, Suzhou, China.
Mentor: Dr. Yu Binhui

09/82-07/87: M.D. School of Medicine
Jiangxi Medical College, Nanchang, China.

Licensure/Certificate Information/Registration Number:

Texas State Board of Physical Therapy
License No.: 1194329 (active)

Arkansas State Board of Physical Therapy
License No.: 2702 (active).

Alabama State Board of Physical Therapy
License No.: 3904 (inactive).

Louisiana State Board of Physical Therapy
License No.: 04878 (inactive)

Certified Exercise Expert in Aging Adults (CECAA)
Active
**Award**

2014 Outstanding Physical Therapy Researcher Award  
Texas Physical Therapy Association

**Teaching Experience**

Full Professor of Physical Therapy and Medical Education (Tenured)  
University of North Texas Health Science Center  
Fort Worth, TX  
Sep 2015 to present  
Role: Course director for PAPT both Gross Anatomy and Neuroanatomy

Adjunct Professor of Anatomy  
University of North Texas Health Science Center  
Fort Worth, TX  
January 2011 to present  
Role: Lab Instructor for TCOM Anatomy

Associate Professor of Physical Therapy (Tenured)  
University of North Texas Health Science Center  
Fort Worth, TX  
January 2010 to Aug. 2015  
Role: Course director for PAPT both Gross Anatomy and Neuroanatomy

Associate Professor of Physical Therapy (Tenured)  
University of Central Arkansas  
Conway, AR  
May 2009 to December 2009  
Role: Course director for PAPT both Gross Anatomy and Neuroanatomy

Assistant Professor of Physical Therapy  
University of Central Arkansas  
Conway, AR  
July 2003 to May 2009  
Role: Course director for PAPT both Gross Anatomy and Neuroanatomy

Guess Professor  
College of Nursing and Rehabilitation Sciences  
North China University of Science & Technology  
Tangshan, Hebei Province. China  
Oct, 2016 - present
Guess Professor  
College of Rehabilitation Sciences  
Shanghai University of Health Professions  
Shanghai, China  
December 2015 - present

Academic Consultant  
Yueyang Hospital  
Shanghai University of Traditional Chinese Medicine  
Shanghai, China  
Nov, 2014 - Present

Lectureship Professor  
College of Disaster Management and Reconstruction  
Sichuan University  
Chengdu, Sichuan, China  
December, 2014 – Present

Guest Professor  
Department of Rehabilitation Medicine  
Guangzhou Medical University  
Guangzhou, Guangdong, China  
November, 2014 - Present

Guest Professor  
Department of Rehabilitation Medicine  
Jiangxi Medical College of Nanchang University  
Nanchang, Jiangxi, China  
Nov. 2013 - present

Guest Professor  
College of Rehabilitation Sciences  
Gannan Medical University  
Ganzhou, Jiangxi, China  
May 2011 - present

Guest Professor  
Institute of Rehabilitation Medicine  
Guangdong University of Traditional Chinese Medicine  
(Foshan Hospital of Traditional Chinese Medicine)  
Guangzhou, Guangdong, China  
June 2013 – January 2015

Teaching Assistant, Department of Anatomy  
University of Mississippi Medical Center
Jackson, MS  
November 1993 to May 1996  
Role: Teaching assistant (1-2 lectures and lab instructor) for Gross anatomy, Neuroanatomy, Embryology, and Histology for medical school students

Instructor of Anatomy, Department of Anatomy  
Jiangxi Medical College  
Nanchang, China  
August 1990 to October 1992  
Role: Course leader for Gross Anatomy and Neuroanatomy for medical school students

**Clinical Experience**

Physical Therapist (PRN)  
The Carlyle at Stonebridge Park Rehab & Nursing Center  
Cantex Continuing Care Network  
Southlake, TX  
Dec 2016 - present

Physical Therapist (PRN)  
Green Valley Nursing and Rehabilitation Center – Reliant Rehab  
Reliant Rehabilitation  
North Richland Hills, TX  
January 2015 - present

Physical Therapist (PRN)  
ONR, Inc.  
Fort Worth, TX  
Dec 2014 – June, 2015

Physical Therapist (Community Outreach to Senior Living Communities)  
University of North Texas Health Science Center (UNTHSC)  
Fort Worth, TX  
January 2010 - present  
Provide community-based geriatric-oriented pro bono service and consultation in senior living communities in Dallas/Fort Worth metropolitan area.

Physical Therapist (PRN)  
Aegis Therapies  
Little Rock, AR  
November 2003 to December 2009

Physical Therapist  
Director and employee of Rehabilitation services
Bibb Medical Center  
Centreville, AL  
December 2001 to June 2003  
Manage and provide variety of diagnostic, interventional, and consultative rehab service  
to patients with acute medical problems in a comprehensive hospital as well as the service  
in a nursing home that is affiliated to the hospital.

Physical therapist (PRN)  
MetroWest (HealthSouth) Hospital  
Birmingham, AL  
January 2002 to June 2003  
Provide rehab service to patients in an acute (comprehensive) hospital

Physical therapist  
Rayville Nursing & Rehabilitation Centers  
Rayville, LA  
June 2001 to November 2001  
Provide rehab service to older patients living in these nursing homes

Researcher at Microsurgery Lab (part time)  
Department of Plastic Surgery  
University of Mississippi Medical Center  
Jackson, MS  
December 1999 to December 2000  
Conduct research with rats with peripheral nerve injury

Post-doctor fellow/Research Associate  
Department of Surgery Division of Otolaryngology  
University of Mississippi Medical Center  
Jackson, MS  
March 1998 to June 1999  
Conduct research with pigeons with balance dysfunctions

Graduate student (MS)  
University of Mississippi Medical Center  
Jackson, MS  
November 1993 to May 1996  
Learn and practice traditional Chinese medicine with my supervisors

Intern of General Medicine  
First Affiliated Hospital of Jiangxi Medical College  
Nanchang, China  
June 1986 to June 1987

Scholarship
Published Peer-reviewed articles


29. Liu H, Rainey J, Zabel R, Quiben M, Kehayov A, Boswell J. Comparison of two exercise programs using the falls efficacy scale, Berg balance scale and ankle dorsiflexor strength in older adults. Physical & Occupational Therapy in Geriatrics,


**Non-Peer Reviewed Publications:**


**Regional, National and International Conference Presentations (last 10 years)**


22. Liu H, Qiu QX, Holmes C. Effect of Ba-Duang-Jin on Balance and Quality of Life. 2014 Annual Conference of Southern Gerontological Society, Little Rock, AR.


24. Liu H, Salem Y, Huang M. Comparison of gait parameters between walking up and down an incline with and without using a walking device. Presented at the 2014 CSM meeting in Las Vegas, NV.


28. Liu H. Analysis of Tai Chi as an Exercise Program for Balance Improvement in Older Adults. 7th World Congress of the International Society of Physical and Rehabilitation Medicine. June 2013; Beijing, China.

29. Liu H, Qiu Q, Zhao YW, Schwarz B. Effect of a Qi-Gong on Balance and Quality of Life among Older Adults – A Pilot Study. 2013 APTA annual conference, Salt Lake City, UT.


42. Tao CB, Liu H. Effects of A Short Form Tai Chi intervention Compared to A Stretching Exercise and Walking Program in Older Adults – A Randomized Control Trial. Will be presented at the 2011 Annual Conference of the American Physical Therapy Association in National Harbor, MD. June, 2011.


45. Liu H, Tipton P. Effect of a Selected 6-Form Tai Chi on Improvement in Balance and Quality of Life among Older Adults. Will be presented at the Combined Section Meeting of the American Physical Therapy Association in New Orleans, LA. Feb, 2011.


64. Wang Y, Liu H, Cheng LH, Fletcher J. Comparison of Acupuncture and
Electroacupuncture Interventions in Older Patients with Stroke. Presented at the 29th annual meeting of Southern Gerontological Society in Atlanta, GA, April, 2008.


70. Prati V, **Liu H**. Determining the Effect of Therapeutic Exercise Interventions on Fracture Risks for Women Older than 65 Years Old with Low Bone Mass. Presented at the 2007 APTA annual conference in Denver, CO. June 2007.


76. **Liu H**, Chen J, Rainey J, Li ZB, Liu J. Length of Post-onset Time: A Predictor of Rehabilitation Outcome for Patients with Stroke in Shanghai, China. Presented at
the 27th Annual Meeting of Southern Gerontology Society, Lexington, KY. April, 2006.


Invited Presentations (Since 01-04-2010)


7. **Liu, H.** Writing a clinically based article – what to be included? Department of Rehabilitation Medicine of 2nd Affiliated Hospital at Nanchang University, June 30, 2014; Nanchang, China.

8. **Liu H.** DPT Education in US – A Clinic Oriented System. A Keynote speaker at the closing ceremony at the 15th Conference of Section of Rehabilitation and Physical Medicine of Chinese Medical Association (CMA), June 22, 2014; Nanchang, China.

9. **Liu H.** Evaluation and Intervention of Fall prevention among Older Adults – What I am working on. Session of Geriatric Rehabilitation at the 15th Conference of Section of Rehabilitation and Physical Medicine of Chinese Medical Association (CMA), June 21, 2014; Nanchang, China.


12. **Liu H.** Selection and Effects of Assistive Ambulatory Devices among Older Adults. Rehabilitation Department of Zhong-Shan Medical College of Sun Yat-Sen University, Guangzhou, China. May 6th, 2011.


14. **Liu H.** Effects of Stroke and Aging on Skeletal Muscles and Relevant Rehab Consideration for Older Patients with Stroke. The General Hospital of PLA, Beijing, China. May 12, 2011.


17. **Liu H.** Fall Prevention in the Elderly ---Rehabilitation Perspective. At 2nd Affiliated Hospital of Soochow University, SuZhou, China, Dec 27th, 2007.
18. Liu H. Some Basic Principles of Patient Rehab Care. At the Department of Rehabilitation Medicine, YueYang Hospital, Shanghai, China, May 20, 2007.


Grant activities

OxiplexTS – Noninvasive Tissue Oximeter
Funding: $50731.00
Grant source: Institute of Cardiovascular Medicine and Diseases
Role: Co-PI
Status: Under review

Effect of Combined Vibration Therapy with Regular Exercise for Patients with Multiple Sclerosis in Community
Funding: $20,000.00 (09/01/2016 – 08/31/2017)
Grant Source: Institute of Aging and Alzheimer Disease
Role: PI
Status: On-going

Gait Assessment When walking with a Rolling Walker to Make a Turn
Funding: $1000.00 (2/2016 – 2/2017)
Grant Source: TCOM Research Fund of UNTHSC
Role: PI
Status: on-going

Balance assessment in the elderly after a 12-week Computerized game-based intervention
Funding: $10,250.00 (6/2016 – 6/2017)
Grant Source: Alexandave Industries. Inc.
Role: PI
Status: on-going

Vibration Therapy for Patients with Subacute Stroke
Funding: $4,500.00 (1/2016-1/2017)
Grant Source: Texas Physical Therapy Association Foundation
Role: Co-PI
Status: On-going

SmartWalker – A New Design of Rolling Walker to Reduce Falls and Walker-use Related Side Effects
Applied funding: $100,000.00 (06/01/14 – 12/31/16)
Grant Source: Texas Medical Research Collaborative Fund
Role: PI
Status: On-going

Analysis of Gait When Walking with a Rolling Walker with Leaning Forward Posture
Funding: $1000.00 (2/2015 – 2/2016)
Grant Source: TCOM Research Fund of UNTHSC
Role: PI
Status: Completed

Use of Yoga for Young Children with Down Syndrome.
Applied funding: $12,200.00 (04/01/2014 – 08/31/2015)
Grant source: UNTHSC Research Grant
Role: Co-PI
Status: funded

Creating the Flipped Classroom for Human Gross Anatomy.
Applied funding: $10,000.00 (03/01/2014 – 08/31/2015)
Grant source: UNTHSC Teaching fund
Role: Co-PI
Status: funded

Functional Assessment for Patients with DiGeorge Syndrome.
Applied funding: $1,500.00
Grant source: Texas Physical Therapy Association Research Fund
Role: Co-PI
Status: funded

Wearable Body 3-D Sensor Network System for Older Adults in an Independent Living Community.
Applied funding: $230,229.00.85 (03/01/15 – 02/28/17)
Grant Source: National Institute on Ageing
Role: Principle Investigator
Status: Not funded

Effect of combined intervention of Tai Chi exercise and rolling walker education on older rolling walker users.
Applied funding: $339,935.85 (04/01/14 – 03/31/16)
Grant Source: National Center for Complementary and Alternative Medicine
Role: Principle Investigator
Status: Not funded

Effect of interactive rolling walker education program on posture, balance, and gait.
Applied funding: $145,000.00 (09/01/13-06/30/15)
Grant Source: National Institute on Aging
Role: PI
Status: Not funded

Comprehensive Activity Pilot: Elders with Dementia Plus Frailty Syndrome in LTC.
Applied funding: $3,500,000.00 (09/01/11-8/31/15) ($756,817.00 as the UNTHSC portion)
Grant Source: National Institute on Aging
Role: Co-PI
Status: Not funded

Tai Chi Combined with a Rolling Walker Education Program to Improve Balance, Gait, Posture, and Cardiopulmonary Capability in Older Rolling Walker Users
Applied funding: $316,235.00 (2011 – 2013)
Grant Source: National Institute on Aging
Role: Principle Investigator
Status: Scored with JIT files submitted, but not funded.

Tai Chi Intervention Combined with a Cardiopulmonary and Rolling Walker Education Program on Older Rolling Walker Users with Chronic Cardiopulmonary Conditions: A Cluster-Randomized Clinical Trial
Applied funding: $238,090.00 (2011 - 2013)
Grant Source: Clagett Family Research Grant of American Physical Therapy Association
Role: Principle Investigator
Status: Not funded but scored.

Protocols to Compare 2 Exercise Interventions for Elders with Frailty Syndrome.
Applied funding: $77,906.00 (UCA share)
Grant Source: National Institute of Health Research Challenge Grant (RC1)
Role: Co- Principle investigator
Status: Not funded (submitted in April 2009).

Comparison of Three Tai Chi Exercise Interventions on Prevention of Falls among Older Adults with Multiple Medical Conditions
Applied funding: $209,579.00
Grant Source: National Institute of Health Research Challenge Grant (RC1)
Role: Principle investigator
Status: Not funded.

Tai Chi Combined with a Rolling Walker Education Program to Improve Balance and
Gait in Older Rolling Walker Users.
Applied funding: $150,000.00
Grant Source: National Institute on Aging (R15) (Submitted in year 2008)
Role: Principle Investigator
Status: Not funded.

Effect of Assistive Ambulatory Devices on Balance, Posture, and Strength in Older Individuals.
Approved Funding: $28,613.20
Grant Source: American Federation for Aging Research (Year 2007)
Role: Principle Investigator
Status: Not Funded.

Tailored Home Exercise-Partner Intervention for Post-Hospitalized Frail Elders.
Approved Funding: $15,000.00
Grant Source: Department of Health and Human Services, University of Arkansas for Medical Sciences (Year 2007)
Role: Co-Investigator
Status: funded and study completed.

Study of Integration of TCM with Western Rehabilitation Techniques for Patients Post Acute Myocardial infarction.
Applied Funding: 4,000,000.00 Yuan (RMB). ($500,000.00)
Grant Source: Science & Technology Committee of Shanghai, China (Year 2006)
Role: Collaborative Investigator
Status: Not funded

Approved Funding: $16,724.00
Grant No.: NIH Award #: 5 P20 RR016460
ORSP/ARIA #: 0701
Grant Source: Arkansas Biomedical Research Infrastructure Network (BRIN) (Year 2005)
Role: Principle Investigator
Status: Funded. Study completed.

Intervention in Postmenopausal Women with Sarcopenia.
Grant No.: PAR-03-056
Grant Source: National Institute on Aging (Year 2003)
Role: Co-principle investigator
Status: Not funded

Morphology of Basilar Pontine Nuclei.
Grant No.: NS 12644 (1992-1998)
Grant Source: National Institute of Health
Role: Co-investigator. (Principle investigator: Dr. Greg Mihailoff)
Status: Funded and Completed.

Internal Grant Activities

Effect of Passive Exercise on Muscular and Behavior Recovery after Transient Focal Cerebral Ischemia
Applied funding: $18,692.00 (2011-2012)
Grant Source: UNTHSC Seed Grant
Role: PI
Status: Not funded

Effect of Assistive Ambulatory Devices on Balance and Posture in Older Individuals.
Approved Funding: $4,550.00
Grant Number: URC 216116
Grant Source: University Research Council (URC) grant (2007-2008)
Role: Principal Investigator
Status: Completed.

Depression and Fear of Falling Among the Elderly People Using Assistive Ambulatory Devices.
Approved Funding: $1,377.00
Grant Number: URC 132217
Grant Source: University Research Council (URC) grant (2006-2007)
Role: Principle Investigator
Status: Completed

Effect of An Exercise Program on Functional Mobility in Older Individuals: A Pilot Study.
Approved Funding: $1,000.00
Grant Source: Faculty Enhancement Grant (2005-2006)
Role: Principle Investigator
Status: Completed

Effects of an Exercise Program on Risk of Falling in Elderly Individuals: Outcome Measured with Falls Efficacy Scales and Berg Balance Scale.
Approved Funding: $2,102.00
Grant No.: URC 212-220
Grant Source: University Research Council (URC) grant (2004-2005)
Role: Principle Investigator
Status: Completed

Book and Book Chapters (Since working at UNTHSC)


Teaching activities

At University of North Texas Health Science Center (UNTHSC)

DPHT 7600 Gross Anatomy – Fall 2010 – present (Course director)
DPHT 7210 Neuroscience – Fall 2011 – present (Course director)
DPHT 7305 Applied Anatomy/Kinesiology – Fall 2010 (course director)
DPHT 7322 Pathology/Pharmacology – Spring 2011 (course director)
DPHT 7272 Evidence Based PT Practice – Summer 2010- present (course director)

At University of Central Arkansas (UCA)

PTHY 5055 Gross Anatomy – Fall 2003-2009 (Course coordinator).
PTHY 6501 Neurosciences – Spring 2004-2009 (lab coordinator)
PTHY 7390 Advanced Anatomy (Imaging Anatomy) - Summer 2003-2009 (course coordinator)
PTHY 7330 Applied Histology, Physiology, and Pathology – Summer 2005, 2006 (Course coordinator)
PTHY 6340 Research Design – Summer 2006 – 2009 (course coordinator)
PTHY 7520 Cardiopulmonary Rehabilitation – Spring 2004 – 2008 (lectures on Cardiopulmonary Anatomy, Physiology, and Pharmacology)
PTHY 6150 Pathology: Summer 2007, 2008, 2009 (lectures on Cardiopulmonary Pathology)
Off-Campus Services

Committee chair/members at national level

- Program Planning Committee – Geriatrics; American Congress of Rehabilitation Medicine (ACRM) – 2016 - 2018
- Committee for McMillan Scholarship Award of APTA ---2008-2012
- Membership Committee of the APTA’s Section on Research ---2007-2010
- Chair of Award Committee of the APTA’s Section on Research – 2012 – 2015

Consultant/expert in Geriatrics and Anatomy

- Invited articles written for a quarterly magazine “Vision” published by the Arkansas Geriatric Education Center (AGEC). In year 2008 and 2009.
- An invitation to physical medicine/physiotherapy Consulting Consortium. In year 2007
- Active in APTA members mentoring program since year 2004
- Invited to attend the PT Educator’s Focus Group by Slack, Inc. in 2006 and by Elsevier in 2007.

Reviewer/Editorial member for peer-reviewed journals or publishers

- Editorial board member for peer-review journal of Translational Medicine in Anatomy (since January 2015)
- Editorial board member for peer-review journal of Sports Medicine and Therapy (since January 2016)
- Editorial board member for peer-reviewed journal of Physical and Occupational Therapy in Geriatrics (since May 2008).
• Editorial member of *World Rehab Engineering and Devices* (since June 2012)

• Abstract and Symposium reviewer for the annual conference of the Gerontological Society of America (GSA) – 2009 -2013

• Active reviewer for Rehabilitation Nursing since March, 2014 (have reviewed 2 for this journal).

• Active reviewer for the *Journal of International Rehabilitation and Therapy since Jan, 2010* (reviewed 3 manuscripts in year 2010)

• Active reviewer for the *Journal of Geriatric Physical Therapy* since Jan, 2008 (reviewed 3 manuscripts in average per year in last two years).

• Active reviewer for the *Physical Therapy* since Feb, 2005 (reviewed 3-4 manuscripts in average per year in last 5 years).

• Review two chapters for Lippincott Williams & Wilkins on the Moore, Clinically Oriented Anatomy (5th ed) in 2006.

• Active reviewer as a rater in the McMaster Online Rating of Evidence System since Jan, 2007.

**Community services**

• Provide presentations of fall prevention to older individuals living in local communities: in each of 7 senior communities in Dallas/Fort Worth metropolitan area since January 2010.

• Pro bono physical therapy services and consultation to community and UNTHSC faculty, staff, and students since January 2010.

• Provide presentations of stroke prevention and fall prevention to older individuals living in the local communities: 1-2 times each year (spring and or fall) in each of 8 senior communities in central Arkansas area between years 2006 - 09.

• Pro bono physical therapy services and consultation to community and UCA faculty, staff, and students, 2003 to 2009.

**On-campus Services**
On campus committee at UNTHSC

Departmental level
- Departmental Curriculum Committee 2010 - present
- Departmental Admission Committee 2010 - present
- Departmental Faculty Search Committee 2010 – present
- Research Coordinator 2010 - present

UNTHSC University/School level
- Chairperson of Promotion & Tenure Committee (School of Health Profession) 2010 – present
- Faculty Grievance and Appeal Committee 2011 - 2013
- UNTHSC Research Strategic-Thinking Council 2010 - 2013
- Committee for Texas Academy of Biomedical Sciences 2010 – 2012
- UNTHSC Regent Rule Committee 2011 – Present

On-campus Committee at UCA (2003-09)

Departmental level
a. Departmental Promotion & Tenure Committee 2009 - 2009
c. Budget Planning & Advisory Committee 2005 -- 2009
d. Department PhD Admission Committee 2003 – 2009
e. Committee for Publication and Public Relations 2007 – 2009
f. PhD Program Committee 2006 -- 2009
g. Departmental Research Committee 2007 – 2009
h. Faculty Search Committee 2006 – 2009
i. DPT Student Academic Advisor 2003 -- 2009
j. Instructional Technology/Computer Committee 2004 -- 2006

College level:
a. Geriatrics special interest group 2007 -- 2009
b. Minority Student Recruitment Committee 2005 -- 2007
c. Outstanding Student Award Committee 2004 -- 2006

University level:
(review 15-20 IRB applications annually)
b. Institutional Animal Care and Use Committee (IACUC) 2005 -- 2009
(Review 5-8 IACUC applications annually)
c. Committee for Public Service Award 2004 – 2006
d. Committee for Outstanding Teacher Award 2006 -- 2008
Mentorship

Visiting Scholars

1. Zhang Hong, MD, PhD. Yue-yang Hospital, Shanghai University of TCM, Shanghai, China. Nov., 2014 – April, 2015.
3. Ping Miao, MD, MS. Second Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, China, May 2014 – May 2015.

MD Students


4. PhD Students (as PhD advisor or advisor committee member)
   b. Advisor for Ms. Myles Quiben (Graduated in 2009)
   c. Committee member for Mr. Chad Glasmore (Graduated in 2009)
   d. Committee member for Ms. Margaret McGee (graduated in 2007)
   e. Committee member for Mr. James Fletcher (graduated in 2006)

Research supervisor for DPT students at UNTHSC

a. Research mentor for physical therapy student project (not required) – 2010-2013
   Jeff Guild in Class 2013 who received Dean’s award for student’s research excellence award for his peer-reviewed article in study on walking sticks.
b. Research mentor for physical therapy students group project (required) – Mirror therapy study in Class 2013 – 2012-2013.
c. Jeff Guild, Lauren Peterson, Jenny Peterson, Rachael Langford who received 1st place ward of Physical Therapy in 2013 RAD (Research Appreciation Day), UNTHSC 2013.
d. Alex Gustaf, Sam Taylor. Gait analysis walking on an incline with different
ambulatory devices. Presented at the 2014 Conference of Texas Physical Therapy Association, Arlington, TX


Research Mentor for Physician Assistant (PA) Program students
Marc Saldivar (Feb 2010 – Present)
Bensley Mathew (Feb 2010 – present)

Research Mentor for DPT (Non-PhD) students at UCA

f. Jill Womack (2009-present)
g. Paige Bullock (2009-present)
h. Josh Eaves (2009 – present)
i. Park Tipton (2009 – present)

Technique Writing Mentor for Undergraduates


Professional Development

Membership

1. American Physical Therapy Association (APTA) 1999 - Present
2. Sections on Geriatrics and Research of APTA 2003 - Present
3. Gerontological society of America (GSA) 2005 – Present
4. Texas Chapter of APTA 2010 - present
Continuing Education/Professional Meetings

8. 2006 Southern Gerontological Society annual meeting, April, 2006. Lexington, KY.
31. 21st International Scientific Meeting of Velo-Cardio-Facial Syndrome, July 10-13, 2014, Las Vegas, NV.
34. 2016 Annual Conference of American Congress of Rehabilitation Medicine. Nov, 2016; Chicago, IL.
Curriculum Vitae

Douglas D. Lorimer, M.D., FACS

CURRENT TITLE: Task Force Member

5450 Clearfork Main Street Ste 420

817-454-3638

Chronology of Education:

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<th>UNDERGRADUATE EDUCATION:</th>
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<tr>
<td>Years</td>
<td>Degree(s)</td>
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<td>1970-1974</td>
<td>B.S. Pre-Med (<em>cum laude</em>)</td>
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<td>Years</td>
<td>Degree(s)</td>
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<td>1973-1976</td>
<td>Doctor of Medicine</td>
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<td>Surgical Internship-General Surgery</td>
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<td>1977-1981</td>
<td>Residency-General Surgery</td>
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<td>Board</td>
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<td>1982</td>
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<td>2002</td>
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<td>2012</td>
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<td>Year Granted</td>
<td>Agency/State and License #</td>
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<td>1976</td>
<td>Texas Medical Board 1976</td>
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Chronology of Employment

OTHER PROFESSIONAL EXPERIENCE:

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<th>Years</th>
<th>Title(s)</th>
<th>Institution, City, State</th>
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<tr>
<td>1981-2010</td>
<td>General Surgery</td>
<td>Douglas D Lorimer MDPA Fort Worth Tx</td>
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<tr>
<td>2010-2012</td>
<td>General Surgery</td>
<td>Medical Clininc North Texas Fort Worth Tx</td>
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<tr>
<td>2012-present</td>
<td>General Surgery</td>
<td>USMD Holdings Inc/Opumt Care</td>
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ADMINISTRATIVE EXPERIENCE

Administrative Duties

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<th>Years</th>
<th>Title/Role,</th>
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<tr>
<td>1981-1995</td>
<td>Director Peripheral Vascular Lab</td>
<td>St Joseph Hospital Fort Worth, Texas USA</td>
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<tr>
<td>1987-1988</td>
<td>Vice Chief of Surgery</td>
<td>St Joseph Hospital Fort Worth, Texas USA</td>
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<tr>
<td>1989-1990</td>
<td>Chief of Surgery</td>
<td>St Joseph Hospital Fort Worth, Texas USA</td>
</tr>
<tr>
<td>1992-1993</td>
<td>Vice Chief of Surgery</td>
<td>Baylor S&amp;W Fort Worth, Texas USA</td>
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<tr>
<td>1994-1995</td>
<td>Chief of Surgery</td>
<td>Baylor S&amp;W Fort Worth, Texas USA</td>
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<tr>
<td>2003-2004</td>
<td>Vice Chief of Surgery</td>
<td>THR Harris Fort Worth, Texas USA</td>
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<tr>
<td>2004-2005</td>
<td>Chief of Surgery</td>
<td>THR Harris Fort Worth, Texas USA</td>
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<tr>
<td>2005-2010</td>
<td>Medical Director Bariatric Services</td>
<td>THR Harris Fort Worth, Texas USA</td>
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<tr>
<td>2006-present</td>
<td>Member at large Credentials Committee</td>
<td>THR Harris Fort Worth, Texas USA</td>
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<tr>
<td>2014-2015</td>
<td>Secretary Medical Staff</td>
<td>THR Harris Fort Worth, Texas USA</td>
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<td>2016-present</td>
<td>Chairman, Credentials Committee</td>
<td>THR-Harris Fort Worth, Texas USA</td>
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<tr>
<td>2016-present</td>
<td>Vice Chief Medical Staff</td>
<td>THR-Harris Fort Worth, Texas USA</td>
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PROFESSIONAL COMMUNITY ACTIVITIES

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<th>Years</th>
<th>Title/Role,</th>
<th>Institution/Organization, City, State,</th>
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<tr>
<td>2005-2009</td>
<td>Secretary</td>
<td>Southern Society of Clinical Surgeons</td>
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<tr>
<td>2010</td>
<td>President</td>
<td>Southern Society of Clinical Surgeons</td>
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<td>2010-2016</td>
<td>Candidate Review Committee</td>
<td>Am. College of Surgeons Chicago, Illinois</td>
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</table>

ORAL PRESENTATIONS

Meeting Presentations

Regional/Local

Year 1985    Robert J. Turner MD, Douglas D. Lorimer MD. Entappan Lavage for Peritonitis. Texas Surgical Society, Dallas, Texas USA.

Year 1990    Douglas D. Lorimer MD. Community Experience with Greenfield Vena Cava Filters. Houston, Texas USA

Year 1990    Douglas D. Lorimer MD. Surgical Complications in Patients With Amyloidosis. North Texas Chapter, American College of Surgeons. Dallas, Texas

10/12/2017
CURRICULUM VITAE
Machaiah Madhrira, MD, MPH, FASN
404 Wickham Lane, Southlake, TX-76092
Tel: (520) 345-7595
mmadhrira@tarrantnephrology.com

Current Positions
Program Director, Internal Medicine Residency – Plaza Medical Center, Fort Worth 11/2015- present
Adjunct Clinical Assistant Professor of Medicine, UNTHSC
Nephrologist-Tarrant Nephrology Associates 09/2015-present

Previous Positions
Assistant Professor of Medicine-Core faculty 07/2009-07/2015
Division of Nephrology, University of Arizona Medical Center, Tucson
Nephrologist-Southwest Kidney Institute, Tucson 10/2013-08/2015
Interim- Chief of Nephrology, University of Arizona 01/2011-03/2011
Nephrology Director of Medical Students Education 08/2010-09/2013
Medical Director of Dialysis Unit (DCI-North) 08/2009-12/2014

Chronology of Education
Bachelor of Medicine, Bachelor of Surgery (MBBS) 10/1995-12/2001
Mysore Medical College, University of Mysore, Karnataka, India
Master of Public Health (MPH) 01/2002-06/2004
Arnold School of Public Health, University of South Carolina, Columbia, South Carolina
Harlem Hospital Center, Columbia University College of Physicians and Surgeons
Clinical Fellowship: Nephrology and Hypertension 07/2007-06/2009
Harlem Hospital Center, Columbia University College of Physicians and Surgeons

Board Certifications
American Board of Internal Medicine (Nephrology) 01/2010-12/2019
American Board of Internal Medicine 08/2007-12/2017
Licenses

Texas Medical Board 07/2015-07/2017
Arizona Medical Board 04/2009-04/2017

Honors

Fellow of the American Society of Nephrology 04/2010

Service/Outreach

American Society of Nephrology 07/2007-present
American College of Physicians 11/2015-present
New York Society of Nephrology 07/2007-06/2009

Creative Activity

Committee: Medical Information Technology at University of Arizona- Physician Champion from Department of Medicine 10/2010-09/2013
Committee: Physician Lead from Division of Nephrology for Department of Medicine Oversight Clinical Committee 01/2013-09/2013

Clinical Trials

Principal Investigator—Clinical outcome of patients on combined ECMO and CRRT 04/2013-09/2013


Co-investigator—IK-4001-HRS-301 A multi-center, randomized, placebo-controlled, Double-blind study to confirm the reversal of Hepatorenal syndrome type 1 with Lucassin (Terlipressin) 10/2011-02/2013

Co-investigator—SDI-PMX-NA001 Evaluating the use of Polymyxin B Hemoperfusion in a randomized controlled trial of adults for endotoxemia and septic shock 11/2010-09/2013
Publications

Peer-Reviewed Journal Articles


Book Chapter

Machaiah M Madhrira. Karl Womer, Bruce Kaplan
Chapter- Graft and Patient Survival Pages 3-21
Abstracts (Peer-Reviewed)


Presentations

1. Lecture Series on Nephrotic Syndrome and Glomerulonephritis at Plaza Medical Center and University of Arizona for medical students and residents.

2. Nephrology Core Curriculum Lectures and Grand Round presentations for Nephrology Fellows at University of Arizona.


4. Presentation at the Columbia University Renal Clinicopathologic Conference. March 2009 HIV associated Nephropathy

Reviewer (Peer-Reviewed journals)

1. JASN
2. Kidney International
CLINICAL, TEACHING AND LEADERSHIP EXPERIENCE

2/1997-now  Academic Teaching Hospitalist in JPS Health Network, Fort Worth, TX
Treating the sickest Internal Medicine patients in Tarrant County, Fort Worth, TX for 19 years now and teaching the Family Practice Residents John Peter Smith Hospital, Fort Worth, TX, the medical students from The University of North Texas Health Science Center and in the past Internal Medical residents from Plaza Medical Center and University of Texas Health Science Center, Fort Worth, TX

7/1984- 12/1993  Assistant and Senior Assistant Professor, Department of Endocrinology, Alexandrovska University Hospital, Sofia, Bulgaria.
Significant experience and treating the all endocrinology conditions
And educating medical students and residents from Medical Academy, Sofia, Bulgaria

Dec 2005 – Present  Medical Director, Inpatient Services. Responsible for being Lead Teaching hospitalist, arranging the Geographic Model of rotation of the hospitalists, Introducing first in State of Texas Medicine- Psychiatry Unit and Observation unit to the JPS Hospital Fort Worth, TX

May 2008 – Sept 2009  Interim Chairman, Department of Internal Medicine John Peter Smith Health Network, Fort Worth, TX

Sept 2009 – Present  Chairman, Department of Internal Medicine, John Peter Smith Health Network, Fort Worth, TX. Experience in managing More than 100 physicians in UM, Improving patient’s satisfaction etc. for 8 years now.
EDUCATION AND
POST GRADUATE EDUCATION AND TRAINING

Oct 1978 – Oct 1984  Medical Academy, Sofia, Bulgaria
M.D. Valedictorian class 1984 and awarded with Golden Hippocrates Statue Medal

Oct 1984 – Jan 1989  Alexandrovska University Hospital, Sofia, Bulgaria
Internship and Residency, Internal Medicine

Oct 1984 – Jan 1991  Alexandrovska University Hospital, Sofia Bulgaria
Fellowship, Endocrinology and Metabolism

British Council Research Fellowship, Endocrinology

April 1992 – Dec 1993  Alexandrovska University Hospital, Sofia Bulgaria
Senior Assistant Professor, Department of Endocrinology

Jan 1994 – Jan 1997  Lincoln Medical and Mental Health Center, Bronx, NY
Internship and Residency, Internal Medicine

Jan 1997- now/2014/ Teaching ward Hospitalist attending physician, John Peter Smith Hospital,
Fort Worth, TX

Dec 2005 – May 2007  University of Texas at Dallas, School of Management, Dallas, TX
MS, Health Care Management

CERTIFICATIONS
1991  Board Certification, Bulgaria and European Union
Endocrinology and Metabolism

Nov 1997 - 2007  American Board of Internal Medicine

Recert. May 2003 - 2017  Internal Medicine (scored in top 10%)

Recertification April 2013  Internal Medicine/scored top 10%/  

Feb 2010 – 2020  Certified Physician Executive Degree
Awarded by America College of Physician Executives
LICENSURES

Feb 1997  Texas License
           Active

Jan 2009  Florida License
           Active

ACADEMIC APPOINTMENTS

October 2016- now University of Texas Health Science Center, Fort Worth, Texas
           Professor, Department of Medical Education

Oct 2010 - October 2016 University of North Texas Health Science Center, Fort Worth, TX
           Adjunct Clinical Associate Professor, Internal Medicine Department

Dec 2010 - 2016 University of Texas Southwestern Medical Center, Dallas, TX
           Voluntary Assistant Professor, Clinician Track, Department of Family and
           Community Health

Feb 2016- now University of Texas Southwestern Medical Center, Dallas, Texas
           Voluntary Associate Professor, Clinical Track, Department of Family
           And Community Health

PROFESSIONAL APPOINTMENTS

Feb 1997 - Present John Peter Smith Health Network (FACULTY), Fort Worth, TX
           Teaching Attending, Internal Medicine

OTHER PROFESSIONAL POSITIONS AND APPOINTMENTS

Jan 2004 – Dec 2008 Chairman, Pharmacy and Therapeutics Committee
           John Peter Smith Health Network, Fort Worth, TX

Jan 2004 - Present John Peter Smith Health Network, Fort Worth, TX
           Member, Medical Executive Committee
Jan 2008 – Present  John Peter Smith Health Network, Fort Worth, TX
Member, Chairman’s Committee

Jan 2008 – Dec 2011  John Peter Smith Health Network, Fort Worth, TX
Member, Pharmacy and Therapeutics Committee

Sept 2009 – Apr 2013  John Peter Smith Health Network, Fort Worth, TX
Member, Board of Directors of JPS Physician Group

October 2013-2016  Vice Chairman of the Board of Directors of JPS Physician Group, Fort Worth, Tx

Jan 2010 – Dec 2011  John Peter Smith Health Network, Fort Worth, TX
Member of Medical Records Committee

Jan 2012 – Jan. 2016  Chairman of Pharmaceutical and Therapeutics Committee  John Peter Smith Health Network, Fort Worth, TX

May 2008- 2016  Member of GMEC Committee, JPS Health Network, Fort Worth, TX

January 2016- Present  Member of the Bylaws Committee, Pharmacy and Therapeutics Committee, Quality, Safety and Governance, and Capital Budget’s Committees, Code Committee, Stroke Committee and the Utilization Committee of JPS Health Network, Fort Worth, TX

MEDICAL, SCIENTIFIC AND PROFESSIONAL SOCIETIES
1991  British Diabetic Association
2005  American Diabetes Association
2009  American College of Physician Executives
2009  Fellow of American College of Physicians

AWARDS/ HONORS
1984  Valedictorian of Medical Class, Sofia Bulgaria
Golden Hypocrates Statuette and Medal
2004 & 2008  Awarded for dedicated service as the Chairman of Pharmacy and Therapeutics Committee
2010  Appointed as Fellow of American College of Physicians
INTERNATIONAL PRESENTATIONS
9/15/1988 Bulgarian Endocrinology Congress
10/10/1990 Bulgarian Internal Medicine Association
10/12/1992 Bulgarian Internal Medicine Association
11/11/1992 Bulgarian Neurology Association

NATIONAL CONSULTING / PRESENTATIONS
9/5/2003 Treatment of DM, Type 2 – New Advances
Texas Medical Directors Association, Texas Geriatrics Society, Louisiana Medical Directors Association, and Oklahoma Medical Directors National Annual Symposium

2006 CME Lecture, Prophylaxis of DVT in Medical Patients, Baylor Medical Center, Houston, TX

12/2006, 10/2009 DVT Prophylaxis and Treatment, Dallas, TX
1/2009 San Francisco, CA

2006 Treatment of Lipid Abnormalities, Dallas, TX


12/2009 Pathogenesis of COPD, Miami, FL

11/2009 CME Lecture, Modern Approach to Treatment of HTN, Texas Society of Family Practitioners

11/2009 Treatment of DM, Type 2, Chicago IL

10/2013 A case with West –Neil myocarditis presenting as non –ST elevation MI- Texas chapter of ACP

REGIONAL PRESENTATIONS
5/21/ 2004  Treatment of DM, Type 2, Plaza Medical Center, Fort Worth, TX

6/2006   DVT Prophylaxis in Medical Patients, Baylor Medical Center providers, Houston, TX

8/2008   Plaza Medical Center, Fort Worth, TX

11/2009  Treatment of Hypertension, Texas Society of Family Practitioners, Fort Worth, TX

9/2010, 9/2012 Treatment of DM, Type 2, Texas Society of Physician Assistants, Fort Worth, TX

3/2011 Research Appreciation day- UNTHSC, Fort Worth, TX
A 28 year old Hispanic male with a suprasellar Germ cell tumor-case report.

3/2013 Research Appreciation day- UNTHSC, Fort Worth, TX- A case of West Neil virus myocarditis presenting as non-ST elevation MI.

6/6/2014 JPS Research day 2014 Annual Conference, Fort Worth, TX-Poster Presentation - FACTORS AFFECTING Decrease in B-type Natriuretic Peptide During Hospitalization and Correlation of Decrease with Emergency Department Revisits.

REGIONAL LECTURES AS A VISITING PROFESSOR
1/2008 Treatment of Lipid Abnormalities, Midland-Odessa, TX
1/2009 Plaza Medical Center, Fort Worth, TX

LOCAL PRESENTATIONS (CME LECTURES AND GRAND ROUNDS)

Interpretations of Thyroid Function Tests, Family Practice Residents, JPS Hospital, Fort Worth, TX, 1997, 1998

Treating Lipid Disorders, Family Practice Residents, JPS Hospital, Fort Worth, TX, 2003

Metabolic Syndrome, Family Practice Residents, JPS Hospital, Fort Worth, TX, 2008, 2009

Treating Diabetic Emergencies, Family Practice Residents, JPS Hospital, Fort Worth, TX, 2003, 2006, 2007, 2009

Inhospital Treatment of Diabetes and Interpretation of Thyroid Function Tests, UNTHSC Medical Students rotating at JPS Hospital, Fort Worth, TX, each month for last two years.
DVT Prophylaxis and Treatment, Medical Staff, JPS Hospital, Fort Worth, TX, 2003 and Family Practice Residents, JPS Hospital, Fort Worth, TX, 2005, 2008, 2010

5/2014 Internal Medicine Ground Round- Pathogenesis and Treatment of Diabetes mellitus type 2-
John Peter Smith Hospital, Fort Worth, TX

**PUBLICATIONS IN PEER-REVIEWED JOURNALS in USA, France, Germany and Bulgaria**

1. A. Manov. Changes in some clinical and laboratory parameters in reactive hypercortisolism/Problems of Internal Medicine, vol. 2, 1987-Bulgaria/.


6. V. Christov, A. Manov. Application of Human Insulin in three patients suffering from Diabetes Mellitus type II and Insulin Resistance/ Internal Medicine, vol.1, 1989-Bulgaria/.

7. A. Manov, I. Ivanov. Diagnosis of Primary Hyperparathyroidism and it’s differentiation from other hypercalcemic and hypercalciuric conditions/Medical Review, vol.2, 1989-Bulgaria/.


18. A. Manov. The role of inadequate expression of HLA-class-II- molecules in the pathogenesis of Diabetes Mellitus Type I/Internal Medicine, vol. 3, 1990-Bulgaria/. 


20. A. Manov. The Role of the Adhesion Molecules in the onset of the Autoimmune Process, the lymphocytic migration and the presentation of the autoantigens to the lymphocytes/Contemporary Medicine, vol. 5, 1993-Bulgaria/. 


25. A. Manov. The expression of the adhesion molecule CD44 on thyroid epithelial cells in culture and on snap frozen sections from different thyroid autoimmune disorders/Contemporary Medicine, 3, 1995- Bulgaria/. (This is the first description of this molecule on thyroid cells and discussions of its role). 

Summary: The expression of the adhesion molecule CD44 on thyroid epithelial cells and snap frozen sections from the patients with different autoimmune diseases has been described for the first time. The role of the adhesion molecule CD44 has been discussed in those autoimmune thyroid disorders. 


31. A. Manov, S. Subramaniam et al. Middle Aged Female with Shortness of Breath, Congestive Heart Failure and Left Pleural Effusion-What is the Diagnosis? Epidemiology (Sunnyvale) 2016, 6: 254 doi: 10.4172/2161-1165.1000254

GRANTS
Phase III ,Multi- Center ,Randomized ,Double- Blind Clinical Trial to Study Safety and Efficacy of addition of Sitagliptin to patients with Type 2 Diabetes Mellitus who have Inadequate Glycemic Control- PI for the John Peter Smith Hospital, Fort Worth, TX 2008
PERSONAL DATA
Languages: English, German, Russian, Bulgarian
Interests and Hobbies: Hiking, swimming – was on the Bulgarian national team in 1974.
CURRICULUM VITAE

Name: Porunelloor A. Mathew, Ph.D.

Work: Institute for Molecular Medicine
UNT Health Science Center at Fort Worth
3500 Camp Bowie Blvd.
Fort Worth, TX 76107

Phone: 817-735-2120
Fax: 817-735-2118
Email: Porunelloor.Mathew@unthsc.edu

A. Education:

1988-90: Postdoctoral fellow in the laboratory of Dr. MR Waterman, Department of Biochemistry, UT Southwestern Medical Center, Dallas, Texas. Research project: Regulation of steroid hydroxylases gene expression.

1987-88: Postdoctoral fellow in the laboratory of Dr. GP Studzinski, Department of Pathology, University of Medicine and Dentistry of New Jersey, New Jersey Medical School, Newark, New Jersey. Study focused on the role of oncogenes in cell proliferation and differentiation.

1987 Ph.D., Biochemistry, University of Pune, India
Thesis: "Structural and evolutionary aspects of hemoglobins of mammals with reference to primates and murine animals"

1979 M.S., Biochemistry, University of Pune, India

1974 B.S., Physics (major), Chemistry & Mathematics (minor), University of Kerala, India

B. Professional Experience:

9/16 – Present: Associate Professor, Institute for Molecular Medicine, University of North Texas Health Science Center at Fort Worth, Fort Worth, TX

7/16 – Present: Associate Professor (Cross- appointment), Department of Medical Education, Texas College of Osteopathic Medicine, UNTHSC, Fort Worth, TX.

7/16 – 9/2016: Associate Professor and Interim Chair, Department of Cell Biology and Immunology, University of North Texas Health Science Center at Fort Worth, Fort Worth, TX

5/14 – 6/2016: Associate Professor and Vice-Chair, Department of Cell Biology and Immunology, University of North Texas Health Science Center at Fort Worth, Fort Worth, TX
9/00 – present: Associate Professor (with tenure), Department of Molecular Biology and Immunology, University of North Texas Health Science Center at Fort Worth, Fort Worth, TX

9/02 – 9/2016: Associate Director for Basic Research, Institute for Cancer Research, UNTHSC at Fort Worth, Fort Worth, TX

9/02 – 9/2007: Graduate Advisor, Graduate Program in Microbiology and Immunology, UNTHSC at Fort Worth, Fort Worth, TX

5/1996 – 8/2000: Assistant Professor, Department of Molecular Biology and Immunology, University of North Texas Health Science Center at Fort Worth, Fort Worth, Texas.

5/96- 2001: Special Faculty in Immunology graduate program, UT Southwestern Medical Center, Dallas, Texas.

1993-96: Assistant Professor (Research Track), Department of Pathology, University of Texas Southwestern Medical Center, Dallas, Texas.

1991-93: Instructor, Department of Pathology, UT Southwestern Medical Center, Dallas, Texas. Research project: Molecular basis of natural killer cell recognition and activation by target cells. Laboratory of Drs. Michael Bennett and Vinay Kumar.

1990-91: Asst. Instructor, Department of Pathology, UT Southwestern Medical Center, Dallas. Research project: Molecular basis of natural killer cell recognition and activation and their role in bone marrow stem cell (BMC) rejection. Laboratory of Drs. Michael Bennett and Vinay Kumar.

1981-87: Lecturer, Department of Biochemistry, Postgraduate School of Biological Studies, Ahmednagar College, Ahmednagar, India.

1979-81: Junior Research Fellow, Department of Biochemistry, Postgraduate School of Biological Studies, Ahmednagar College, Ahmednagar, India.

C. Honors and Awards

“American Association of Immunologists Laboratory Travel Award” to attend Immunology 2017, 104th Annual meeting of the American Association of Immunologists, May 12-16, 2017, Washington, D.C., USA.

“American Association of Immunologists Laboratory Travel Award” to attend Immunology 2015, 102nd Annual meeting of the American Association of Immunologists, May 8-12, 2015, New Orleans, LA, USA.

Keynote Speaker/Chair and Member of Scientific Organizing Committee, “Global Cancer Conference and Medicare Submit-2014” September 15-17, 2014, Hyderabad, India.

“American Association of Immunologists Laboratory Travel Award” to attend
Immunology 2014, 101st Annual meeting of the American Association of Immunologists, May 2-7, 2014, Pittsburg, PA, USA.

Session Chair and Main Speaker on "Tumor Science and Novel Approaches to Cancer Therapeutics", at the 3rd World Congress on Cancer Science and Therapy, October 21-23, 2013, San Francisco, CA, USA.

“American Association of Immunologists Laboratory Travel Award” to attend Immunology 2013, 100th Annual meeting of the American Association of Immunologists, May 3-7, 2013, Honolulu, Hawaii.

“Outstanding Graduate Faculty Award” for 1999-2000, given by the Graduate School of Biomedical Sciences and the Graduate Student Association, UNT Health Science Center, Fort Worth, Texas.

Nomination for “Outstanding Graduate Faculty Award” for 2002, UNT Health Science Center, Fort Worth, Texas.

Nomination for “Outstanding Graduate Faculty Award” for 1998, UNT Health Science Center, Fort Worth, Texas.

Nomination for “Outstanding Graduate Faculty Award” for 2004, UNT Health Science Center, Fort Worth, Texas.

Nomination for “Outstanding Graduate Faculty Award” for 2006, UNT Health Science Center, Fort Worth, Texas.

Co-Scientific Director, XVIth Texas Immunology Conference, November 20-22, 1998 Fort Worth, Texas.

University Grants Commission (UGC) Fellowship, Government of India (1978-79)

Department of Sciences and Technology Fellowship, Government of India (1979-81)


Patents:

1. “Immuno activation of CS1 receptor in Natural Killer cells to inhibit tumor cell growth” US Patent - 7041499 B2; date of issue –May 9, 2006. CS1 is a novel receptor expressed on NK cells and we have shown that activation of NK cells through CS1 using a monoclonal antibody increased killing of cancer cells. We have shown that anti-CS1 antibody activates NK cell cytotoxicity against various cancer cells. This lead to the development of humanized anti-CS1 mab (Elotuzumab or Empliciti) by BMS, which showed excellent results in clinical trials for multiple myeloma. FDA has approved Empliciti as a break through drug for MM treatment. Inventors: Porunelloor Mathew and Kent Boles.

2. “Methods for increasing IFN-gamma in Natural Killer cells expressing LLT1
receptor”. Patent No.US 7524622B2 dated 4-28-2009. LLT1 is a receptor expressed on NK cells, certain cancer cells (glioblastoma and breast cancer) and osteoclasts and regulate immune function as well as bone resorption. LLT1 is a ligand for NK cell inhibitory receptor NKRP1A and tumor cells express LLT1 to inhibit NK–mediated immune surveillance. Inventors: Porunelloor Mathew and Kent Boles.

3. “Cell surface exosomal PCNA as a novel marker for cancer stem cells (CSC) and elimination of CSC by blocking inhibitory signal to NK cells”. Disclosure submitted to UNT HSC IPAC Committee on June 19, 2013. Inventors: Porunelloor Mathew and Nathan Horton.


D. Membership of Professional Societies

American Association of Immunologists

Society for Natural Immunity

American Association for Cancer Research

E. Teaching Experience

1. UNT HSC-FW

a. Lectures or courses – Medical

Teaches Immunology Course, Immunology System I (MEDE5712) also conducts the CIL (MLM) lab for Medical students. Actively participated in all Case studies (Lab Courses) for Medical Microbiology & Immunology course for Medical students during 1996-2000. I have been instrumental in rearranging and developing new immunology lectures and lab cases. These topics included cancer immunology, molecular aspects of HIV infections and principles of vaccination. As a member of the POMDIL committee, I actively participated in the development of the new curriculum (Immunology portion) for medical students.
Course Director for the Honors Course- Cancer Immunology (MEDE 7120-034) I developed the Course and teach the course by myself.

b. Lectures or courses - Graduate

I have made tremendous contribution to the graduate education. During my first year at UNTHSC, when there was no Integrated Biomedical Science course for graduate students, I developed and taught an ‘Advanced Molecular Biology’ course to the graduate students. I took an active part in the development of Integrated Biomedical Science course (MBSC 5600) and have been the Course Director for Module II (Micro/Molecular Biology) of MBSC 5600. In the revised Core Course, I have been the Course Director for BMSC 5710 (Now BMSC 6305) Immunology and Microbiology since 2002. Course Director for Summer Remediation Course remedBMSC 6305. I am also involved in the development and execution of Workshops for graduate students. I am also Course Director for Advanced Molecular Biology: Techniques and Principles (CBIM 6202). In fact, I have developed and teach most of the topics myself. In addition, I have been Course Director for two more graduate courses – (1) Seminar in Current Topics and (2) Seminar in Immunology from 1999-2005. In addition I teach a major portion of the MOMG 6250 - Molecular and Cell Biology of Cancer to Cancer Biology students (I cover the Cancer Immunology portion).

I also participate in teaching to Masters Medical students. I teach HIV/AIDS “Molecular aspects of HIV infections” in “Introduction to Health Disparities” (BMSC 5231/HMAP5262) course. I served as the Graduate Advisor for the Microbiology and Immunology graduate program for five years, helping students in this program and also interviewing future prospective students. In addition, I make major contribution to the Cancer Biology program and have been a member of the Graduate Affairs Committee (GAC) since the inception of the Cancer Biology program. I served as an adjunct faculty member of the Biochemistry and Molecular Biology Graduate program and give my expertise in Molecular Biology in students Oral qualifying exams and other committees. Thus over the years I have made valuable contributions to three Graduate programs of the GSBS. I also developed and taught (as the course director) a summer course, BMSC 5500 Advanced Microbiology and Immunology to McNair students in 2002-03. I actively participate in all the minority programs of the School (McNair, Bridge, SMART) and every summer one student works in my lab.

c. Lectures or courses – Physician Assistant

I taught Immunology to PA students as part of their course PA Microbiology and Immunology (PA 3204) in 1999-00 and later on PA Mechanisms of Disease (PA 5300).

d. Lectures or courses - Public Health

e. Grant round presentation

f. Hospital staff presentations

g. Supervision

i. Hospital

ii. Student rotations – medical and or PA
Two medical students (DO (Angela Pirooz and Tuan Pham)) did summer rotations in my lab and this eventually lead them to join my lab for PhD. Angela Pirooz was awarded a summer research fellowship from AMA to work in my lab.

iii. Graduate students – major professor

Ten students have completed their Ph.D. degree and Seven students their Masters degree under my direct supervision. Their training information is given below:

Trainee/Degree / Training Period/ Title/ Current affiliation

Kelly Bowen/MS/20013-2015/ “Evaluation of NK cell – Astrocyte Interactions: Potential role in HIV-associated Neurocognitive Disorders and HIV- Associated Dementia”. Research Assistant at UT MD Anderson Cancer Center, Houston, TX.

Nathan Horton/PhD/2008-2014/ “Extracellular proliferating cell nuclear antigen as a marker and therapeutic target for cancer stem cells”. Supervisor, Molecular Diagnostics, Sonic Reference Laboratory (Clinical Pathology Laboratories), Austin, Texas.

Prachi Dongre/PhD/2007-2012/ “Transcriptional regulation of mouse CS1 (CD319, SLAMF7) gene”. Postdoctoral Research Fellow at Baylor College of Medicine, Medicine, Houston, TX.

Jongrok Kim/PhD/2005-2010/ “Expression of CS1 and 2B4 in human systemic lupus erythematosus and transcriptional regulation of CS1 gene”/Postdoctoral fellow at Baylor Institute of Immunology, Dallas, TX.

Kim Aldy/MS/2007-2009/ “Functional role of 2B4+CD8+T cells against HIV epitopes”/Research Assistant at UT Southwestern Medical Center, Dallas, TX (Co-mentor). Joined Medical School and now practicing Physician.

Nowland Bambard / PhD/ 2002-2008/ “Signaling in Natural killer cells: NK cell activation by LLT1 receptor”/ Scientist, Fisher Scientific Company, Oklahoma City, OK.

Krithi Rao/ MS/2005-2007/ “Functional role of human 2B4 (CD244) isoforms in natural killer cells”. She joined the MD Anderson Cancer Center at Houston for PhD in Cancer Biology.

Vaidya, Swapnil / MD. Ph.D. /2001-2005/ GSBS/ Function and regulation of the natural killer cell receptor 2B4 (CD244). President and CEO, Advanced Allergy and Asthma Associates, Keller, TX.

Lee, Jaekyung / Ph.D./2001/2005/GSBS/ Signal transduction in human NK cells. Assistant Professor at Emory University, Atlanta, GA.

Angela Pirooz/DO/MS /2003-2005/ Identification of the Ligand for Natural Cytotoxicity Receptor NKp44 and Regulation of Natural Killer Cell Function with Aging. Research Scientist at Ambion, Austin, TX.

Pham, Hoang-Tuan /DO,Ph.D/ 1998-2003 “Functional role of lectin-like receptor (LLT1) in human NK cells”/ Residency in Internal Medicine, Oklahoma University Medical Center, Tulsa, Oklahoma.


Medina, Miguel/ M. S./ 1999-2001/ “Molecular cloning and regulation of expression of an NK cell receptor”/ Graduate student at Baylor University, Houston, TX.

Huynh, Van / M.S./ 1999-2001/ “Molecular basis of 2B4-CD48 interactions”/ Research assistant at UT Southwestern Medical Center, Dallas, TX.

Verret, Pamela/ M.S./ 1996-1998/ “Construction of inducible p53 expressing vector for functional studies in human cytomegalovirus transformed and infected cells”/ Research assistant at UT Southwestern Medical Center, Dallas, TX.

iii. Graduate students – committee member

I have served as a member (some cases as chair of the committee) of the following student committees:

Research Advisory Committee:

Gheath Al-Atrash, DO/PhD;
Kent Boles, PhD;
Woo-Jin Chang, PhD;
Ginelle Courchaine, PhD;
Pam Gill- MS;
Lisa Hodge, PhD;
Harlen Jones, PhD;
Tuan Pham, DO/PhD;
Pam Verrett- MS;
Michelle Wright, PhD;
Vinay Parameswara, PhD;
Lori Johnson, PhD;
Van Huynh- MS;
Mike Medina-MS;
Booma Srinivasan, PhD;
Anguli Sinha-MS;
Peter Gargalovic, PhD;
Susan Stepp, PhD (2000) – UT Southwestern Medical Center, Dallas;
Earl Stoneman, Ph.D. (1996) – UT Southwestern Medical Center, Dallas.
Rusha Thomas-MS;
Swapnil Vaidya, PhD;
Jaekyung Lee, PhD;
Angela Pirooz-DO/MS;
Jwalitha Sankardas, PhD;
Nisa Limaye, PhD – (UT Southwestern -2005 – External University Member);
Gene Devora, MD/PhD– (UT Southwestern -2003 – External University Member);
Don Roberts, PhD;
Kevin Condal, MS;
Sheetal Bodhankar, 2010, PhD,
Gulab Zode, PhD;
Weiss Love, PhD;
Kathy Leake- PREP student
Myriam Iglewski, PhD;
Karen Meeks, PhD;
Shashak Bharill, PhD;
BJ Kim- PhD - 2010
Anupam Shule, PhD – 2010
Mayael Pedreus – MS - 2010
Lyndsey Harden, MS-2011
Soumya Krishnamoorthy, PhD; 2012
Archana Archana Phd- 2013
Courtney McKee MS – 2012
Prachi Dongre, PhD -2012
Charisse Tan, MS – 2013 (Co-mentor)
Alea Ausmer, MS, 2013
Wenjun Li, PhD -2013 (U. member)
Chandra Bathina, PhD – 2014 (U. Member)
Mukesh Sahu Phd- 2013
Neha Vartak, Ph.D. – 2013
Xiaoyu Luo, PhD – 2014
Marilyne Kpetemey, PhD – 2014
Rutika Kokate, PhD- 2014
Padmaja Paidipally, MS Biotech at UT Health Science Center Tyler; External Reviewer-2015.
Sheelia Powers, MS - 2016
Mayuri Thete, MS- 2016.
Pejman Rahimian, PhD- 2016 (University member)
Michel Nolan, MS – 2016
Rebecca Johnson, PhD – 2016

Currently Serving as Member of Research Advisory Committee for following students:

Lee Gibbs, PhD – Cancer Biology
Sagar Shelake, PhD – Cell Biology & Immunology
Shruti Nooka, PhD - Cell Biology & Immunology
Kathleen Borgmann, Ph.D. - Cell Biology & Immunology
Rudy Castillo, PhD.- Cell Biology & Immunology
Joseph Malaer, PhD
Armando Marrufo, MS.
Myrna Hurtado, PhD – Cancer Biology

6310 Committees:
iv. Research laboratory – medical and/or graduate students

Summer Students training:

1. Natalie White, HBCU student, 2016
2. Justin George, SMART student 2016
4. Roshni Mohan, SMART student, 2013
5. Jo Contreras, SMART student, 2012
6. Chris Evans, visiting scholar, 2010-2011
7. Ronald C. Martin, HBCU summer scholar, 2010
8. Camille McCallister, SMART student, 2009
13. Dang Tran, MS student on lab rotation, 2008
15. Issac Hernandez, SMART student, 2007
17. Shefali Gajjar, SMART student, 2006
18. Jetaime Ross, SMART student, 2005

I had at least one Summer student in the lab every year before 2003 (list not provided), and also had Bridge student in collaboration with Southern University, Baton Rouge. I have gone to Baton Rouge (with Dr. Robert Kaman) to recruit minority students to UNT Health science Center. Thus I have played an active role in Minority Education.

v. Post-doctorate associates

The following individuals got post-doctoral training in my laboratory:
Kumaresan, Pappanaicken, Ph.D. / Postdoctoral 1996-2001; Research Assistant Professor 2001- 2003/ Research Scientist, Cancer Institute, UC Davis, Davis, CA.


Jabin, A, M.D. / 1993-96/postdoctoral fellow/ clinical practice

Stephen Mathew, Ph.D./ Postdoctoral fellow/2002- 2003; 2003-Research Assistant Professor/ Characterization of 2B4 knockout mice.

vi. Visiting Scientists

Dr. Marion Brown (1998), Oxford University, Oxford, UK, visited my laboratory in connection with our collaborative work on identifying the ligand for the 2B4 (CD244) receptor. In addition, Dr. Michael Bennett and Dr. Vinay Kumar, visited my laboratory in connection with our ongoing research collaboration. (They also gave departmental seminar during some of their visit).

Dr. JiHua Zhong, Professor, Department of Hematology Laboratory, RenJi Hospital School of Medicine, ShanghaiJiaoTongUniversity, Shanghai, People’s Republic China, visited my lab during December, 2009.

2. Other supporting materials (optional)

In addition to being elected as the Outstanding Graduate Faculty (1999-2000), my teaching excellence is evidenced by the success of my graduate students and summer students. The following students I mentored received the outstanding graduate of the Microbiology and Immunology program: Kent Boles, PhD (2000), Swapnil Vaidya, PhD (2005), Nowland Bambard (2006), Jae Lee, PhD (2005- Outstanding student in Biomedical Sciences program). Prachi Dongre (2010), Nathan Horton, PhD (2013). Two of my students were awarded Sigma Xi grant in Aid while working under my supervision. Swapnil Vaidya- “Identification of a novel tumor associated ligand for the natural killer cell receptor 2B4” -2002. Jae Lee – “Characterization of a novel CD2 receptor, CS1 on human natural killer cells” – 2002. Three summer students worked in my lab received the first prize in their summer research presentation. Drs. Pappanaicken Kumaresan, Sam Chuang, and Stephen Mathew, while working in my lab as junior faculty (Research assistant professor) received Junior Faculty Travel Award from the American Association of Immunologists.

F. Service

1. TCOM (UNTHSC) committee memberships

Member, University Promotion and Tenure Committee, 2009- 2011

Member, Intellectual Property Advisory Committee (IPAC), UNTHSC, 9/2002- present.
Graduate Advisor, Program in Microbiology and Immunology, UNTHSC, 9/2002- 9/2007.

Member, Curriculum Committee, UNTHSC, 2001- present.

Member, Task Force Committee on Development of CORE Curriculum in Biomedical Sciences, UNTHSC, 2000-2001.

Member of the POMDIL committee for development of new curriculum at UNTHSC – 1996-97. I contributed to the development of Immunology portion of the new curriculum.

2. Patient care

3. Professional service – local, state, national, international

Seminar Coordinator for Department of Microbiology and Immunology –1996-97

Seminar Coordinator for Department of Molecular Biology and Immunology – 1998-99.

Member of Departmental Space Committee, 2001-2002.

Member – Focus group on Microbiology and Immunology Program- 2005.

Member – Executive Committee for Department of Molecular Biology and Immunology - 2005 – 2013.

Member, Cancer Biology Focus program - 2006

Faculty Search Committee member, MBI, - 2003 – 2005

Chair, Faculty Search committee, MBI- 2006 – 2009

Chair, Promotion and Tenure Committee, MBI, 2009- 2011

Chair, Promotion and Tenure Committee, Cell Biology & Immunology, 2014- 2016

Member, Chair Search Committee for MBI – 2012- 2013.

Associate Director for Basic Research, Institute for Cancer Research - 2002- 2016

Organized the XVIth Texas immunology conference at UNT Health Science Center at Fort Worth, along with Drs. Goldfarb, Bennett and Yuan.1998.

Member of External Evaluation committee for Graduate program in Biomedical Sciences - 2013.

Member, Faculty Search Committee, Cell Biology and Immunology – 2013-14.

Member, Faculty Search Committee, Department of Forensic and Molecular Genetics-2013-14.
4. Community service -

Worked for ‘Habitat for Humanity’. I spend a major time during weekends to help and guide young people belonging to IPA church, Irving, TX.

G. Professional activities

1. Journal Reviewer for:

   The Journal of Immunology
   Blood
   Journal of Leukocytes Biology
   Cellular Immunology,
   Cancer Microenvironment
   Oncogene,
   Indian Journal of Biochemistry and Biophysics
   Trends in Immunology
   Journal of Medical Genetics
   Clinical and Experimental Immunology
   Science Asia
   Archivum Immunologiae et Therapiae Experimentalis (Polish Immunology Journal)
   Scandinavian Journal of Rheumatology
   ISRN Immunology (International Scholarly Research Network- Immunology)
   Mediators of Inflammation
   Cell Cycle

Editorial Board Member:


2. Grant reviewer

   Member, NIH Study Section, Immunology IRG Special Emphasis Panel, ZRG1 F07-J (21), March, 2015.

   Member, NIH Study Section, Immunology IRG Special Emphasis Panel, ZRG1 F07-K (20) & ZRG1 IMM-K (81), February, 2014.

   Member, NIH Study Section, NIAID, Special Emphasis Panel “Immunobiology of Host Defense”, ZAI1 QV-1 (M1), January 2013.

   Member, NIH Study Section, NIAID, Special Emphasis Panel “Genetics of Lupus”, ZAI1 WFD-I (M1), March 2011.

   Member, NIH Study Section, IAM, ZGM1 MBRS-7 (CG) – December, 2010.
Member, **NIH Study Section**, Innate Immunity and Inflammation (III) – June, 2010.

Member, **Cancer Biology Study Section**, TRDRP (Tobacco-Related Disease Research Program), University of California, CA –April, 2010.

Member, **NIH Study Section**, Innate Immunity and Inflammation (III) – October, 2009.

Member, **NIH Study Section**, Innate Immunity and Inflammation (III) – February, 2009.

Member, **Cancer Biology Study Section**, TRDRP (Tobacco-Related Disease Research Program), University of California, CA – March, 2009.

Member, **NIH Study Section** on Experimental Immunology – 2003

Ad hoc Grant reviewer for: **The Wellcome Trust**, London, UK -2003

Ad hoc Grant reviewer for **The Israel Science Foundation**, April 2005

Ad hoc Grant reviewer for **The Volkswagen Foundation** -2005.

Grant Reviewer for **Tennessee State University** – 2006

Reviews grants for **Institute for Cancer Research** 2002- present

Grant Reviewer for Rosetrees Trust, UK; Jan 2016.

Invited to be a member of the NIH Immunology (IMM) study section to review grant applications focused on immunological development, cellular immunology, and signal transduction for the Members Conflict Immune Mechanism Special Emphasis Panel, ZRG1 IMM-N (02)M. July 27, 2011 (could not accept due to surgery).


H. Scholarly activity

1. **Grants and contracts – funded**

   1. Molecular characterization of NKp44 Ligand on Astrocytes”, RO3, NIH, Role: PI; $146000.00 (02-01-2017 to 01-31-2019).

   2. "CS1-targeted immunotherapy for Acute Lymphoblastic Leukemia (ALL) in children”, Co-PI, (PI- Stephen Mathew), ICR grant, UNT Health Science Center, $ 20,000.00 (09-01-2013 to 08-31-2014).

   3. "NKp44 Regulates Natural Killer cell effector function through recognition of cell surface PCNA”, PI (Bridge grant for Nathan Horton), UNT Health Science Center, $5000.00 (12-3-2012 to 12-3-2013).
4. "Cell Surface Exosomal PCNA is a Novel Marker for Cancer Stem Cells and Enables Escape from Natural Killer Cell Effector Function (For: Nathan Horton)" PI (Bridge grant for Nathan Horton), UNT Health Science Center, $5000.00 (12-3-2013 to 8-31-2014).

5. "Blocking inhibitory signal to Natural Killer cells to eliminate breast cancer", Principal Investigator, UNT Health Science Center, Seed grant, $25,000.00 (01-01-2012 to 12-31-2012).

5. "Natural killer cell mediated CS1-targeted therapy for Acute Lymphoblastic Leukemia (ALL) in children", Co-Investigator (PI- Stephen Mathew), Cancer Research Foundation of North Texas, $25,000. 00 (08-01-2011 to 07-31-2012).

6. "Molecular characterization of a melanoma specific ligand for natural killer cell receptor 2B4 (CD244)”, PI, Texas ARP (1-4-08 to 3-31-2011). $150,000.

7. "Ligand for the Natural Cytotoxicity Receptor NKp44”, Principal Investigator, NIH RO3 grant, $ 142,000 (4-1-07 to 3-31-09).


10. "Role of Natural Killer Cell Receptors in Lupus”, Principal Investigator, UNTHSC Intramural seed grant, $10,000 (2-9-06 to 12-31-06).

11. "Functional role of 2B4 (CD244) in HIV infection", Principal Investigator, Miller Brewing Co., Fort Worth, TX. $5000 (1-1-06 to 12-31-08).

12. “Identification of HIV antigens for use in an HIV vaccine”, Co-Investigator, (PI- S. Mathew), NCMHD EXPORT Center grant, $46,000 (5-1-06 to 6-30-07).

13. "Molecular basis for positive and negative signaling by the natural killer cell receptor 2B4(CD244)”; Co-Investigator, (PI- S. Mathew), UNTHSC Intramural seed grant, $10,000 (2-9-06 to 12-31-06).


15. "Molecular Basis of NK Cell Recognition and Activation". Principal Investigator NIH (PO1) - $440,000 (9-30-95 through 8-31-99). This grant was project # 1 of a program Project entitled " NK Cells: Receptors, Repertoire and Function” for $2.1 million. Program Director- Dr. Dorothy Yuan, UT Southwestern Medical Center at Dallas.

16. “Characterization of human 2B4 and 2B4 gene knockout mice”, Role: Principal Investigator, PO1. NIH- $193,000 (9-1-99 to 8-31-01). This grant is the competitive renewal of the Program Project. “ NK Cells: Receptors, Repertoire and Function”. 

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19. "Origin and Differentiation of NK Cells". Co-Investigator, (V. Kumar-PI) NIH, RO1 - $898,460 (7-1-93 to 6-30-98).


6. Grants and contracts – Pending

1. “Exosomal PCNA as a novel marker for Cancer Initiating Cells”, R21 grant, NIH, Role: PI; $ 401,500.00 (7-1-2015 to 6-30-2017).

2. “Molecular Basis of Age-related Thymic Involution and Rejuvenation, Co-Investigator (10% effort), PI: Dr. Su. NIH, RO1 grant AI 081995 Renewal.

7. Grants and contracts – not funded

1. “Mechanism of CD4 T cell depletion by NK cells during HIV infection", Campbell Foundation $ 50,000.00 (9-1-2015 to 18-31-2016).

2. “Exosomal PCNA as a novel marker for Cancer Stem Cells (CSC) and elimination of CSC by NK cells”, CPRIT, TX, $ 200,000.00 (HighRisk/HighImpact grant), 4-1-2016 to 3-31-2018).

3. “Molecular characterization of HIV-induced ligand for NKp44”, RO3 grant, NIH, Role: PI; $142,000.00 (1-1-2014 to 12-31-2015).

2. Role of NK cell receptor 2B4 in aging and neurodegenerative disease” – IAADR Pilot grant, $ 20,000.00 - Role: Co-I (PI- S. Mathew).

3. “Regulation of monocyte function by 2B4 (SLAMF4) and CS1 (SLAMF7)”, R21 grant NIH, Role: PI; $ 398,750.00 (07-01-2012 to 06-30-2014).


5. “Epithelial progenitor cell-based homeostasis in the thymus during aging”, NIH, RO1, Role – Co-Investigator, 5% effort; PI: Dong-Ming Su (01-04-2013 to 03-30-2018).

6. “Exosomal PCNA as a novel marker for Cancer Stem Cells (CSC) and elimination of
Porunelloor A. Mathew, Ph.D.

CSC by NK cells”, CPRIT, TX, $663,795 (8-31-2014 to 8-30-2017).


8. “Role of NK receptors 2B4 and CS1 in systemic lupus erythematosus”, RO1 grant, NIH, Role: PI; (04-01-2011 to 03-31-2015); Total amount: 1,450,000.00.


10. “Role of 2B4 (CD244) and CS1 (CD319, CRACC) in Systemic Lupus Erythematosus”; DOD, Congressionally directed medical research program (CDMRP); 2-1-2011 to 1-31-2014; Total amount: 1,051,250.00.


12. "NK Cell-mediated LLT1-targeted therapy for breast cancer", Mary Kay Foundation, Dallas, Tx, $100,000.00 (2010).

13. LLT1 gene expression and immune escape by breast cancer cells, CPRIT, Tx grant, $1,392,783, (02-01-2010 to 01-31-2014).

14. NIH-NCI R21 grant - 1R21CA149863-01 – “d- Tocotrienol in 2B4 (CD244) mediated anti-tumor activity of NK cells”.
Role: Co-PI, PI: SO Mathew (04-01-10 to 03-31-12)
Total Amount: $405,349.00.

15. UNTSC Intramural grant – “Role of immune receptors and DNA methylation in acute lymphoblastic leukemia (ALL) disparities in children”.
Role: Co-Investigator ; PI: SO Mathew (01-01-10 to 12-31-2010)
Total amount: $30,000.

16. CPRIT grant – “Function and regulation of LLT1 in breast cancer”.
Role: Principal Investigator, (04-01-10 to 03-31-14)
Total Amount: $1,300,000.00.

17. NHARP grant - Prostate cancer cells evade Natural killer (NK) cell mediated immune attack by over-expressing LLT1.
Role: Co-Investigator; PI: SO Mathew(04-01-10 to 03-31-12)
Total Amount: $200,000.00.

18. NIH R21 grant - 1R21CA139295-01 – “Immune receptors and gene-specific hypermethylation in childhood leukemia disparities”.
Role: Co-Investigator; PI: SO Mathew (04-01-09 to 03-31-11).
Total amount: $ 426,684.00.

Total amount: $100,000.00

20. Institute of Cancer Research, Fort Worth, TX – “Molecular characterization of immune receptors in leukemic subjects”; Role: Co-Investigator; PI: SO Mathew (04-01-07 to 03-31-08), Total amount: $30,000.

21. UNTHSC Interdisciplinary research grant – “Molecular basis for immune regulation in Lupus”, Role: Principal Investigator, (03-01-07 to 02-28-08), Total amount: $50,000.

22. NHARP grant – “Functional role of NK and CD8+T cell receptor 2B4 (CD244) in HIV infection”, Role: Co-Investigator, PI: SO Mathew (04-01-08 to 03-31-10). Total amount: $150,000.00.

23. Leukemia Research Foundation – “Molecular characterization of immune receptors in leukemic subjects”; Role: Co-Investigator, PI: SO Mathew (07-01-07 to 6-30-08) Total amount: $100,000.

24. Prostate cancer cells evade Natural killer (NK) cell mediated immune attack by over-expressing LLT1, Role; Principal Investigator., Tx ARP, $200,000. (2009).

25. “Role of SLAM family in systemic lupus erythematosus”, Role; Principal Investigator; NIH R21, $275,000. (2009).

26. “Molecular Cloning of a Novel ligand for the 2B4 (CD244) receptor” Principal Investigator, NIH, RO3 grant, $ 100,000 (direct cost).

27. “2B4 and CS1 in immune regulation”, Principal Investigator, RO1 grant CA85753; submitted to NIH - $ 994,000.

28. “Function, Regulation, and Signaling of LLT1 in NK cells”, Principal Investigator, RO1 grant; submitted to NIH - $ 1,000,000.

29. “Molecular Regulation of NK cell receptor expression” Principal Investigator, NIH,RO1 $643840.

30. “Novel lectin-like receptors expressed on human NK cells”, Principal Investigator, NIH, RO1 $ 643,840.

31. “Molecular basis of NK cell recognition and activation by target cells”, Principal Investigator, American Cancer Society, $ 300,000.

32. “Positive and Negative Signaling in Natural Killer Cells”, Principal Investigator, ARP/ATP Program, State of Texas, $ 76,600.

2. Invited Seminars
   a. Local and State
1. “NK cell mediated targeted immunotherapy for Cancer” Institute for cancer Research Grand rounds, UNT Health Science Center, Fort Worth, Texas, March 2, 2016.

2. “Novel NK cell-mediated targeted immunotherapy for Cancer” ICR Symposium on Current Trends in Cancer Research for Improving Diagnosis and Treatment, held on December 11, 2015 at UNTHSC, Fort Worth, Texas.


5. “Regulation of NK cell function by surface receptors”, Department of Molecular Biology and Immunology Seminar Series, UNT Health Science Center, Fort Worth, Texas, February 4, 2008.


11. Presentation given to Mu Sigma Society of UTA at UTA on 11-17-04 about graduate program in Microbiology and Immunology.

b. National

1. Molecular basis of tumor cell destruction by natural killer cells: Role of 2B4(CD244) and CS1”, Wayne State University Medical Center, Detroit, Michigan, June 13, 2007

2. “2B4 (CD244) signaling involves distinct pathways in regulating NK cell function”, Nineteenth Annual Texas Regional Immunology Conference, Oklahoma City, Oklahoma, November 9-11, 2001.

c. International


(Invited as Speaker or Chair a session but did not attend) –
BIT’s 4th International Congress of Antibodies-2012, March 26-28; Beijing, China.(Invited as Speaker and Chair a Session)

1st Biotechnology World Congress February 14th - 15th, 2012, Dubai, UAE (Invited to preset).


EPS Montreal International Gene Conference, Nov 3-4, 2011, Montreal, Quebec, Canada (Invited as Speaker).

BIT’s 2nd World Congress of Immunodisease and Therapy (WCIT-2011), November 18-20, 2011, Guangzhou, China (Invited as Speaker).

5. Publications
a. Full-length papers --- published


12. Lee KM, Forman J, McNerney M, Stepp SE, Kuppireddi S, Guzier D, Wei H,


22. Kumaresan PR, Lai WC, Chuang SS, Bennett M and Mathew PA. CS1, a novel member of the CD2 family, is homophilic and regulates NK cell function, Molecular Immunology, 39: 1-8, 2002.


47. Mathew PA, Mason JI, Trant JM and Waterman MR. Incorporation of steroidogenic pathways which produce cortisol and aldosterone from cholesterol into nonsteroidogenic cells. Mol Cell Endocrinol 73: 73-80, 1990.


50. Mathew PA, Yashonath S, Furtado M and Barnabas J. Analysis of functional domains of


b. Full-length papers—in press

c. Full-length papers – submitted/ (please provide a copy)

d. Chapters, reviews, books


9. Barnabas J, Ratnaparkhi MV and **Mathew PA**. Molecular phylogeny of mammalian globin chain sequences deduced by using a parsimony probe, in *Biomolecular structure, conformation, function and evolution*, (R Srinivasan and R Rein, Eds.). Pergamon Press,
8. Presentations at professional and/or scientific meetings (and Abstracts)

1. Mathew, S, Powers, S, Bowman, P and Mathew, PA. “Altered expression and function of NK receptors in pediatric Acute Lymphoblastic Leukemia (ALL)”, International Congress of Immunology, August 21-26, 2016, Melbourne, Australia.


3. Mathew, SO and Mathew, PA. "Overexpression of LLT1 on prostate cancer cells inhibits NK cell-mediated killing through LLT1-NKRP1A interaction", Immunology 2015, 102nd Annual meeting of the American Association of Immunologists, New Orleans, LA, USA. May 8-12, 2015.

4. Horton NC, Bowen K, Mathew SO and Mathew PA. “Lectin-like transcript-1 (LLT1) and exosomal PCNA inhibit NK cell effector function against prostate cancer cells”. Immunology 2014, 101st Annual meeting of the American Association of Immunologists; Pittsburgh, PA; May 3-7, 2014.


6. Horton NC and Mathew PA. “Extracellular proliferating cell nuclear antigen is a novel marker for cancer stem cells and facilitates evasion of NK cell effector function”, Immunology 2013, 100th Annual meeting of the American Association of Immunologists; Honolulu, Hawaii; May 3-7, 2013.


17. Mathew, PA and Mathew SO. “Role of 2B4 (CD244) and CS1 (CD319) in natural killer cell mediated killing of cancer cells”, Eighth international conference on anticancer research, Kos, Greece, October 17- 22, 2008.


29. Kumaresan PR, Mathew SO and Mathew PA. “Identification of the ligand binding site for human 2B4 (CD244) by site-directed mutageneis” Experimental Biology 2004, April 17- 21, Washington, DC.


37. Chuang SS, Kumaresan PR and Mathew PA. “2B4 (CD244) signaling involves distinct pathways in regulating NK cell function”, Nineteenth Annual Texas Regional Immunology Conference, Oklahoma City, Oklahoma, November 9-11, 2001.


64. Stoneman E, Kumar V, Bennett M and Mathew PA. "Molecular cloning of an NK cell surface molecule expressed on a subset of cells that mediate specific rejection of Hh-1d positive marrow cells", Joint Meeting of the American Association of Immunologists and the Clinical Immunology Society, Denver, Colorado, 21-25, May, 1993.


70. Mathew PA and Barnabas J. “Analysis of functional domains of hemoglobins over evolutionary time”, "Indo-Soviet binational symposium on biological macromolecules: Structure and function", Madurai Kamaraj University, Madurai, India, February 14-17, 1983.

WORK EXPERIENCE

♦ Texas Health Resources, Fort Worth, TX  
**Chief Medical Officer, Texas Health Harris Methodist Hospital Alliance**  
Nov 2014 – Present  
Provide strategic, long term direction for the Hospital’s quality, patient safety, and risk management programs, and build support and involvement with the Medical Staff.  
Lead Performance Improvement Initiatives locally as well as across organization  
Establishment of Internal Quality Metrics for Southwestern Health Resources  
Recipient of Truven Quality Award in June 2017  
Develop education and lead hospital’s journey towards becoming a Highly Reliable Organization  
Continuous improvement of quality of care provided to patients, thereby improving clinical outcomes and patient safety at the same time reducing medical legal liability exposure  
Achievement of Serious Safety Event Rate of Zero

♦ USMD Inc, Fort Worth, TX  
**Medical Director of Performance Improvement**  
Dec 2013- Nov 2014  
Improvement of Press Ganey scores to 90th percentile or better  
Lead Performance Improvement Initiatives for Organization  
Review, Improve and Report HEDIS Performance data and engage in Pay for Performance Incentives  
Assist with Medicare Advantage Program Implementation  
Assist with Patient Safety Transformation & Best Practice Implementation cross all specialties

♦ Baylor College of Medicine, Houston, TX  
**Assistant Professor, Department of Family Medicine & Quality Chief**  
**Preceptor for Baylor Medical Students**  
Jul 2012 – Jun 2013  
Establishing Pay for Performance Initiatives and implementing “Excellence in Standard Work”  
Establishing Analysis and Reporting of AQC HEDIS Metrics for external reporting  
Patient Centered Medical Home Implementation  
Performance Improvement Initiatives include: Patient Wait Times, Team Huddles  
Patient Safety; Establishing Patient centered Care model and patient safety Internal event reporting

♦ Reliant Medical Group (formerly Fallon Clinic), Holden, MA  
**Quality Chief, Department of Family Medicine**  
Massachusetts Quality Health Partners Council (MQHP); establishing a collective set of clinical service quality improvement priorities state-wide.
Improvement of all AQC HEDIS scores to Gate 3 or better.
Improve patient satisfaction scores to 80%, Press Ganey.
Achievement of Level III NCQA recognition for all adult Primary care sites.
The review and reporting of HEDIS Performance data for Department of Family Medicine.
Facilitator for start-up, and maintenance of Shared Medical Appointments
Lead quality council meetings for Medical Site Chiefs for best practice sharing.
Plan and implement Performance Improvement Initiatives.
Development of preventive measures designed to minimize or eliminate substandard practice.

- **Harrington Physician Services, Charlton, MA**
  
  Feb 2010 – Apr 2011
  
  **IT Physician Consultant & Family Medicine Physician**
  
  Collaborate with both IT staff & Medical staff as Consultant during transition from paper charting to
  Electronic Medical Record with advanced training for physician support.
  Weekly meetings with IT to review use of EMR and aid with advanced programming to tailor EMR
  for varied practice subgroup users.

- **Fallon Clinic, Charlton, MA**
  
  Nov 2007 – Jan 2010
  
  **Family Practice Physician, Department of Family Medicine**
  
  **Preceptor for Medical Students**
  
  Full-time primary care physician, Outpatient practice & Inpatient Hospitalist responsibilities

**COMMUNITY SERVICE**

- March of Dimes, Member of Board of Trustees
  Chair, Run for Babies November 2017
- Kupferle Health, Member of Board of Trustees
- Vision Fort Worth, Mentor
- Leadership Fort Worth

**EDUCATION**

**Family Medicine Residency**


**Doctor of Medicine**

- Ross University School of Medicine, Dominica, West Indies May 2000 - Mar 2004

**Bachelor of Science, Honors**

University of Toronto, Ontario, Canada Sep 1996 - Jun 1999

**MEDICAL LICENSURE**

- State of Texas Jul 2013

**CERTIFICATIONS**

- American Board of Family Medicine Jun 2008

**PERSONAL INTERESTS**

  - Toronto, Canada
- Photography, reading, foreign films
EDUCATION

1989 – 1993
Doctor of Medicine
University Texas Medical Branch, Galveston
Galveston, TX

1979 – 1983
Bachelors of Arts in Biology
Austin College
Sherman, TX

INTERNSHIP AND RESIDENCY

07/1993 – 06/1994
Internship, Internal Medicine
Methodist Medical Center
Dallas, TX

07/1994 – 06/1996
Residency, Internal Medicine
University Texas Medical Branch, Galveston
Galveston, TX

PROFESSIONAL EXPERIENCE

1999 – Present
Emergency Department Physician
Texas Health Harris Methodist Hospital Fort Worth
Fort Worth, TX

TEACHING APPOINTMENTS

1997 – 1999
Associate Professor of Surgery
Division of Emergency Medicine
University Texas Medical Branch, Galveston
Galveston, TX

2008 – Present
Clinical Adjunct Professor
Physician Assistant Studies Department
University of North Texas Health Science Center

LICENSURE

11/1994 – Present
Texas J67573
Expires: 08/31/2017
LEADERSHIP POSITIONS

2016 – Present  Chief of Staff  
Texas Health Harris Methodist Hospital Fort Worth

2015  Co Chair  
Fort Worth Safe Communities Coalition

2014 – 2015  Vice Chief of Staff  
Texas Health Harris Methodist Hospital Fort Worth

2012 – 2013  Medical Staff Secretary  
Texas Health Harris Methodist Hospital Fort Worth

2011 – Present  Medical Director  
Fort Worth Emergency Services Collaborative

2010 - 2012  Emergency Department Vice Chief  
Texas Health Harris Methodist Hospital Fort Worth

2006 – 2010  Emergency Department Division Chief  
Texas Health Harris Methodist Hospital Fort Worth

BOARDS AND COMMITTEES

2016 – Present  Chairman  
Medical Board  
Texas Health Harris Methodist Hospital Fort Worth

2016 – Present  Member  
Texas Medical Association Insurance Trust Advisory Panel

2014 – Present  Member  
Board of Trustees  
Texas Health Harris Methodist Hospital Fort Worth

2016 – Present  Member  
Texas Health Resources Physician Leadership Policy Council  
Texas Health Harris Methodist Hospital Fort Worth

2012 – Present  Member  
Fort Worth Safe Communities Coalition
CURRICULUM VITAE

Terence J. McCarthy, MD
2836 River Brook Ct.
Fort Worth, TX 76116
Work: 817-250-4874 / Cell: 817-228-3564
Email: terencemccarthy@texashealth.org

BOARDS AND COMMITTEES (cont’d)

2010 – Present
Member
Board of Directors
Tarrant County Medical Society

2010 – Present
Member
Texas Health Harris President’s Advisory Cabinet
Texas Health Harris Methodist Hospital Fort Worth

2014 – 2015
Chairman
Credentials Committee
Texas Health Harris Methodist Hospital Fort Worth

2012 – 2013
Member
Credentials Committee
Texas Health Harris Methodist Hospital Fort Worth

2012 – 2013
Chairman
Quality Review Committee
Texas Health Harris Methodist Hospital Fort Worth

2012 – 2013
Chairman
Continuous Improvement Council
Texas Health Harris Methodist Hospital Fort Worth

2010 – 2013
Member
Texas Health Resources Physician Leadership Council
Texas Health Harris Methodist Hospital Fort Worth

2008 – 2010
Member
Electronic Medical Record Implementation Steering Committee
Texas Health Harris Methodist Hospital Fort Worth

2007 – 2009
Member
Nutrition Center Steering Committee
Texas Health Harris Methodist Hospital Fort Worth

2003 – 2012
Cardiology Liaison
Texas Health Harris Methodist Hospital Fort Worth

2003 – 2006
Member
Ethics Committee
Texas Health Harris Methodist Hospital Fort Worth
HONORS

Top Docs Emergency Medicine
Fort Worth Magazine

2009
Physician of the Year
Texas Health Harris Methodist Hospital Fort Worth

2009
Outstanding Preceptor
University of North Texas Health Science Center

PROFESSIONAL MEMBERSHIPS

American College of Emergency Physicians
Texas Medical Society
Tarrant County Medical Society- Board of Directors

VOLUNTEER

2000 – Present
Mission Fort Worth Medical Clinic for medically indigent patients

2012 – Present
Mayfest Advisory Board

PERSONAL

Married 28 years, 4 grown/nearly grown children, 1 golden retriever
Cody L. Mihills, MD
Family Physician

Office: 1001 W. Southlake Blvd.
Southlake, Texas 76092
(817) 310-0421
(817) 310-5870 fax

Home: 104 Van Buren Court
Colleyville, Texas 76034
(817) 287-9196 (cell)
email: cody2001md@hotmail.com

Education

2001 - 2004
McLennan County Medical Education and Research Foundation,
Residency in Family Medicine; Waco, Texas – A teaching affiliate
of the University of Texas Southwestern Medical Center at Dallas.
Served as chief resident for academic year 2003-2004.

1997 – 2001
M.D., Baylor College of Medicine; Houston, Texas.

1994 – 1997
B.A., Biology, Texas A&M University; College Station, Texas.
Graduated magna cum laude from the College of Science.

Licensure/Certifications

Diplomat, American Board of Family Medicine
Board Certified Family Physician, 2004
Licensed, State of Texas, 2001
DEA registered
DPS registered

Professional Experience

January 2009
Formed Real Estate partnership with Dr. Wyatt Webb, called WM
Real Estate, LP. We purchased a building on Southlake Boulevard
to relocate practice site. Our clinical company is called Mihills-
Webb, Primary Care Health Partners.

January 2009
Opened satellite office #1 for Mihills-Webb, Primary Care
Physicians, on Western Center Boulevard in Fort Worth.

January 2009
Transitioned all clinical research endeavors into new corporate
identity named Mihills-Webb Medical Clinics, LLP, dba Southlake
Clinical Trials
Summer 2008 to 2013
   Neuro Reader for Potential Services, a company that provides real
time neuro monitoring for spine surgery patients

January 2008 to Present
   Board member for BandS Minintries (Body and Souls Ministries).
   BandS is a 501c3 organization that is involved with medical
missions around the globe.

2004 to present
   Private Practice – Starting in early 2004, developed my private
solo practice in Southlake, Texas.

2008 to 2011
   Associate Medical Director – Solaris Hospice

2006 to 2007
   Associate Medical Director – Integracare Home Health

Nov 2006 to Nov 07
   Medical Director – Grapevine Valley Hope Drug & Alcohol
Addiction Center

Fall 2005 to 06
   Medical Director – Trinity Hospice

Fall 2005 to 06
   Associate Medical Director – Radiant Home Health

Fall 2007 to January 2008
   Credentials Committee at Harris Methodist HEB Hospital -
   Bedford, Texas

Spring 2004
   Critical Care Committee, Hillcrest Baptist Medical Center

Fall 2003
   Board of Directors, McLennan County Medical Education and
Research Foundation; Waco, Texas.

Fall 2001-2003
   Resident Selection Committee - McLennan County Medical
Education and Research Foundation, Residency in Family Medicine

2001 to 2004
   McLennan County Medical Education and Research Foundation,
Residency in Family Medicine; Waco, Texas. Chief resident for

2001 to 2004
   Various moonlighting activities, including History and Physicals
for local Psychiatric hospital, Extended hours/Urgent care clinics,
served as “back-up” to interns on Obstetrics call, and ER coverage
for rural hospitals.

1996 – 1997
   Texas A&M University, College of Veterinary Medicine; Lab
assistant in the Department of Veterinary Pathophysiology.
Clinical Research

Fall 2009 – 2011: ACT11308; Randomized, double-blind, placebo controlled study of a single injection of SAR164877 (REGN475) on reduction of pain from vertebral fracture associated with osteoporosis. Sponsor Sanofi aventis.


Spring 2009 – 2011: Protocol A2-4398-003; Prospective Study to Evaluate the Reliability and Validity of the Shortness of Breath with Daily Activities Questionnaire. Sponsor United Bio Source Corporation


Fall 2008 – 2010: Here to Help, a study evaluating the cost and benefits of treatment with Suboxone with or without adjunct counseling – sponsor Health Analytics


Spring 2007 – 2012: GI Reasons, Osteoarthritis trial – sponsor Pfizer

Hospital Privileges

Fall 2004 to present  Baylor Grapevine Regional Medical Center, Grapevine, Texas – Department of Family Medicine, General Adult and Pediatric admissions

Fall 2004 to present  Harris Methodist H-E-B, Bedford, Texas - Department of Family Medicine, General Adult and Pediatric admissions

Fall 2013 to present  T.H.R. Alliance Hospital; Department of Family Medicine
Extracurricular/Community Service

July 2016 Medical Mission trip to Campamento, Honduras
June 2009 Medical Mission to Malindi, Kenya
November 2008 Medical Mission to Ventanilla, Peru
March 2008 Medical Mission to Yali, Nicaragua
November 2007 Medical Mission to Piura, Peru
October 2007 Medical Mission to Wiwili, Nicaragua
March 2007 Medical Mission to El Cua, Nicaragua
Fall 2004 to 2006 Served as Team Physician for Glenview Christian Academy Varsity 6-man Football Team - Fort Worth, Texas
October 2003 Attended the Medical Group Management Association (MGMA) Annual Conference in Philadelphia, PA. Conference provided insight to the leadership and administration in the business of medicine.
November 2002 Medical Mission trip to Piura, Peru

References available upon request
NAME: Angela Yen Moore, MD  DATE: 05/22/17

PRESENT POSITION AND ADDRESS:

Dermatopathologist  2008-present
  ACD Pathology
  711 East Lamar Blvd.
  Arlington, TX 76011
  Ph: 817-795-7546
  Fax: 817-226-7546

Dermatologist  1998-present
  Arlington Center for Dermatology
  711 East Lamar Blvd, Suite 200
  Arlington, TX 76011
  Ph: 817-795-7546
  Fax: 817-226-7546
  Email: acderm@acderm.com
  Website: www.acderm.com

Principal Investigator  2007- present
  Arlington Research Center, Inc
  Affiliated with Arlington Center for Dermatology
  711 East Lamar Blvd, Suite 200
  Arlington, TX 76011
  Ph: 682-365-3602
  Fax: 817-226-7546

Dermatologist  1998-present
  ACD Aesthetics
  711 East Lamar Blvd, Suite 200
  Arlington, TX 76011
  Ph: 817-795-7546
  Fax: 817-226-7546

Clinical Assistant Professor of Dermatology  2000-present
  Baylor University Medical Center
  3500 Gaston Ave.
  Dallas, TX 75246
  Ph: 214-820-2468
  Fax: 214-820-4538

Clinical Assistant Professor of Dermatology  1997-present
  University of Texas Medical Branch at Galveston
  301 University Blvd. Route G-83
  Galveston, Texas 77550
  Ph: 409-772-1911
  Fax: 409-772-1943
Adjunct Assistant Clinical Professor 2000-present
The University of Texas at Arlington School of Nursing
Box 19407
411 S Nedderman Dr
Arlington, Texas 76019
Ph: 817-272-2776
Fax: 817-272-5006

PREVIOUS POSITIONS:
Clinical Assistant Professor of Dermatology 1998-2005
The University of Texas Southwestern Medical Center
5323 Harry Hines Blvd.
Dallas, TX 75235-9069
Ph: 214-648-2274
Fax: 214-648-0280
Email: acdermatology@yahoo.com

Dermatologist June, 1998- July, 1999
Mullanax Dermatology Associates
715 North Fielder
Arlington, Texas 76012
Ph: 817-261-1626
Fax: 817-275-0441

Dermatopathologist August, 1998- Sept, 1999
Cockerell and Associates
2330 Butler Street, Suite 115
Dallas, Texas 75235
Ph: 214-638-2222
Fax: 214-630-5210

Dermatologist and Dermatopathologist September, 1998- Sept, 1999
Department of Veterans Affairs, North Texas Health Care System
Dallas Veterans Affairs Medical Center
4500 South Lancaster Road
Dallas, Texas 75216
Ph: 214-372-7032

Dermatologist July, 1999- Dec, 2000
Arlington Dermatology Clinic
801 Road to Six Flags West, Suite 139
Arlington, Texas 76012
Ph: 265-1356

BIOGRAPHICAL:
Date of Birth April 30, 1967
Place of Birth Philadelphia, PA
Citizenship USA
**EDUCATION:**

1985-88 University of Texas, Austin, Texas, B.A. in Biology with Special Honors (Summa Cum Laude)

1988-92 Baylor College of Medicine, Houston, Texas, M.D.

1992-93 University of Texas Medical Branch, Galveston, Texas, Internal Medicine Internship

1993-96 University of Texas Medical Branch, Galveston, Texas, Dermatology Residency

1996-97 University of Texas Medical Branch, Galveston, Texas, Dermatopathology Fellowship

**LICENSURE/ BOARD CERTIFICATION:**

Texas State Board of Medical Examiners
Diplomat of the American Board of Dermatology
American Board of Dermatopathology

**MEMBERSHIPS IN SCIENTIFIC SOCIETIES:**

American Contact Dermatitis Society (ACDS) (2004 –present)
Christian Medical and Dental Association, Dermatology Section (2005-present)
Texas Medical Association (1988- present)
American Academy of Dermatology #012304 (1993- present)
American Society of Dermatopathology (1998-present)
American Medical Association (1988- 2010, 2013-present)
Dermatology Foundation (1993- present)
Women’s Dermatologic Society (1996- present)
Dermatology Foundation (1993- present)
Women’s Dermatologic Society (1996- present)
American Acne and Rosacea Society (2009-2014)
Society of Investigative Dermatology (1993- 2004)
Southern Medical Association (1993- 2000)
Houston Society of Clinical Pathologists (1996- 1998)
American Board of Medical Specialties (1997-1998)

**LEADERSHIP:**

President of the Texas Dermatology Society (2016-2017)
AAD Legislative Representative Committee (2016-2017)
Chair of the Christian Medical and Dental Association, Dermatology section (2015-present)
President-Elect, Texas Dermatology Society (2015-2016)
Secretary/Treasurer, Texas Dermatological Society (2012-2015)
Vice-Chair, Christian Medical and Dental Association, Dermatology Section (2012-2015)
Leader-in-training at Pantego Bible Church (2012-2014)
Lead the Fort Worth Dermatology monthly Journal Club (2006-present)
Leader of mission trips to multiple continents (see section on Service)
Small group bible study leader at Pantego Bible Church (2001-present)
Vice-President, Texas Dermatology Society (2011-2012)
Past-President, DFW Dermatological Society
President, DFW Dermatological Society (2010-2012)
Program Committee of Texas Dermatological Society (2008-2011)
Member of the Editorial Board of the Journal of the American Academy of Dermatology (JAAD) (2008-2013)
Secretary-Treasurer, DFW Dermatological Society (2008-2010)
Vice President, DFW Dermatological Society (2005-2008)
President, Arlington Medical Society (2003-04)
Committee member on Project Access to organize healthcare for indigent patients in Tarrant County (2003-04)
Secretary-Treasurer, Arlington Medical Society (2001-2002)
Resident Member, American Academy of Dermatology Melanoma/Skin Cancer Screening Programs Task Force, (1996-97)
Delegate, American Medical Association Resident Physician Section (1996-97)
Resident Representative, Texas Medical Association Preventive Medicine Task Force (1996-97)
Resident Representative (Alt), Texas Medical Association Public Health Council (1996-97)
Resident Representative, Texas Medical Association Scientific Affairs Council (1995-97)
Resident Representative, Texas Medical Association Environment Committee (1995-96)
Texas Medical Association Resident Physician Section Council Member (1995-97)
Chairman, University of Texas at Austin Career Contacts Committee (1987-1988)
Student Advisor, University of Texas at Austin Blanton Dormitory, 5th floor (1986-1988)
Natural Sciences Representative, University of Texas at Austin Student's Association Student Senate (1986-1987)
Chair and Vice-chair, University of Texas at Austin Student's Association Consumer Affairs Committee (1986-1987, 1985-1986)
President, American Field Service, (1984-85)
President, German Club, (1984-85)
President, Math & Science Team, (1984-85)

SERVICE:

Leader of medical/discipleship/evangelism/bible dedication missionary trip to India (2016)
Leader of compassionate/discipleship/evangelism missionary trip to Chile (2016)
Mission trip to Mexico with Homes of Hope to build home for family (2016)
Leader of medical/discipleship/orphanage/compassionate/evangelism missionary trip to East Asia (2016)
Leader of medical/discipleship/compassion/evangelism missionary trip to Vietnam/Thailand (2015)
Mission trips to Mexico with Homes of Hope to build home for family (2015)
Leader of medical/discipleship/orphanage/compassionate/evangelism missionary trip to East Asia (2015)
Volunteer physician for medical arm of Mission Arlington (2005-present)
Volunteer at various DFW skin cancer screenings, including Arlington Memorial Hospital, Medical
Center of Arlington, and Moncrief Cancer Center (1998-present)
Volunteer at annual Tarrant County skin cancer screenings (1998-present)
Leader of medical/discipleship/compassionate trip to Indonesia (2014)
Leader of medical missionary trip to Kenya (2014)
Leader of medical/discipleship/orphanage/compassionate/evangelism missionary trip to East Asia (2014)
Mission trip to Yucatan Mayan Indians with Jesus Film/Message for Mayans (2014)
Leader of medical/discipleship/teaching missionary trip to Ecuador for SIM partnership (2014)
National Psoriasis Foundation Walk, Oct/Nov 2013
Leader of medical/outreach/evangelism missionary trip to Macedonia and Greece (2013)
Leader of medical/discipleship/orphanage/compassionate/evangelism missionary trip to East Asia (2013)
Organized outreach service projects at Mission Arlington for Pack 323, Troop 118, Grace Prep Academy, Pantego Bible Church (2008-present)
Grace Prep Academy class representative (2012-present)
Leader of medical/discipleship/orphanage/compassionate missionary trip to East Asia (2012)
Leader of medical/outreach/evangelism missionary trip to Estonia and Russia (2012)
Leader of medical/discipleship/orphanage/compassionate missionary trip to East Asia (2011)
Medical missionary trip to Ethiopia as part of Smile, Ethiopia outreach (2010)
Leader of medical missionary trip to East Asia (2010)
Medical missionary/bible dedication/bible translation trip to East Asia, India, and Nepal (2009)
Leader of medical missionary trip to East Asia (2009)
Leader of medical missionary team to Ecuador (2008)
Leader of medical missionary team to East Asia (2007)
Medical missionary team to East Asia (2006)
Volunteer at the Medical Center of Arlington skin cancer screening (2006)
Volunteer at Texas Motor Speedway skin cancer screening (2006)
Volunteer at Mission Arlington for dermatology care (2005-present)
Provide skin care information at local health fairs (2005-present)
Volunteer at Colonial and Byron Nelson golf tournaments skin cancer screenings (2005)
Medical missionary trip to China (1999)
Medical missionary trip to Bangkla, Thailand (1998)
Medical missionary trip to Juarez, Mexico (1997)
Medical missionary trip to Matamoros, Mexico (1997)
Judge for Galveston Ball High School Science Fair (1997)
Judge for National Student Research Forum (1997)
Pianist in the St. Vincent’s Clinic Benefit (1997)
Medical missionary trip to Xian, China (1995)

TEACHING:
Honorary Medical Chair Speaker for National Psoriasis Foundation, April 2014 – 2015
Billing and coding pearl talks for dermatology residency programs in Texas (2002-present)
Dermatology lectures monthly to the D.O. Residency at Dermatology Institute in Duncanville 2002-2012
Fort Worth Dermatology Journal Club monthly review (2006-present)
Practice management talks for dermatology residency programs in Texas (2005-present)
Dermatopathology weekly “Clinicopathological Correlation” Conference at The University of Texas Southwestern at Dallas, 1998-2004
Dermatopathology weekly “Unknowns” conference and “Clinicopathological Correlation”
Conference at The University of Texas Southwestern at Dallas, Veterans’ Affairs Hospital, 1998-99
Dermatopathology weekly "Unknowns" conference and textbook conference at University of Texas Medical Branch at Galveston, 1996-98
Chief Resident of Dermatology, 1995-96
Weekly lectures for medical students and residents, 1995-96
Oral presentation on "Diagnostic Dilemma of Lymphoma vs. Histiocytic Necrotizing Lymphadenitis" at Pediatric Grand Rounds, University of Texas Medical Branch at Galveston, March, 1995.
Oral presentation on "Mucoepidermoid carcinoma" at the Otolaryngology Tumor Board Conference, University of Texas Medical Branch at Galveston, March, 1995.
Oral presentation on "Classification and Therapy of Hansen's Disease" at Infectious Disease Grand Rounds, University of Texas Medical Branch at Galveston, March, 1995.
Oral presentation on "Leukemia Cutis" at Pediatric Grand Rounds, University of Texas Medical Branch at Galveston, May, 1994.

UTMB COMMITTEE RESPONSIBILITIES:

President, University of Texas Medical Branch at Galveston Housestaff Officers Association, 1995-96
University of Texas Medical Branch at Galveston Graduate Medical Education Advisory Committee, 1995-present
University of Texas Medical Branch at Galveston Trauma, Infection & Repair Task Force, 1995-97
University of Texas Medical Branch at Galveston Internal Review Committee of the Institutional Residency Program, 1996
University of Texas Medical Branch at Galveston Planning committee, 12th Floor Sleep Room Project, 1996-97
University of Texas Medical Branch at Galveston Department of Family Medicine Internal Review Committee, 1996
Residency Selection and Evaluation Committee, Department of Dermatology, 1993-present

RESEARCH GRANTS/FELLOWSHIPS (National, International):


World Congress Fund Travel Scholarship to the 1998 International Investigative Dermatology Meeting in Cologne, Germany (“Expression of Human Herpesvirus 8 Cellular Homologue Genes in Kaposi’s Sarcoma”), 1998.

World Congress Fund Travel Scholarship to the 19th World Congress of Dermatology in Sydney, Australia (“Human Herpesvirus 8 (HHV-8) in Cutaneous Malignant and Autoimmune Lesions: Sequence Variability of HHV-8 DNA in Kaposi’s Sarcoma,
Squamous Carcinomas, and Pemphigus”), 1997.


Women's Dermatologic Society Grant for Mentorship, Melbourne, Australia (with Dr. Robin Marks), 1996


Invited Guest Clinician at Xian Medical School, Xian, China, 1995.

**HONORS/AWARDS:**

**Dermatology**
- Editorial Board of the Journal of the American Academy of Dermatology, 2008-present
- Section Editor of the Clinical Pearl Section of the Journal of the American Academy of Dermatology, 2013-2018
- Expert contributor for the Common warts topic for British Medical Journal's Best Practice/Point of Care: Sep 1, 2013 - present
- Texas Super Doctors – Elected by peers and recognized in Texas Monthly, December 2007
- Texas Super Doctors – Elected by peers and recognized in Texas Monthly, December 2006
- Dallas Fort Worth Dermatologic Society 2006 Practicing Physicians “Case of the Year” award, 2006, Dallas, Texas.
- Outstanding Poster Award for “Methylation Profiles of Tumor Suppressor Genes in Basal Cell and Squamous Cell Carcinomas” at the North Texas Chapter of the American College of Surgeons Meeting, Dallas, Texas, February, 2003.
- Outstanding Poster Award for “Loss of Heterozygosity at 6q22-23.3 in Congenital Nevi, Acquired Nevi, and Cutaneous Melanoma after Laser Capture Microdissection” Presentation at the North Texas Chapter, American College of Surgeons Meeting, Dallas, Texas, February, 2002.
- Skin Disease-Related Research Core Center Grant, 2002-2003.
- Dallas Fort Worth Dermatologic Society 1999 Practicing Physicians “Case of the Year” award, 1999, Dallas, Texas.
- Dermatology Foundation Clinical Career Development Award, 1999-2002.
- Skin Cancer Foundation Grant, 1999-2000.
- Young Investigators’ Award Honorable Mention from the American Society for Dermatologic Surgery, February, 1997.
- UTMB Department of Dermatology Research Award at the National Student Research Forum, April, 1996, Galveston, Texas.
- American Academy of Family Physician Research Award at the National Student Research Forum, April, 1995, Galveston, Texas.
- Roche Overall Award for Clinical Research, Resident/Intern Division at the National Student...
Research Forum, April, 1995, Galveston, Texas
Roche Overall Award for Basic Science Research, Resident/Intern Division at the National
Student Research Forum, April, 1994, Galveston, Texas
J. Lewis Pipkin Research Award (Department of Dermatology) at the National Student Research
Forum, April, 1994, Galveston, Texas
Galveston Symphony Orchestra, violinist, 1995

Undergraduate

Phi Beta Kappa, 1988
Second degree Black Belt in Tae Kwon Do, 1988
Friar Society (based on significant contribution in research and service to UT), 1988
Cactus Goodfellow Award for Scholarship, Leadership, and Service, 1988
Outstanding College Students of America, Fall 1987
Who's Who Among Students in American Universities and Colleges, Spring 1987
Cactus Outstanding Student Award for Scholarship, Leadership, and Service, Spring 1987
President's Endowed Scholar, Spring 1987
Mortar Board Honorary Service Organization, Spring 1987
Omicron Delta Kappa for Leadership Scholarship, Spring 1987
Phi Kappa Phi Honor Society, 1986
Golden Key National Honor Society, Fall 1986
Neel A. Harrington Scholarship (to one junior student annually), 1986-1987
Margaret C. Berry Scholarship (to one female sophomore annually), Spring 1986
Jostens' Scholarship for Scholarship and Leadership, 1985-1988
Textron National Merit Scholarship, 1985-1988
Independent Order of Foresters Award for Scholarship & Leadership, 1985-1988
Texas Achievement Award, 1985-1988
Texas Excellence Award (Lowell Lebermann 1985 Texas Scholar), 1985-1988
Outstanding Orchestra Student Award, Member of the All-State Symphonic Orchestra, 1985
National Merit Scholar, 1985
Valedictorian (Graduating Class of 550) at Arlington High School, June 1985

ADVISORY BOARD (present)

Abbvie, Aqua, DUSA, Janssen, Merz, Novartis (2016)
Abbvie, Aqua, DUSA, Merz, Valeant (2015)

CURRENT SPEAKER’S BUREAU INVOLVEMENT (Roundtable and Lecture):

Abbvie, Allergan, Aqua, Leo, Merz, Prestium (2016)
Abbvie, Aqua, Leo, Merz, Valeant (2015)
Honorary Medical Chair for National Psoriasis Foundation, April 2014 – present
Abbvie, DUSA, Merz, Valeant (2014)
Abbvie, DUSA, Glaxo Smith Kline, Leo, Medicis, Merz (2013)
Abbott-Psoriasis and Psoriatic Arthritis, Use of Biologics for Psoriasis and Psoriatic Arthritis, 2006-
2013
Amgen- Psoriasis and Psoriatic Arthritis, Intervention in Psoriatic Arthritis and Psoriasis, 2004-2010
Amgen-Beyond Skin Deep:Interactive Insights, Peer-to Peer Explorations in Patient Care, Jan 2010-
2012
Collagenex - Topics include Rosacea, Pearls and Potpourri of Cases, 2006-2009
Connetics - Topics include Atopic dermatitis, Seborrheic dermatitis, Contact dermatitis, Dyshidrotic eczema, and Psoriasis in the Era of Biologics, Combination Treatment for Psoriasis, 2001-2004
Ferndale Laboratories - Use of Immunomodulators and Steroids in Inflammatory Disorders, 2003-2006
Glaxo Smith Kline- Topics include Herpesviruses 1-8, Cutaneous Manifestations of Viral Diseases, 2002-03
Healthpoint - Inflammatory Skin Diseases 2003-2004
3M - Topics include Human Papillomaviruses, Cutaneous carcinomas, Cutaneous Manifestations of Viral Diseases, Antiviral therapies, Herpesviruses 1-8, Dermatology from Around the World, Pearls from the American Academy of Dermatology Meeting, Potpourri of Dermatology Cases, Skin Cancer Update, Pearls on Skin Cancer Treatment, 2001-2004
Novartis- Topics include Herpesviruses and Antiviral therapies, Atopic Dermatitis, Advanced Diagnosis and Treatment of Inflammatory Skin Disorders, Update on Treatment of Inflammatory Skin Disorders, Therapy of Inflammatory Diseases, Scaly Rashes, 2001-2004

FUNDED RESEARCH PROJECTS:

Abbvie, Allergan, Astellas, Coherus, Eli Lilly, Galderma, Janssen, Novan, Novartis, Parexel, Regeneron, (2017)

Pending Site Activation

Principal Investigator: Moore A., Protocol Number 232674 Almirall, PM1440: A Randomized, Double-blind, Vehicle-controlled, Parallel-group clinical Trial to Assess the Efficacy, Safety and Tolerability of P-3073 for Topical Treatment of Nail Psoriasis. Almirall
Pending Site Activation

Principal Investigator: Moore A., Protocol Number FX2016-12: A Randomized, Multicenter, Double-blind, Vehicle-controlled Study to Evaluate the Safety and Efficacy of FMX103 1.5% Topical Minocycline Foam Compared to Vehicle in the Treatment of Facial Papulopustular Rosacea (FX2016-12) Foamix Pharmaceuticals Ltd
Pending Site Activation
Principal Investigator: Moore A., Protocol Number INCB 18424-211: A Randomized, Double-Blind, Dose-Ranging Study of INCB018424 Phosphate Cream in Subjects With Vitiligo. Incyte-Corporation
May 2017- present

Principal Investigator: Moore A., Protocol Number INCB 1842-206: A Phase 2, Randomized, Dose-Ranging, Vehicle-Controlled and Triamcinolone 0.1% Cream-Controlled Study to Evaluate the Safety and Efficacy of INCB018424 Phosphate Cream Applied Topically to Adults With Atopic Dermatitis. Incyte Corporation
March-present

Principal Investigator: Moore A., Protocol Number CNTO127SPSO3013: A Phase 3 Open-label Study to Assess the Efficacy, Safety, and Pharmacokinetics of Subcutaneously Administered Ustekinumab in the Treatment of Moderate to Severe Chronic Plaque Psoriasis in Pediatric Subjects ≥6 to <12 Years of Age. Janssen Pharmaceutical Companies
December 2016-present

Principal Investigator: Moore A., Protocol Number M16-048, A Phase 2b Multicenter, Randomized, Placebo-Controlled, Double-Blind Dose-Ranging Study to Evaluate ABT-494 in Adult Subjects with Moderate to Severe Atopic Dermatitis. AbbVie, Inc.
November 2016-present

Principal Investigator: Moore A., Protocol Number 1679-401-006: An Open-Label Phase 4 Safety and Efficacy Trial of ACZONE (Dapsone) Gel, 7.5% in 9 to 11 Year-Old Patients With Acne Vulgaris. Allergan (North America)
October 2016-present

Principal Investigator: Moore A., Protocol Number CAIN457A2326, A 52-week, multicenter, randomized, double-blind study of secukinumab (300 mg) to demonstrate efficacy as assessed by Psoriasis Area and Severity Index and Investigator’s Global Assessment after 12 weeks of treatment, compared to ustekinumab, and to assess long-term safety, tolerability, and efficacy in subjects with moderate to severe plaque psoriasis (CLARITY). Novartis Pharmaceuticals Corp
July 2016-present

Principal Investigator: Moore A., Protocol Number CAIN457FUS01, A randomized, double-blind, placebo-controlled, parallel-group, multicenter study to evaluate the safety and efficacy of secukinumab 300 mg and 150 mg in adult patients with active psoriatic arthritis after 16 weeks of treatment compared to placebo and to assess the safety, tolerability and efficacy up to 52 weeks. Novartis Pharmaceutical Corp
July 2016-Present

Principal Investigator: Moore A., Protocol Number NI-AC303, A Phase 3 Multi-Center, Open Label Study Evaluating the Long Term Safety of SB204 Once Daily in the Treatment of Acne Vulgaris. Novan Therapeutics
May 2016 to May 2017

Principal Investigator: Moore A., Protocol Number NI-AC301, A Phase 3 Multi-Center, Randomized, Double-Blinded, Vehicle-Controlled, Parallel Group Study Comparing the Efficacy, Tolerability and Safety of SB204 and Vehicle Gel Once Daily in the Treatment of Acne Vulgaris. Novan Therapeutics
February 2016 to March 2017
**Principal Investigator:** Moore A., Protocol Number CLS001-CO-PR-005, A Phase 3, Randomized, Vehicle-Controlled, Double-Blind, Multicenter Study to Evaluate the Safety and Efficacy of a Once-Daily CLS001 Topical Gel Versus Vehicle Administered for 12 Weeks to Subjects with Papulopustular Rosacea with a 4 Week Follow-up Period. Cutanea Life Sciences, Inc.
December 2015-Present

**Principal Investigator:** Moore A., Protocol Number CHS-1420-02, A Double-Blind, Randomized, Parallel-Group, Active-Control Study to Compare the Efficacy and Safety of CHS-1420 Versus Humira in Subjects With Chronic Plaque Psoriasis (PSOsim)
August 2015 to present

**Principal Investigator:** Moore A., Protocol Number R668-AD-1415, A Phase 3, Randomized, Double-Blind Placebo-Controlled study Investigating the Efficacy and Safety of Multiple Dupilumab Dose Regimens Administered as Monotherapy for Maintaining treatment response in Patients with Atopic Dermatitis. Regeneron Pharmaceuticals, Inc.
August 2015 to February 2017

**Principal Investigator:** Moore A., Protocol Number SC1402, A Randomized, Multicenter, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of 1.5 mg/kg per Day of Sarecycline Compared to Placebo in the Treatment of Acne Vulgaris. Allergan (formerly Activis)
June 2015 to March 2017

**Principal Investigator:** Moore A., Protocol Number R668-AD-1225, An Open-Label study of Dupilumab in patients with Atopic Dermatitis who Participated in Previous Dupilumab Clinical Trials. Regeneron Pharmaceuticals, Inc.
March 2015 to present

**Principal Investigator:** Moore A., Protocol Number R668-AD-1416, A Phase 3 Confirmatory Study Investigating the Efficacy and Safety of Dupilumab Monotherapy Administered to Adult Patients with Moderate-to-Severe Atopic Dermatitis. Regeneron Pharmaceuticals, Inc.
March 2015 to March 2016

**Principal Investigator:** Moore A., Protocol Number 122-0551-305, A Multicenter, Randomized, Double-Blind, Parallel Group Comparison of Halobetasol Propionate Foam 0.05% versus Vehicle Foam in Subjects with Plaque Psoriasis. Therapeutics, Inc.
February 2015 to September 2015

**Principal Investigator:** Moore A., Protocol Number B7451005, A Phase 2, Randomized, Double-Blind, Placebo-Controlled study to evaluate safety and efficacy of PF9-04965842 in Subjects with Moderate to Severe Psoriasis. Pfizer, Inc.
February 2015 to August 2015

**Principal Investigator:** Moore A., Protocol Number GLI.04.SPR.US10305, MIRVASO In Use Study: Managing Rosacea through assessment and control of its erythema (The MIRACLE Study). Galderma R&D, LLC
November 2014-March 2015
**Principal Investigator:** Moore A., Protocol Number CAIN457AUS01, A randomized, double-blinded, placebo-controlled, parallel-group, multicenter study to demonstrate the efficacy of subcutaneous secukinumab [300 mg] as assessed by the Psoriasis Scalp Severity Index (PSSI) at 12 weeks of treatment, compared to placebo, and to assess safety and tolerability up to 24 weeks in adult subjects with moderate to severe scalp psoriasis. Novartis Pharmaceuticals

October 2014-March 2016

**Principal Investigator:** Moore A., Protocol Number CNT01959PS03003, A Phase 3, Multicenter, Randomized, Double-blind Study to Evaluate the Efficacy and Safety of Guselkumab for the Treatment of Subjects With Moderate to Severe Plaque-type Psoriasis and an Inadequate Response to Ustekinumab. Janssen Research and Development, LLC

October 2014-July 2016

**Principal Investigator:** Moore A., Protocol Number CNT01959PS03002, A Phase 3, Multicenter, Randomized, Double-blind, Placebo and Active Comparator-controlled Study Evaluating the Efficacy and Safety of Guselkumab for the Treatment of Subjects with Moderate to Severe Plaque-type Psoriasis with Randomized Withdrawal and Retreatment. Janssen Research and Development, LLC

October 2014-Present

**Principal Investigator:** Moore A., Protocol Number CNT01959PS03001, A Phase 3, Multicenter, Randomized, Double-blind, Placebo and Active Comparator-controlled Study Evaluating the Efficacy and Safety of Guselkumab for the Treatment of Subjects with Moderate to Severe Plaque-type Psoriasis. Janssen Research and Development, LLC

October 2014-Present

**Principal Investigator:** Moore A., Protocol Number R668-AD-1314, A Randomized, Double-Blind, Placebo-Controlled, Study Investigating Vaccine Responses in Adults with Moderate to Severe Atopic Dermatitis Treated with Dupilumab. Regeneron Pharmaceuticals, Inc.

September 2014-December 2015


**Principal Investigator:** Moore A., Protocol Number 225678-007 – A Safety and Efficacy Study to Compare Dapsone Dermal Gel with Vehicle Control in Patients with Acne Vulgaris. Allergan (North America) May 2014-February 2015

**Principal Investigator:** Moore A., Protocol Number RD.06.SPR.18131, A Multicenter, Open label uncontrolled study of the long term safety and efficacy of calcitriol 3mcg/g ointment applied twice daily for 26 weeks in pediatric subjects (2 to 17 years of age) with mild to moderate plaque psoriasis. Galderma R&D, LLC. Apr 2014-Present

**Principal Investigator:** Moore A., Protocol Number AN2728-301, A Multicenter, Randomized, Double-Blind, Vehicle-Controlled Study of the Safety and Efficacy of AN2728 Topical Ointment, 2% in Children and Adolescents (Ages 2 Years-17 Years) With Atopic Dermatitis. Anacor Pharmaceuticals, Inc. Apr 2014- August 2015
**Principal Investigator:** Moore A., Protocol Number 199201-004 – Efficacy and Safety of Oxymetazoline HCl Cream 1.0% for the Treatment of Persistent Erythema Associated with Rosacea. Allergan (North America) Apr 2014-Mar 2015

**Principal Investigator:** Moore A., Protocol Number RAN.13.01-A Follow-Up Evaluation of Study Subjects Treated in Protocol ISOCT.08.01- the Phase 3 Double-Blind, Randomized, Parallel Group Study Evaluating the Efficacy and Safety of CIP-ISOTRETINOIN in Patients with Severe Recalcitrant Nodular Acne. Ranbaxy Laboratories Inc. December 2013 – Mar 2014

**Principal Investigator:** Moore A., Protocol Number RD.06.SPR.18240 - A Multi-Center, Randomized, Double-Blind, Parallel-Group Vehicle And Active Controlled Study to Compare The Efficacy and Safety Of CD0271 0.3% / CD1579 2.5% Topical Gel Versus Topical Gel Vehicle In Subjects With Acne Vulgaris Galderma R&D, LLC. Nov 2013 - May 2014

**Principal Investigator:** Moore A., Protocol Number ASB1-704 – A Multicenter, Randomized, Placebo-Controlled, Parallel-group Study to Evaluate the Efficacy, Safety, and Pharmacokinetics of ASB17061 Capsules in Adult Subjects With Atopic Dermatitis. Asubio Pharmaceuticals, Inc. Sep 2013 – Mar 2014

**Principal Investigator:** Moore A., Protocol Number TI000-0551-305 – A Multicenter, Randomized, Double-Blind, Parallel Group Comparison Of Halobetasol Propionate Lotion 0.05% Versus Vehicle Lotion in Subjects With Plaque Psoriasis. Therapeutics, Inc. Jul 2013-May 2014

**Principal Investigator:** Moore A., Protocol Number A3921082 – A Phase 2b, Multi-Site, Randomized, Double-Blind, Vehicle-Controlled, Parallel-Group Study of The Efficacy, Safety, Local Tolerability And Pharmacokinetics of 2 Dose Strengths And 2 Regimens of Tofacitinib Ointment in Subjects With Chronic Plaque Psoriasis. Pfizer, Inc. Jun 2013-Dec 2014

**Principal Investigator:** Moore A., Protocol Number A0081224 –A Phase 3 Double-Blind, Randomized, Placebo-Controlled, Safety and Efficacy Study of Once Daily Controlled Release Pregabalin in the Treatment of Patients with Postherpetic Neuralgia. Pfizer, Inc. Apr 2013-Jan 2015

**Principal Investigator:** Moore A., Protocol Number DS440C00001 – A Phase Ila, Randomized, Double-blind, Placebo-controlled, Multicenter Study to Assess the Safety, Tolerability and Preliminary Efficacy of MEDI8968 in Subjects with Moderate to Severe Hidradenitis Suppurativa. AstraZeneca May 2013-Jan 2015

**Principal Investigator:** Moore A., Protocol Number X052170 – An Open-label, Proof of Concept Study of Gevokizumab in the Treatment of the Acute, Inflammatory Phase of Pyoderma Gangrenosum. XOMA (US) LLC Apr 2013- Jun 2014

**Principal Investigator:** Moore A., Protocol Number TOL2665A- A Double-Blind, Randomized, Parallel-Group, Vehicle-Controlled, Multicenter Study Comparing TOLMAR Azelaic Acid Gel, 15% to Reference Listed Drug in the Treatment of Rosacea. TOLMAR Inc. Apr 2013 – Mar 2014

**Principal Investigator:** Moore A., Protocol Number 20120102 – A Phase 3 Study to Evaluate the Efficacy, Safety, and Effect of Withdrawal and Retreatment With Brodalumab in Subjects With Moderate to Severe Plaque Psoriasis: AMAGINE-1. Amgen Aug 2012 – March 2016

**Principal Investigator:** Moore A., Protocol Number I1F-MC-RHBA (a) – A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study Comparing the Efficacy and Safety of LY2439821 to Etanercept and Placebo in Patients with Moderate-to-Severe Plaque Psoriasis. Eli Lilly and Company June 2012 - Present

**Principal Investigator:** Moore A., Protocol Number RD.06.SPR.18223- A randomized, multi-center, Investigator-blind, vehicle-and active-controlled, phase 2 study to assess the efficacy and safety of different concentrations of CD5789 cream applied once daily in subjects with moderate to severe acne Vulgaris. Galderma July 2012 – October 2013

**Principal Investigator:** Moore A., Protocol Number PR-10411- A Randomized, Multicenter, Double-blind, Placebo-controlled Study to Evaluate the Safety and Efficacy of 3 Different Doses of a Novel Tetracycline, Compared to Placebo in the Treatment of Facial Acne Vulgaris. Warner Chilcott June 2012 – February 2013

**Principal Investigator:** Moore A., Protocol Number CNTO12756PSO3009- Phase 3b, Randomized, Double-blind, Active-controlled, Multicenter Study to Evaluate a “Subject-tailored” Maintenance Dosing Approach in Subjects with Moderate-to-Severe Plaque Psoriasis. Ustekinumab. Janssen Biotech, Inc. April 2012-November 2015

**Principal Investigator:** Moore A., Protocol Number LP0041-21- Phase 3, multi-centre, randomized, two-arm, parallel group, double-blind, vehicle-controlled, 12-month trial. A Sequential Treatment Regimen of Cryotherapy and Picato (Ingenol Mebutate) gel, 0.015% Field Therapy Compared to Cryotherapy Alone for the Treatment of Actinic Keratosis on the Face and Scalp. LEO Pharma A/S April 2012- September 2013

**Principal Investigator:** Moore A., Protocol Number X052120 – A Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of Gevokizumab in Subjects with Moderate to Severe Acne Vulgaris. XOMA January 2012-August 2013

**Principal Investigator:** Moore A., Protocol Number RD.06.SPR.18171 – A Phase 3 randomized, double-blind, 12 week vehicle-controlled, parallel-group study assessing the efficacy and safety of CD5024 1% cream versus vehicle cream in subjects with papulopustular rosecea, followed by a 40-week investigator-blinded extension comparing the long-term safety of CD5024 1% cream versus azelaic acid 15% gel. Galderma December 2011- August 2013

**Principal Investigator:** Moore A., Protocol Number MP-1005 – An Open Label Study to Evaluate the Safety of Long Term Adminstration of Product 33525 in Subjects with Tinea Pedis, Tinea Corporis, or Tinea Cruris. Medicis Global Services Corporation (MGSC) (now Valeant Phamarceuticals International, Inc) June 2011 to December 2012

**Principal Investigator:** Moore A.,  Protocol Number RD.06.SPR.18140, A Multicenter, Randomized Double-Blind, Vehicle-Controlled, Parallel Group Study to Demonstrate the Efficacy and Assess the Safety of CD7805-47 Gel 0.5% Applied Topically Once Daily in Subjects with Moderate to Severe Facial Erythema Associated with Rosacea” (the “Protocol”) and as many be amended. – Galderma June 2011 to January 2012 (Brimonidine)

**Principal Investigator:** Moore A.,  Protocol Number RD.06.SPR.18142, “A Multicenter, Open-Label Study to Evaluate the Long-Term Safety and Efficacy of CD07805/47 Gel .5% Applied Topically Once Daily for up to 52 Weeks in Subjects with Moderate to Severe Facial Erythema Associated with Rosacea” - Galderma February 2011 to August 2012 (Brimonidine)

**Principal Investigator:** Moore A.,  Protocol Number. RD.06.SPR.18195 ”A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, 3-Arm, Parallel Group Study Comparing the Efficacy and Safety of CD2475/101 40 mg Tablets versus Placebo and Doxycycline 100 mg Capsules Once Daily in the Treatment of Inflammatory Lesions in Subjects with Acne Vulgaris” Galderma February 2011 - February 2012

**Principal Investigator:** Moore A.,  Protocol M518101-US01 “A Randomized, Placebo-Controlled, Double-Blind, Parallel group, Multi-center phase IIb dose finding study of M518101 in plaque psoriasis patients” Maruho Co., Ltd. February 2011 to December 2011.

**Principal Investigator:** Moore A.,  Protocol Number A3921061 “A Phase 3, Multi-site, Open-label Study of the Long Term Safety and Tolerability of 2 Oral Doses of Cp-690,550 in Subjects with Moderate to Severe Chronic Plaque Psoriasis” Pfizer February 2011 to September 2016

**Principal Investigator:** Moore A.,  Protocol Number A3921079 “A Phase 3, Multi-site, Randomized, Double-blind, Placebo-controlled, Parallel-group Study of the Efficacy and Safety of 2 Oral Doses of cp-690,550 in Subjects with Moderate to Severe Chronic Plaque Psoriasis” Pfizer February 2011 to January 2014

**Principal Investigator:** Moore A.,  Protocol Number 20080470 "A Randomized Study to Evaluate the Efficacy and Safety of Adding Topical Therapy to Etanercept in Subjects With Moderate to Severe Plaque Psoriasis." Amgen November 2010 – February 2012

**Principal Investigator:** Moore A.,  Protocol Number RD.06.SPR.18161: “A 4-week, Randomized, Double-blind, Parallel-group, Vehicle-controlled, Multicenter Study Investigating the Efficacy and Safety of CD07805/47 Gel 0.5% Applied Topically Once Daily (QD), and CD07805/47 Gel 0.18% Applied Topically Once Daily (QD) or Twice Daily (BID), in Subjects With Moderate to Severe Facial Erythema Associated With Rosacea” Galderma. August 2010 – January 2011 (Brimonidine)

**Principal Investigator:** Moore A.,  Protocol Number MCB 0501 INT “Safety and Efficacy of TACLONEX Ointment in Adolescent Patients (aged 12 to 17 years) with Psoriasis Vulgaris.” Health Decisions, Company. LEO Pharmaceuticals May 2010 – Dec 2011
Principal Investigator: Moore A., Protocol Number ISOCT.08.01: “A Double-Blind, Randomized, Phase III, Parallel Group Study Evaluating the Efficacy and Safety of Cip-Isotretinoin in Patients with Severe Recalcitrant Nodular Acne.” Cipher Pharmaceuticals Inc. (now Ranbaxy) January 2010- August 2011


Principal Investigator: Moore A., Protocol 70744001: “A Randomized, Double-Blind, Multiple-Site, Placebo Controlled, Parallel Design, Clinical Study to Evaluate the Bioequivalence of Adapalene Cream 0.1% (Glenmark Pharmaceutical Ltd.) Compared to Differin® (adapalene 0.1%) Topical Cream (Galderma Laboratories) in Patients with Acne Vulgaris.” Novum, May 2008 – December 2008
**Principal Investigator:** Moore A., Protocol RD.03.SPR.29075: “Efficacy and Safety Comparison of Adapalene 0.1% / Benzoyl Peroxide 2.5% Gel versus Adapalene, 0.1% / Benzoyl Peroxide 2.5% Vehicle Gel as a 6-Month Maintenance Treatment.” Galderma R&D, Inc., May 2008 – November 2009

**Principal Investigator:** Moore A., Protocol RD.03.SPR.29074: “Efficacy and Safety Comparison of Adapalene 0.1% / Benzoyl Peroxide 2.5% Gel Associated with Doxycycline Hyclate 100mg Tablets versus Adapalene lotion, 0.1% / Benzoyl Peroxide 2.5% Vehicle Gel Associated with Doxycycline Hyclate 100mg Tablets in the Treatment of Severe Acne Vulgaris.” Galderma R&D, Inc., May 2008 – May 2009

**Principal Investigator:** Moore A., Protocol RD.06.SPR.18113: “A Multi-Center, Randomized, Double-Blind, Parallel Group Study to Demonstrate the Efficacy and Safety of Adapalene Lotion, 0.1% Compared with Vehicle Lotion in Subjects with Acne Vulgaris.” Galderma R&D, Inc., February 2008 – February 2009


**Principal Investigator:** Moore A., Protocol M10-016: “A Phase 3, Multicenter, Open-Label Extension Study Designed To Describe Safety, Tolerability, and Efficacy of Long-Term Administration of the Human Monoclonal Antibody Against IL-12 In Subjects with Moderate to Severe Chronic Plaque Psoriasis.” Abbott/Paragon Biomedical, May 2008 – Feb 2012

**Principal Investigator:** Moore A., Protocol M06-890: “A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study Comparing the Safety and Efficacy of Two Dosing Regimens of ABT-874 to Placebo in Subjects with Moderate to Severe Chronic Plaque Psoriasis.” Abbott/Paragon Biomedical, December 2007 – July 2009

**Principal Investigator:** Moore A., Protocol 70716202: “A Randomized, Double-Blind, Multiple-Site, Placebo Controlled, Parallel Design, Clinical Study to Evaluate the Bioequivalence of Adapalene Gel 0.1% (PLIVA Research & Development Ltd.) Compared to Differin (adapalene 0.1%) Topical Gel (Galderma Laboratories in Patients with Acne Vulgaris” Novum, June 2007 – December 2008


**Principal Investigator:** Moore A., Protocol COL101-ROSE-401: “A Multi-Center, Randomized, Double-Blind, Active-Control Clinical Trial to determine the Effects of Doxycycline Monohydrate Modified-Release Capsules, 40 mg (COL-101 Administered Once Daily in Conjunction with MetroGel (metronidazole topical gel, 1%) versus Doxycycline Hyclate Immediate-Release Capsules, 100 mg Administered Once Daily in Conjunction with MetroGel (metronidazole topical gel, 1%) in Patients with Moderate to Severe Rosacea.” Collagenex, February 2007 – November 2007

**Principal Investigator:** Moore A., “TAZ0601: Comparative Tolerability and Efficacy of Tazorac 0.1% and Retin-A Micro 0.04% in the Treatment of Mild to Moderate Facial Acne Vulgaris.” Allergan, Inc, January 2007 – January 2008
Principal Investigator: Moore A., “Protocol RD.06.SPR.18088: A Multi-Center, Randomized, Double-Blind, Parallel Group Study To Demonstrate The Efficacy And Safety Of Adapalene/Benzoyl Peroxide Topical Gel Compared With Adapalene/Benzoyl Peroxide Topical Gel Compared With Adapalene Topical Gel, 0.1%; Benzoyl Peroxide Topical Gel, 2.5% And Topical Gel Vehicle In Subjects With Acne Vulgaris.” Galderma, January 2007- July 2007


Principal Investigator: Moore, A., “Protocol GLI.04.SPR.US10 029: A Phase IV, Open-Label, Multicenter, Community-based, 4-Week Trial Assessing Efficacy, Tolerance to Treatment, and Subject Satisfaction With Clobex (clobetasol propionate) Spray, 0.05% When Used as Monotherapy or as Add-on Therapy to Existing Systemic or Topical Antipsoriatic Agents for the Treatment of Moderate to Severe Plaque Psoriasis.” Galderma Laboratories, L.P., January 2006-April 2006

Principal Investigator: Moore, A., A Clinical Evaluation of Tazorac (tazarotene) Cream 0.1% indicated for the topical treatment of patients with acne vulgaris, who do not want to or are unable to participate in the IPLEDGE Program. Allergan, July 2006-October 2006


Principal Investigator: Moore A., “Protocol #20040171: A Multicenter, Open-label, Pilot Trial to Evaluate the Effectiveness and Safety of ENBREL in Combination with Narrowband UV-B Phototherapy for the Treatment of Psoriasis,” Omnicare/Amgen, September,2005

Principal Investigator: Moore A., “Protocol ACD3101g, Raptiva Epidemiologic Study of Psoriasis Outcomes and Safety Events in patient with Moderate to Severe Plaque Psoriasis (RESPONSE),” Genentech, July 2005


Principal Investigator: Moore A., “Protocol FHI 03-0-161/FG-506-06-37, A Prospective Pediatric Longitudinal Evaluation to Assess the Long-Term Safety of Tacrolimus Ointment for the Treatment of Atopic Dermatitis - APPLES” Astellas, A 10-year study to start in October, 2005 - Present


Principal investigator: Moore A. “A 26-week, randomized, multicenter, parallel-group, double-blind, vehicle-controlled study to evaluate the incidence of atopic dermatitis flares when ASM981 pimecrolimus) cream 1% is used at the first signs and/or symptoms of atopic dermatitis and it’s safety and tolerability in adults 18 years of age and older.” Novartis. Dec, 2003-2004.

Principal investigator: Moore A. “ACD2782g: A Phase IIIB, Open Label, Multicenter Study to Evaluate the Safety of 1.0 mg/kg Subcutaneously Administered Efalizumab In Adults with Moderate to Severe Plaque Psoriasis Including Those Who Are Receiving Concomitant Antipsoriatic Therapies or Have Recently Transitioned from Systemic Therapies.” Genentech. 2003-2004.


Principal investigator: Moore A. “Prospective Investigation Gauging Melasma REDuction with a New Treatment: A Multicenter, Community-Based Trial to Assess the Efficacy and Safety of Tri-Luma™ Cream in the of Facial Melasma using fluocinolone acetonide (0.01%), hydroquinone (4%), tretinoin (0.05%)”. Galaderma. 2002-2003.


Principal investigator: Moore A. “Safety and Efficacy of Sequential Therapy with Topical Calcipotriene ointment 0.005% and Halobetasol Ointment 0.05% in Treatment of Plaque-Stage Psoriasis,” 1999-2001.

Principal investigator: Moore A. “Safety and Efficacy of Topical Tazarotene Gel 0.1% in Facial Acne Vulgaris,” 1999-2000.


Co-investigator: Skin Disease-Related Research Core Center Grant: Gazdar AF, Moore A. “Methylation Profiles of Tumor Suppressor Genes in Skin Cancers and in Sun Damaged Skin,” 2002-2003.

Co-investigator: Smith EB, Yen A. "Safety and Efficacy of Once-Daily AGN 190168 0.1% Gel or 0.05% Gel Versus Vehicle Gel in Stable Plaque Psoriasis," 1993-94.

Co-investigator: Rainer S, Yen A. "Safety and Efficacy Study of Topically Applied Doxepin HCL (5%) Triamcinolone Acetonide (0.25%) Cream Combination Compared to Doxepin (5%) Cream and Triamcinolone Acetonide (0.025%) for the treatment of Pruritic Atopic Dermatitis," 1993-95


Co-investigator: Tyring SK, Yen A, Lee P, Chopra K, Glidden A, Trizna Z. “A Double-blind, Randomized, Placebo-Controlled, Study to Evaluate the Safety of SmithKline Beecham Biologicals’ Herpes Simplex Candidate Vaccine (gD2t) with MPL and its Efficacy to Prevent Genital Herpes Disease in HSV Positive or Negative Consorts of Subjects with Genital Herpes Disease,” 1997-1999.


**OTHER RESEARCH PROJECTS:**


**Principal investigator:** Moore A. “Safety and Efficacy of Topical Tacrolimus for Psoriasis,” 2000-2003.

**Principal investigator:** Moore A. “Safety and Efficacy of Topical Betamethasone Valerate Foam 0.12%,” 2000-2002.


Principal investigator: **Yen A.** Sanchez RL. "Differentiation between Irritated Seborrheic Keratosis and Bowen's Disease With the Immunohistochemical Stains bcl-2 and p53," 1996-present.


Principal investigator: **Yen A.** Novartis Corporation, (Sandoz), “A Two-Arm, Double-Blind, Randomized, Parallel Group to compare Two Doses (500 mg vs. 1,000 mg) of Lamisil in Subjects with Cutaneous or Lymphocutaneous Sporotrichosis During a Treatment Period of up to 6 months Maximum, with a 6 Month Follow-Up." Protocol SFS 255-E-00 IRB #96-056.

Principal investigator: **Yen A.** Fujisawa, USA, "A Randomized, Dose-Finding, Double-Blind Comparison of Topically Applied Tacrolimus vs. Vehicle in Pediatric Patients with Atopic Dermatitis" Protocol 95-0-003 IRB #95-308

Principal investigator: **Yen A.** Raimer SS., GenDerm Corporation, "Safety and Efficacy Study of Topically Applied Doxepin HCL (5%)/Triamcinolone Acetonide (0.025%) Cream Combination to Doxepin (5%) Cream, Triamcinolone Acetonide (0.025%) Cream, and Vehicle Cream for the Treatment of Pruritic Atopic Dermatitis" OSP #93-254, 1993


Principal investigator: **Yen A.** Brysk M: Investigated the in vitro viability of epidermal cells upon the purified Acetobacter xylinum xylan cellulose pellicle, 1993-94.

Co-investigator: **Yen A.** Brown M: Investigated the extrusion site as well as the nearby cell wall pore proteins and periplasmic particles of a unique cellulose by the G(-) bacterium Acetobacter xylinum through molecular distillation (in conjunction with Dr. Livesey and Dr. Linner in Houston), 1987-88.

Co-investigator: **Yen A.** Campion A: Utilization of Raman spectroscopy in investigating the interfacial interactions between the insulator polyamide and the semiconductor silicon, 1986.

Co-investigator: **Yen A.** Sanders B: Charting the Immunosuppression of Chickens with Avian Erythroleukemia Virus (AEV) utilizing PHA, concavalin A, and Pokeweed Mitogens, 1986.
PUBLICATIONS:

Book:

Manuscripts:
12. Yen A, Raimer SS. "Multiple painful blue nodules." (glomerangioma) Arch Derm


44. Moore TO*, Moore AY. “Fournier’s gangrene: A dermatologic emergency” submitted for publication.


59. Angela Moore, Mark Ling, Alicia Bucko, Joyce Hwa, Susan Qi, Vasant Manna. “Efficacy and safety of subantimicrobial dose, modified-release doxycycline 40 mg vs doxycycline 100 mg vs placebo for the treatment of inflammatory lesions in moderate and severe acne – A randomized, double-blind, controlled study.” Submitted for publication, 2014.

60. Angela Moore, “Improved, Rosacea-associated Quality of Life is Reported by Subjects in a Long-term Use Study of Once-daily Brimonidine Gel 0.33% That Decreased Basal Erythema Levels” 2016 Hawaii Derm


Abstracts and Letters:


Chapters:


* in-training

**PRESENTATIONS:**

**Invited Presentations**


2. **Yen A,** Raimer SS. “Case Report and Review of Kikuchi's Histiocytic Necrotizing Lymphadenitis” at Xian Medical School, Xian, China, October, 1995.


12. Moore A. “Special Stains” at the 13th Combined Skin Pathology Course, Dallas, Texas, October, 1998.

13. Moore A. “Pitfalls in Malignant Melanoma Diagnosis” at the 13th Combined Skin Pathology Course, Dallas, Texas, October, 1998.


**International Presentations**


27. Oral presentations with Dr. Stephen Tyring “An Update On The Treatment And Prevention Of Viral Diseases” And “Human Papillomaviruses: Viral Oncogenesis.” Facultad de Ciencias Farmaceuticas y Bioquimicas (Faculty of Pharmacy and Biochemistry), Universidad Mayor de San Andres, La Paz, Bolivia, September 27, 2007.


34. Oral presentation on “Antiviral therapies: state of the art, new drugs and vaccines” International Meeting Fronteiras da Dermatologia hosted by the Brazilian Society of Dermatology Officers, Rio de Janero, Brazil, October 7, 2007.


42. Oral presentation on “Clinicopathological Correlation of Inflammatory Disorders”, Alert Hospital, Addis Ababa, Ethiopia, October, 2010.


44. Oral presentation on “Special Stains in Dermatopathology”, Alert Hospital, Addis Ababa, Ethiopia, October, 2010.


46. Joseph Fowler Jr., Mark Jackson, Martin Steinhoff, Michael Jarratt, Terry Jones, Kappa Meadows, Angela Moore, Diane Rudisill, and Matthew Leoni, on behalf of the Brimonidine Phase III study group. Efficacy and safety of once-daily topical brimonidine tartrate gel 0.5% for the treatment of moderate to severe facial erythema of rosacea: results of two randomized, double-blind and vehicle-controlled pivotal studies. EADV. October, 2012.


49. Angela Moore,1 Steven Kempers,2 George Murakawa,3 Jonathan Weiss,4 Amanda Tauscher,5 Leonard Swinyer,6 Hong Liu, 7 Matthew Leoni, 7 on behalf of the Brimonidine LTS study group. Long-term safety and efficacy of once-daily topical brimonidine tartrate gel 0.5% for the treatment of moderate to severe facial erythema of rosacea: results of a 1-year open-labeled study. EADV. October, 2013.

50. Secukinumab is efficacious in clearing moderate-to-severe scalp psoriasis: 12 week results of a randomized phase IIIb study, has been accepted for an oral presentation at EADV, September 28-October 2, 2016 in Vienna, Austria.
National Presentations

1. Yen A, Tschen J, Black H. "Effect of Dietary Omega-3 and Omega-6 Fatty Acid Sources on Induction of Inflammation and Ornithine Decarboxylase Activity in the Hairless by Psoralen and Longwave Ultraviolet Light at the Society of Investigative Dermatology Meeting in Baltimore, Maryland, April, 1992.

2. Oral presentation on "Predesquamin Extends Maturation of Keratinocytes" at the National Student Research Forum, Galveston, Texas, April, 1994.


9. Oral presentation on "Workplace Skin Cancer Screening After Pre-Screening Questionnaires" at the National Student Research Forum at Galveston, Texas, April, 1995.


32. Yen A, Rady PL, Tyring SK. “Comparative Expression of Human Herpesvirus 8 (HHV-8) Homologues of Cyclin D (Latency Phase) and Macrophage Inflammatory Protein II (Lytic Phase) with Small Nuclear RNA T0.7 in Kaposi’s Sarcoma” at the American Academy of Dermatology 56th Annual Meeting, Orlando, FL, February, 1998.


43. Moore AY, Moore TO*, Sinkre P, Ashfaq R. “Expression of CD117 (c-kit) in Dermatofibrosarcoma Protuberans: An Immunohistochemical Study of 25 Cases” at the 63rd


* in-training

**Regional Presentations**

1. Oral presentation on "Cytotoxic and Growth Profiles of Natural Killer Cells from Patients with Leukemia," performed with E. Lotzova at the University of Texas System Cancer Center Summer Research Program, August, 1985.


5. Oral presentation on "Multiple Glomus Tumors" at the Clarence S. Livingood Lecture, Houston Dermatological Society Meeting, Galveston, Texas, April, 1994.

7. Oral presentation on "Effect of Dietary Lipids on PUVA Phototoxicity in the Hairless Mouse" at the South Central Dermatologic Congress Meeting at Key West, Florida, July, 1994.


12. Oral presentation on "Workplace Skin Cancer Screening After Pre-Screening Questionnaires" at Texas Dermatological Society Meeting, Dallas, Texas, May, 1995.

13. Oral presentation on "Erythema Induratum of Bazin as a Tuberculid" at the Southern Medical Association Meeting, Dermatology Section, Kansas City, Kansas, November, 1995.


15. Oral presentation on "Linear Scleroderma" at the Clarence S. Livingood Lecture, Houston Dermatological Society Meeting, Galveston, Texas, March, 1996.


Antonio, Texas, May, 1996.


34. Oral presentation on “Histology of Cowden’s Syndrome and Mucosal Involvement” at the Clarence C. Livingood Lecture Case Presentations, Houston Dermatological Society Meeting, Galveston, Texas, April, 1997.


39. Moore, TO*, Moore AY, Makarla P, Gazdar AF. “Methylation Profiles of Tumor Suppressor Genes in Basal and Squamous Cell Carcinoma” at the 42nd Annual Meeting of the North Texas Chapter of the American College of Surgeons, Dallas, TX, February 21, 2003.
F.H. (Trey) Moore, III, M.D.
1300 W. Terrell Suite 400
Fort Worth, TX 76104
(817) 336-5711

Education

Residency: University of Kansas Medical Center, Kansas City, KS
  General Surgery 1991-1993
  Urology 1993-1996

Medical School: University of Texas Health Science Center, San Antonio, TX
  August 1987-May 1991

Undergraduate: Texas Christian University, Fort Worth, TX
  September 1983-May 1987
  Graduated Magna Cum Laude

Private Practice
Urology Associates of North Texas/USMD, Partner
Board Certified by American Board of Urology 1988 and Recertified in 2006 and 2016
Texas Medical License, 1991-Present

Hospital Associations
Harris Methodist Fort Worth, Harris Methodist Southwest, Baylor All Saints, THR Huguley,
USMD Hospital Arlington, USMD Hospital Fort Worth, and Weatherford Regional Hospital

Medical Organizations/Associations
American Urologic Association
American Medical Association
Tarrant County Medical Society
Texas Urologic Association
American Association of Clinical Urologists

Medical and Community Involvement
Texas Health Resources Strategic Planning Southwest Zone Board
Harris Methodist Fort Worth Hospital
  Board of Trustees (2008-2014)
  Chief of Staff (2010-2011)
  Medical Staff Vice Chief of Staff (2008-2009)
  Medical Staff Secretary (2006-2007)
  Vice Chief Urology Department (2004-2005)
  Presidents Council Committee, past chief and committee member (2010-present)

USMD
  Fort Worth Urology Division, Physician Team Lead
  Medical Executive Committee
  Medical Physician Board for USMD 2013-2016
  Ventures Board of Directors

American Cancer Society, Fort Worth Board of Directors (1999-2006)

Red Cross, Tarrant County Board of Directors (2002-2005)

Tarrant County Academy of Medicine, Board of Directors (2003-2005)

Rotary Fort Worth South, Board of Directors (1999-2000)

American Cancer Society-Man-to-Man Prostate Support Group,
  Tarrant County Director and Fort Worth Group Facilitator (1999-2006)

Texas Health Resources Physician Leadership Council (2005-2006)

Harris Prostate Cancer Resource Center, Medical Director of Steering Committee

Prostate Cancer “STEPS” Lecture Series, Committee Member and Lecturer

Tarrant County Medical Society, Young Physicians Committee Chairman (2000)

Phi Beta Pi National Medical Fraternity, Past President San Antonio Chapter

Community Prostate Screening Outreach Program, Chairman Tarrant County (1999-2002)

North Texas Specialty Physicians (NTSP), Urology Division Chair

Update on Prostate Cancer Continuing Education Seminar (Fort Worth) 2003, Program Director

Alpha Epsilon Delta Medical School Honor Society, President 1986

TCU Athletics Physician (TCU Sports Medicine Advisory Team), 1996-Present
Cancer Care Services, Medical Advisory Board (2009-2010)

North Texas Prostate Cancer Coalition, Medical Advisor (2009-present)

Video Presentation on UNT sponsored “Prevent and Detect: Current Cancer Screening Guidelines” regarding prostate cancer screening recommendations

Texas Christian University Prehealth Professions Advisory Board

**Honors**

“America’s Top Urologists” (Consumer Research Council of America) 2007-2010

“Texas Super Doctors” Top five percent of Texas doctors as nominated by physicians and selected by a state panel based on surveys, candidate research, and panel review. Recipient, 2006-2016, Texas Monthly Magazine

“Texas Super Doctors” selected to Blue Ribbon Panel Selection committee

“Best Doctors in America”, 2006-2016

“Healthcare Hero” Recipient 2003, Fort Worth Business Press

“Top Docs” Fort Worth Magazine, 2001-2016

“America’s Top Surgeons”, 2010-2016

Merck Award Recipient (Medical School academic achievement award), 1991

Paul Harris Fellow, Rotary International, 1998

Texas Health Resources-The Physician Community Service Award Recipient 2007 for Dallas and Tarrant County


USMD Fort Worth “Medical Records Physician of the Year” 2014

Scored in Top 1% of Urology Inservice Exam during Chief Resident Year

**Research**

Principal Investigator Harris Fort Worth Branch-SWOG Selenium and Vitamin E Prostate Cancer Trial (SELECT)

Sub Investigator-Chemoprevention of Prostate Cancer, Fort Worth site, SWOG Trial
CURRICULUM VITAE

NAME: Todd Oland Moore, M.D.

PRESENT POSITION AND ADDRESS:
Colon and Rectal Surgeon
711 East Lamar Blvd. Suite 200
Arlington, Texas 76011
Phone: 817-795-7546
Fax: 817-226-7546
Since 2005 to present

Full privileges Arlington Memorial Hospital, Arlington, TX

Sub-Investigator
Arlington Research Center, Inc
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711 East Lamar Blvd. Suite 200
Arlington, Texas 76011
Phone: 817-795-7546
Fax: 817-226-7546
Since 2007 to present

BIOGRAPHICAL:

Date of Birth December 3, 1970
Place of Birth Wayne, Nebraska
Citizenship USA
Contact Information 2501 Royal Glen Court
Arlington, Texas 76012
817-881-2615
todd_o_moore@yahoo.com

EDUCATION:

1989 Waco High School (Valedictorian), Waco, Texas
1989-93 B.A. in Physiology of Behavior, Rice University, Houston, Texas
1994-98 M.D. with Honors, University of Texas Medical Branch, Galveston, Texas
1998-03 Surgery Residency, Baylor University Medical Center (BUMC), Dallas, Texas
2003-04 Colon and Rectal Surgery Residency, BUMC, Dallas, TX

LICENSURE/BOARD CERTIFICATION:

Texas Medical License L7489
Board Certified, American Board of Colon and Rectal Surgery 09/05
Board Certified, American Board of Surgery 02/04
HONORS AND AWARDS:

2004 Surgical Jeopardy, American Society of Colon and Rectal Surgeons, Dallas, TX, May 12, 2004.
2003 American Board of Surgery In-Service Training Exam (ABSITE): Highest Score at BUMC: 95th Percentile
2003 Outstanding Poster Award at the North Texas Chapter of the American College of Surgeons Meeting, Dallas, Texas, February, 2003.
2002 American Board of Surgery In-Service Training Exam (ABSITE): Highest Score at BUMC: 96th Percentile
2002 Outstanding Poster Award at the North Texas Chapter of the American College of Surgeons Meeting, Dallas, Texas, February, 2002.
2000 ABSITE: Highest score among PGY-2 at BUMC: 98th Percentile
1999 ABSITE: Highest score among PGY-1 at BUMC: 96th Percentile
1998 Duncan Award for Excellence in Gross Anatomy and Anatomical Research
1998 Freese Award (Outstanding Dermatology Student of the Year)
1998 J. Lewis Pipkin Research Award at the National Student Research Forum, Galveston, Texas
1997 Alpha Omega Alpha Honor Medical Society
1994-97 UTMB Dean’s List
1997 Westra Scholarship for academic excellence and service to fund mission trip to Thailand
1995 Agnes Thelma Anderson Scholarship for academic excellence, UTMB
1991-93 Rice University's President's Honor Roll
1989-90 Max Roy Scholarship for academic excellence in mathematics, Rice University
1989-90 Robert C. Byrd Scholarship for academic excellence
1989 National Merit Commended Student
1989 Beneficial Corporation, Community Service Award
1983 Eagle Scout, Boy Scouts of America

TEACHING EXPERIENCE:

2002-2003 Chief Resident, General Surgery, Baylor University Medical Center
1996-1998 Neurosciences Tutor
1995, 1997 Gross Anatomy Tutor
1996-1997 Physiology Tutor
1997 Introduction to Patient Evaluation, Small-group leader

SPEAKER’S BUREAU/ADVISORY BOARD
Sanofi-Aventis – 2006 - 2007
Novartis - 2005
Ferndale Labs - 2005
SERVICE:

President of the Arlington Medical Society, 2006-present
Missionary trip to China with leaders from Pantego Bible Church (2006)
Elder at Pantego Bible Church, 2005 - Present
Texas Medical Association Ad Hoc Committee for Health Information Technology, 2005-06
Vice-President of the Arlington Medical Society, 2005-2006
Transfusion Committee, Resident member, 2001-2003
Surgical Education Committee, Member 2001-2003
Medical missionary trip to Shengyang, China with International Mission Board (1999)
Medical missionary trip to Bangkla, Thailand with International Mission Board (1998)
Medical missionary trip to Juarez, Mexico with Baptist Student Ministries (1997)
Medical missionary trip to Matamoros, Mexico with Galveston Bible Church (1997)
Deacon at Galveston Bible Church (1996-97)
Year-long mission trip to Vladimir, Russia with The CoMission (1993-94)
Eye care missionary trips to Ecuador with Men for Missions (1992, 1990, 1988)
Missionary trip to Argentina with Campus Crusade for Christ (1992)
Eye care missionary trips to Haiti with Men for Missions (1980)

RESEARCH INTERESTS:

Familial Colon Cancer, Collaborative work with Richard Boland, M.D., Ph.D., BUMC
Molecular Biology of Malignant Transformation, Collaborative work with Adi Gazdar, M.D., Ph.D., U.T. Southwestern

PAPERS:


Moore TO*, Moore AY. “Fournier’s gangrene: A dermatologic emergency” submitted for publication.

Moore TO*, Moore AY, Wagner RF. “Removal of Burrow’s triangles compared with lipoplasty for correction of cone defects during closure of linear excisions.” in progress.


INTERNATIONAL PRESENTATIONS:


Moore AY, Moore TO. “Human herpesviruses” at The Global Partners 1999 Sino-American Medical Exchange Conference in Shenyang, China, June 1999


PRESENTATIONS:


Moore, TO. “Irritable Bowel Syndrome: An Update” Grand Rounds at the Dept. of Surgery, BUMC, Dallas, TX, April 30, 2003.


Moore, TO, Moore AY, Gazdar A. “Methylation Profiles of Tumor Suppressor Genes in Basal Cell and Squamous Cell Carcinomas” North Texas Chapter of the American College of Surgeons’ Annual Meeting, Dallas, TX, February 21, 2003.

Moore, TO, Dignan RD, Lichliter WE. “Colectomy with Ileorectal Anastomosis and polyp suppression in Familial Adenomatous Polyposis” North Texas Chapter of the American College of Surgeons’ Annual Meeting, Dallas, TX, February 21, 2003.

Moore, TO. “PET Scanning: Surgical Applications” Grand Rounds at the Dept. of Surgery, BUMC, Dallas, TX, June 19, 2002.


Moore TO, Moore AY, Yen-Moore A, Tan L. “Nasopharyngeal Carcinoma: Role of Endoscopic Guided Resection” at Grand Rounds, Department of Otorhinolaryngology, University Hospital of Singapore, June, 1998.


Moore TO, Yen A, Wagner RF. “The Repair of Cone Defects by Lipectomy versus Traditional Repair,” at the National Student Research Forum, Galveston, TX, April, 1998.


Moore A, Rady PL, Moore TO, Memar O, and Tyring SK. Expression of Human Herpesvirus (HHV-8), HHV-8 Homologues of Cyclin D and G protein-coupled Receptor, Human Interleukin 8 (IL-8), and human IL-8 Receptor in Kaposi's Sarcoma. Summer Meeting, American Academy of Dermatology, New York; August 1997.


**CLINICAL TRIALS INVOLVED AS SUB-INVESTIGATOR:**

**Principal Investigator:** Moore A., Protocol Number 1297.9: VOLTAIRE-X: Pharmacokinetics, safety, immunogenicity and efficacy of BI 695501 versus Humira® in patients with moderate to severe chronic plaque psoriasis: a randomized, double-blind, parallel-arm, multiple-dose, active comparator trial. Boehinger Ingelheim Pharm GmbH & Co. KG Pending Site Activation

**Principal Investigator:** Moore A., Protocol Number 232674 Almirall, PM1440: A Randomized, Double-blind, Vehicle-controlled, Parallel-group clinical Trial to Assess the Efficacy, Safety and Tolerability of P-3073 for Topical Treatment of Nail Psoriasis. Almirall Pending Site Activation

**Principal Investigator:** Moore A., Protocol Number FX2016-12: A Randomized, Multicenter, Double-blind, Vehicle-controlled Study to Evaluate the Safety and Efficacy of FMX103 1.5% Topical Minocycline Foam Compared to Vehicle in the Treatment of Facial Papulopustular Rosacea (FX2016-12) Foamix Pharmaceuticals Ltd Pending Site Activation

**Principal Investigator:** Moore A., Protocol Number INCB 18424-211: A Randomized, Double-Blind, Dose-Ranging Study of INCB018424 Phosphate Cream in Subjects With Vitiligo. Incyte-Corporation May 2017-Present

**Principal Investigator:** Moore A., Protocol Number INCB 1842-206: A Phase 2, Randomized, Dose-Ranging, Vehicle-Controlled and Triamcinolone 0.1% Cream-Controlled Study to Evaluate the Safety and Efficacy of INCB018424 Phosphate Cream Applied Topically to Adults With Atopic Dermatitis. Incyte Corporation March 2017-Present
**Principal Investigator:** Moore A., Protocol Number CNTO127SPSO3013: A Phase 3 Open-label Study to Assess the Efficacy, Safety, and Pharmacokinetics of Subcutaneously Administered Ustekinumab in the Treatment of Moderate to Severe Chronic Plaque Psoriasis in Pediatric Subjects ≥6 to <12 Years of Age. Janssen Pharmaceutical Companies December 2016 - present

**Principal Investigator:** Moore A., Protocol Number 1679-401-006: An Open-Label Phase 4 Safety and Efficacy Trial of ACZONE (Dapsone) Gel, 7.5% in 9 to 11 Year-Old Patients With Acne Vulgaris. Allergan (North America) October 2016 - present

**Principal Investigator:** Moore A., Protocol Number 1679-401-006: An Open-Label Phase 4 Safety and Efficacy Trial of ACZONE (Dapsone) Gel, 7.5% in 9 to 11 Year-Old Patients With Acne Vulgaris. Allergan (North America) October 2016-present

**Principal Investigator:** Moore A., Protocol Number CAIN457A2326, A 52-week, multicenter, randomized, double-blind study of secukinumab (300 mg) to demonstrate efficacy as assessed by Psoriasis Area and Severity Index and Investigator’s Global Assessment after 12 weeks of treatment, compared to ustekinumab, and to assess long-term safety, tolerability, and efficacy in subjects with moderate to severe plaque psoriasis (CLARITY). Novartis Pharmaceuticals Corp July 2016-present

**Principal Investigator:** Moore A., Protocol Number CAIN457FUS01, A randomized, double-blind, placebo-controlled, parallel-group, multicenter study to evaluate the safety and efficacy of secukinumab 300 mg and 150 mg in adult patients with active psoriatic arthritis after 16 weeks of treatment compared to placebo and to assess the safety, tolerability and efficacy up to 52 weeks. Novartis Pharmaceutical Corp July 2016-Present

**Principal Investigator:** Moore A., Protocol Number NI-AC303, A Phase 3 Multi-Center, Open Label Study Evaluating the Long Term Safety of SB204 Once Daily in the Treatment of Acne Vulgaris. Novan Therapeutics May 2016 to May 2017

**Principal Investigator:** Moore A., Protocol Number NI-AC301, A Phase 3 Multi-Center, Randomized, Double-Blinded, Vehicle-Controlled, Parallel Group Study Comparing the Efficacy, Tolerability and Safety of SB204 and Vehicle Gel Once Daily in the Treatment of Acne Vulgaris. Novan Therapeutics February 2016- March 2017

**Principal Investigator:** Moore A., Protocol Number CLS001-CO-PR-005, A Phase 3, Randomized, Vehicle-Controlled, Double-Blind, Multicenter Study to Evaluate the Safety and Efficacy of a Once-Daily CLS001 Topical Gel Versus Vehicle Administered for 12 Weeks to Subjects with Papulopustular Rosacea with a 4 Week Follow-up Period. Cutanea Life Sciences, Inc. December 2015-Present
**Principal Investigator:** Moore A., Protocol Number CHS-1420-02, A Double-Blind, Randomized, Parallel-Group, Active-Control Study to Compare the Efficacy and Safety of CHS-1420 Versus Humira in Subjects With Chronic Plaque Psoriasis (PSOsim)
August 2015 to present

**Principal Investigator:** Moore A., Protocol Number R668-AD-1415, A Phase 3, Randomized, Double-Blind Placebo-Controlled study Investigating the Efficacy and Safety of Multiple Dupilumab Dose Regimens Administered as Monotherapy for Maintaining treatment response in Patients with Atopic Dermatitis. Regeneron Pharmaceuticals, Inc.
August 2015 to February 2017

**Principal Investigator:** Moore A., Protocol Number SC1402, A Randomized, Multicenter, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of 1.5 mg/kg per Day of Sarecycline Compared to Placebo in the Treatment of Acne Vulgaris. Allergan (formerly Activis)
June 2015 to March 2017

**Principal Investigator:** Moore A., Protocol Number R668-AD-1225, An Open-Label study of Dupilumab in patients with Atopic Dermatitis who Participated in Previous Dupilumab Clinical Trials. Regeneron Pharmaceuticals, Inc.
March 2015 to present

**Principal Investigator:** Moore A., Protocol Number R668-AD-1416, A Phase 3 Confirmatory Study Investigating the Efficacy and Safety of Dupilumab Monotherapy Administered to Adult Patients with Moderate-to-Severe Atopic Dermatitis. Regeneron Pharmaceuticals, Inc.
March 2015 to March 2016

**Principal Investigator:** Moore A., Protocol Number 122-0551-305, A Multicenter, Randomized, Double-Blind, Parallel Group Comparison of Halobetasol Propionate Foam 0.05% versus Vehicle Foam in Subjects with Plaque Psoriasis. Therapeutics, Inc.
February 2015 to September 2015

**Principal Investigator:** Moore A., Protocol Number B7451005, A Phase 2, Randomized, Double-Blind, Placebo-Controlled study to evaluate safety and efficacy of PF9-04965842 in Subjects with Moderate to Severe Psoriasis. Pfizer, Inc.
February 2015 to August 2015

**Principal Investigator:** Moore A., Protocol Number GLI.04.SPR.US10305, MIRVASO In Use Study: Managing Rosacea through assessment and control of its erythema (The MIRACLE Study) Galderma R&D, LLC.
November 2014-March 2015

**Principal Investigator:** Moore A., Protocol Number CAIN457AUS01, A randomized, double-blinded, placebo-controlled, parallel-group, multicenter study to demonstrate the efficacy of subcutaneous secukinumab [300 mg] as assessed by the Psoriasis Scalp Severity Index (PSSI) at 12 weeks of treatment, compared to placebo, and to assess safety and tolerability up to 24 weeks in adult subjects with moderate to severe scalp psoriasis.
Novartis Pharmaceuticals
October 2014- March 2016
**Principal Investigator:** Moore A., Protocol Number R668-AD-1314, A Randomized, Double-Blind, Placebo-Controlled, Study Investigating Vaccine Responses in Adults with Moderate to Severe Atopic Dermatitis Treated with Dupilumab. Regeneron Pharmaceuticals, Inc. September 2014-December 2015

**Principal Investigator:** Moore A., Protocol Number RD.06.SPR.18131, A Multicenter, Open label uncontrolled study of the long term safety and efficacy of calcitriol 3mcg/g ointment applied twice daily for 26 weeks in pediatric subjects (2 to 17 years of age) with mild to moderate plaque psoriasis. Galderma R&D, LLC. Apr 2014-Present


**Principal Investigator:** Moore A., Protocol Number AN2728-301/302, A Multicenter, Randomized, Double-Blind, Vehicle-Controlled Study of the Safety and Efficacy of AN2728 Topical Ointment, 2% in Children and Adolescents (Ages 2 Years-17 Years) With Atopic Dermatitis. Anacor Pharmaceuticals, Inc. Apr 2014- August 2015

**Principal Investigator:** Moore A., Protocol Number 199201-004 – Efficacy and Safety of Oxymetazoline HCI Cream 1.0% for the Treatment of Persistent Erythema Associated with Rosacea. Allergan (North America) Apr 2014-Mar 2015

**Principal Investigator:** Moore A., Protocol Number ASB1-704 – A Multicenter, Randomized, Placebo-Controlled, Double-Blind, Parallel-group Study to Evaluate the Efficacy, Safety, and Pharmacokinetics of ASB17061 Capsules in Adult Subjects With Atopic Dermatitis. Asubio Pharmaceuticals, Inc. Sep 2013 – Mar 2014

**Principal Investigator:** Moore A., Protocol Number DS440C00001 – A Phase IIa, Randomized, Double-blind, Placebo-controlled, Multicenter Study to Assess the Safety, Tolerability and Preliminary Efficacy of MEDI8968 in Subjects with Moderate to Severe 10 Hidradenitis Suppurativa AstraZeneca May 2013-January 2015

**Principal Investigator:** Moore A., Protocol Number X052170 – An Open-label, Proof of Concept Study of Gevokizumag in the Treatment of the Acute, Inflammatory Phase of Pyoderma Gangrenosum. XOMA (US) LLC Apr 2013- Jun 2014


**Principal Investigator:** Moore A., Protocol Number I1F-MC-RHBA (a) – A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study Comparing the Efficacy and Safety of LY2439821 to Etanercept and Placebo in Patients with Moderate-to-Severe Plaque Psoriasis.
Eli Lilly and Company June 2012 - Present


Principal Investigator: Moore A., Protocol Number RD.06.SPR.18171 – A Phase 3 randomized, double-blind, 12 week vehicle-controlled, parallel-group study assessing the efficacy and safety of CD5024 1% cream versus vehicle cream in subjects with papulopustular rosacea, followed by a 40-week investigator-blinded extension comparing the long-term safety of CD5024 1% cream versus azelaic acid 15% gel. Galderma December 2011- September 2013

Principal Investigator: Moore A., Protocol Number X052120 – A Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy and Safety of Gevokizumab in Subjects with Moderate to Severe Acne Vulgaris. XOMA January 2012-August 2013

Principal Investigator: Moore A., Protocol Number RD.06.SPR.18120 - A Multicenter, Randomized Double-Blind, Placebo-Controlled, 3-Arm, Parallel Group Study Comparing the Efficacy and Safety of CD2475/101 40 mg Tablets versus Placebo and Doxycycline 100 mg Capsules Once Daily in the Treatment of Inflammatory Lesions in Subjects with Acne Vulgaris” Galderma February 2011 to February 2012
Principal Investigator: Moore A., Protocol Number 20080470 "A Randomized Study to Evaluate the Efficacy and Safety of Adding Topical Therapy to Etanercept in Subjects With Moderate to Severe Plaque Psoriasis." November 2010 – February 2012

Principal Investigator: Moore A., Protocol Number RD.06.SPR.18161: “A 4-week, Randomized, Double-blind, Parallel-group, Vehicle-controlled, Multicenter Study Investigating the Efficacy and Safety of CD07805/47 Gel 0.5% Applied Topically Once Daily (QD), and CD07805/47 Gel 0.18% Applied Topically Once Daily (QD) or Twice Daily (BID), in Subjects With Moderate to Severe Facial Erythema Associated With Rosacea” Galderma. August 2010 – January 2011 (Brimonidine)


Principal Investigator: Moore A., Protocol RD.03.SPR.29075: “Efficacy and Safety Comparison of Adapalene 0.1% / Benzoyl Peroxide 2.5% Gel versus Adapalene, 0.1% / Benzoyl Peroxide 2.5% Vehicle Gel as a 6-Month Maintenance Treatment.” Galderma R&D, Inc., May 2008 – November 2009

Principal Investigator: Moore A., Protocol RD.03.SPR.29074: “Efficacy and Safety Comparison of Adapalene 0.1% / Benzoyl Peroxide 2.5% Gel Associated with Doxycycline Hyclate 100mg Tablets versus Adapalene lotion, 0.1% / Benzoyl Peroxide 2.5% Vehicle Gel Associated with Doxycycline

**Principal Investigator: Moore A.,** Protocol RD.06.SPR.18113: “A Multi-Center, Randomized, Double-Blind, Parallel Group Study to Demonstrate the Efficacy and Safety of Adapalene Lotion, 0.1% Compared with Vehicle Lotion in Subjects with Acne Vulgaris.” Galderma R&D, Inc., February 2008 – February 2009


**Principal Investigator: Moore A.,** Protocol COL101-ROSE-401: “A Multi-Center, Randomized, Double-Blind, Active-Control Clinical Trial to determine the Effects of Doxycycline Monohydrate Modified-Release Capsules, 40 mg (COL-101 Administered Once Daily in Conjunction with MetroGel (metronidazole topical gel, 1%) versus Doxycycline Hyclate Immediate-Release Capsules, 100 mg Administered Once Daily in Conjunction with MetroGel (metronidazole topical gel, 1%) in Patients with Moderate to Severe Rosacea.” Collagenex, February 2007 – November 2007

**Principal Investigator: Moore A.,** “Protocol RD.06.SPR.18088: A Multi-Center, Randomized, Double-Blind, Parallel Group Study To Demonstrate The Efficacy And Safety Of Adapalene/Benzoyl Peroxide Topical Gel Compared With Adapalene/Benzoyl Peroxide Topical Gel Compared With Adapalene Topical Gel, 0.1%; Benzoyl Peroxide Topical Gel, 2.5% And Topical Gel Vehicle In Subjects With Acne Vulgaris.” Galderma, January 2007- July 2007


Kenton K. Murthy, D.O., M.S., M.P.H.
4670 Trevor Trail, Grapevine TX 76051
E-mail: kmurthy@gmail.com
Home Phone: (214) 699-9635

POST-GRADUATE TRAINING:
7/12 – 6/15  Rutgers Robert Wood Johnson Medical School at Robert Wood Johnson University Hospital
Family Medicine and Community Health
Health Policy Fellowship Track

EDUCATION:
7/07 – 5/12  University of North Texas Health Science Center
Texas College of Osteopathic Medicine
Degree: Doctor of Osteopathic Medicine (D.O.)
7/09 – 5/12  University of North Texas Health Science Center
School of Public Health
Degree: Master of Public Health (M.P.H.)
Concentration: Health Management and Policy
Thesis: The White-Coat Dilemma: Are Collaborative Practices the Answer to the Primary Care Shortage?
Major Professor: Dr. Kristen Lykens
5/06 – 5/07  University of North Texas Health Science Center
Graduate School of Biomedical Sciences
Degree: Master of Science (M.S.)
Concentration: Medical Sciences
9/97 – 12/01  University of California, Davis
Degree: Bachelor of Science (B.S.)
Major: Genetics
Minor: Managerial Economics
Honors: Davis Honors Challenge (1997-2000)

LICENSURE & CERTIFICATION:
7/15  American Board of Family Medicine
Board Certified
7/15  Texas Medical Board
Fully Licensed
7/14  Robert Wood Johnson University Hospital
Nexplanon Certified
11/01  University of California, Davis
Certificate of Completion
Student Leadership Development Series

HONORS & AWARDS:
2/17  Burleson Star
2016 Best of the Best Doctor
2/17  Burleson Star
2016 Best of the Best Medical Office
6/14  New Jersey Family Magazine
2014 NJ’s Favorite Kids’ Doc Award
8/13  Robert Wood Johnson University Hospital
Above and Beyond Certificate of Excellence for Outstanding Dedication to Patient Care
Upward Bound Math and Science - University of California, San Diego
Certificate of Appreciation for Outstanding Service and Support

MEMBERSHIPS:
10/15 – Present  Texas Medical Association
7/12 – Present  American Academy of Family Physicians
9/07 – Present  American Osteopathic Association
2/08 – 5/12  Sigma Sigma Phi
Honorary Osteopathic Service Fraternity

HOSPITAL AND CLINICAL COMMITTEES:
1/16 – Present  HealthTexas Provider Network
Best Care Committee
12/16 – Present  Baylor Scott & White All Saints Hospital
Primary Care Provider Counsel
7/13 – 6/15  Family Medicine at Monument Square
Clinical Care Medical Unit
7/13 – 6/15  Robert Wood Johnson University Hospital
Quality Improvement and Patient Safety

WORK EXPERIENCE:
11/16 – Present  Baylor Scott & White Family Medicine at Burleson
Burleson, TX
Family Medicine/Hospitalist Physician
Full scope family physician, including EKG, spirometry, fracture and wound care and minor surgical procedures.
Hospital privileges at Baylor Emergency Medical Center in Burleson, TX. Focuses on Geriatrics, Sports Medicine,
Women’s Health and Osteopathic Manipulative Treatments.

2/17 – Present  Baylor Scott & White Healthcare Clinic
Arlington, TX
Collaborative Physician
Collaborative physician for APNs at the Baylor Scott & White Healthcare Clinic. Duties include: 24/7 access,
monthly educational meetings and chart review.

11/15 – 10/16  Walgreens Healthcare Clinic
Burleson, TX
Collaborative Physician
Collaborative physician for APNs at the Walgreens Healthcare Clinic. Duties include: 24/7 access, monthly
educational meetings and chart review.

RESEARCH EXPERIENCE:
7/13 – 6/15  Rutgers Robert Wood Johnson Medical School
New Brunswick, NJ
Health Policy Research
Contact: Dr. Paula Krauser
Research focused on collaborative care using our office, a Patient-Centered Medical Home recognized by the
National Committee for Quality Assurance, as a model. Created a survey on the qualities of collaborative care that
was distributed to the doctors, nurses and staff, of which will be written up for publication and presented at a
conference.

2/02 – 5/06  University of California, San Diego – School of Medicine
La Jolla, CA
Staff Research Associate
Contact: Dr. Brinda Rana
Research associate for the Polymorphism Research Laboratory that provides genomic, bioinformatics, and
genotyping support for a two-year project in pharmacogenomics. Set up laboratory for sequencing and genotyping,
which involved purchasing capital equipment (ABI 3100 capillary sequencer, Beckman-Coulter CEQ 8800,
PyroSequencer, Biomek FX liquid handling system), establishing new protocols, and furnishing the lab with needed
research tools and supplies. Also lead sequencing and SNP analysis efforts on a number of candidate genes involved
in hypertension. Other duties include sample organization and aliquoting, ordering, and training other technicians, students, and post-docs. Also, involved in bioinformatics looking at Linkage Disequilibrium (LD) between SNPs, and data analysis of LD plots.

6/01 – 9/01
Scios, Inc
Sunnyvale, CA
Summer Research Associate
Our group focused on the work that protein kinases play in cells. Since kinases function as control points throughout the body, they make ideal targets for therapeutic treatment. My position focused on the genetics behind some protein kinases. Using restriction endonucleases, I isolated fragments of DNA, screened for them in bacteria, cloned them, and then transfected the DNA fragment into human kidney cells to understand their function. I also attended group lab meetings, and participated in the celebration of the company's first marketable drug to treat acute congestive heart failure.

6/00 – 9/00
NASA – Ames Research Center
Mountain View, CA
Summer Research Associate
Our study focused on the hypothesis that exposure to increased gravity over time, increases the body's ability to cope with hypergravity. Our experiments involved human subjects riding a 58-foot long, 20-G centrifuge for 22 hours nonstop. Subjects were fitted with a biosensor vest to measure heart rate, blood pressure and oxygen levels. My role in the experiment was to monitor subject's vitals at various times during the centrifuge study, assist in preparing the subject for study, and collect and analyze data. Also, in conjunction with the centrifuge study, I assisted in a Lower Body Negative Pressure (LBNP) test on human subjects to study the effect space has on the human cardiovascular system. My role during this study involved preparing the subject for the LBNP table and assisting in data analysis.

TEACHING EXPERIENCE:
8/16 – Present
Texas A&M College of Nursing and Health Sciences
Burleson, TX
Preceptor
Supervising physician for student APNs. Taught student APNs in the clinical setting on pathophysiology and various medical procedures.

5/14 – 6/15
Rutgers Robert Wood Johnson Medical School
New Brunswick, NJ
EKG Instructor
Developed weekly lectures on EKGs and presented to co-residents, medical students and faculty.

11/05 – 6/12
The Princeton Review
La Jolla, CA/Dallas, TX
MCAT/DAT/OAT Instructor
Contact: Patrick Bohn: 214-890-0099
Taught General Chemistry, Organic Chemistry, and General Biology to students. My duties included: developing the class lesson plans based on the Princeton Review method, leading discussions, conducting office hours, and administering practice tests.

7/08 – 5/09
UNTHSC – Texas College of Osteopathic Medicine
Fort Worth, TX
Osteopathic Manipulative Treatment Teacher’s Assistant
Assisted the osteopathic faculty in teaching 1st year medical students osteopathic treatment and modalities once a week. My duties included: Preparing for week’s OMT lecture, and assisting and teaching students proper OMT techniques.

6/03 – 8/04
Upward Bound Math & Science Program
La Jolla, CA
Science Instructor
Taught introductory bio laboratory techniques to high school students from underserved high schools. My duties included: developing daily lesson plans based on curriculum which was used for lectures, leading classroom discussions, conducting review sessions before tests, mentoring college bound students, and supervising a Teacher’s Assistant.

9/97 – 6/99
Adventures in Science - University of California, Davis
Davis, CA
Science Instructor
Taught basic molecular biology to elementary and junior high school students. My duties included: assisting in development of science curriculum, developing daily lesson plans based on curriculum which was used for lectures, and leading classroom discussions.

PUBLISHED ARTICLES


POSTERS, PRESENTATIONS & COMMUNITY EDUCATION:

Murthy, KK. Summer Safety: Covering Some of the Hazards of the Summer Months. TTI, Inc. Fort Worth, TX, July 2016.


EMPLOYMENT

Physician, gastroenterologist 06/2015 - Present
- Practice general gastroenterology including outpatient clinic, inpatient consultation, and
  general endoscopy.
- Perform general endoscopy with esophagoduodenoscopy and colonoscopy, capsule endoscopy,
  Bravo, Smart Pill, hemorrhoidal banding, and breath tests.
- Build the gastroenterology department by setting up satellite clinics, endoscopy, training staff, and tracking quality measures.
- I am a member of the USMD Bariatric Committee. Recently, I attended an ASGE bariatric
  endoscopy course and received a certificate of achievement of competency and training to
  perform ReShape, a non-surgical intragastric balloon for weight loss.
- Interests in patient education, improvement projects, women’s health, physician leadership,
  and medical education.

USMD, a multispecialty organization in the Dallas-Fort Worth, Texas.

Clinical Lecturer 07/2013 - 01/31/2015
- Non-tenure track appointment with emphasis on clinical and teaching responsibilities and also
  included call coverage for the VA Ann Arbor Hospital.

Internal Medicine/Gastroenterology Department
University of Michigan
Ann Arbor, Michigan

EDUCATION

Gastroenterology Fellowship 07/2010 - 06/2013
The University of Michigan
Ann Arbor, Michigan

Internal Medicine Residency 07/2007 - 06/2010
The University of Texas at Southwestern/Parkland Hospital System
Dallas, Texas

Doctor of Medicine 08/2003 - 06/2007
The University of Texas Medical Branch at Galveston
Galveston, Texas

Bachelor of Science in Biology 06/1999 - 05/2003
The University of Texas at Arlington
Arlington, Texas

Diane Nguyen, M.D.
4000 Hulen Place, Apt 441 • Fort Worth, Texas 76107
(214) 577-0945 • dianenguyen9@gmail.com
CERTIFICATION / LICENSURE

Gastroenterology, Board Certified        2013
Internal Medicine, Board Certified        2010
Medical License, State of Texas        2015 - Present
Medical License, State of Michigan        2013 - Present

HONORS / AWARDS

American Gastroenterological Association Student Research Fellowship Award 2009
Carl J. Herzog Academic Scholarship        2003 - 2007
Alpha Chi Honor Society        2003
University Scholar        1999 - 2003

PROFESSIONAL AFFILIATIONS

Association for Bariatric Endoscopy        2016 - Present
American Gastroenterological Association        2013 - Present
American Society for Gastrointestinal Endoscopy        2010 - Present
American College of Gastroenterology        2010 - Present
Patient care committee        2015 - Present
American College of Physicians        2007 - 2010

TEACHING EXPERIENCE

Gastrointestinal Course Medical Students Group Moderator        2014
Gastroenterology Fellows’ Endoscopy and Clinic Staff        2013

VOLUNTEERING EXPERIENCE

Michigan Health Fair        2010 - 2013
Saint Vincent Health Clinic        2003 - 2007

LANGUAGES

English and Vietnamese

REFERENCES

References available upon request.
Curriculum Vitae
Peter Van Nguyen, M.D.

Personal:  Address and phone:  2801 Katherine Court
           Arlington, Texas 76016
           Cell:  817-707-1787
           Marital Status:  Married
           Citizenship:  United States of America

Medical Licenses:  L3769

Undergraduate Education:
University of Houston, Houston, Texas
Bachelor of Science, Biology  09/1991-12/1994

Medical Education:
University of Texas Medical School, Houston, Texas
08/1995 – 06/1999

Residency:
Baylor College of Medicine- Internal Medicine. Houston, Texas
06/1999 – 06/2002

Fellowship:
Baylor College of Medicine- Nephrology. Houston, Texas
09/2003-08/2005
Nephrology, Chief Fellow 2004-2005

Interventional Nephrology- Bamberg County Hospital and Nursing Center. Under supervision and training of Dr. John Ross, Chief of Surgery.
10/03/05-10/26/05

Specialty Boards:
Internal Medicine: ABIM -- 2002, 2013

Awards/Honors:
Chief Nephrology Fellow, 2004 – 2005
Novartis Community Service Award 06/99- UT Medical School Honors in Gross Anatomy, Histology, Immunology, Microbiology UT Medical School 1995 – 1996
Alpha Epsilon Delta- Phi Epsilon Sigma Honor Society 1992-94
Alpha Epsilon Delta- Premedical 1991-94
Dean’s List, University of Houston 1991-94

Professional:
August 2016- Present, Chief Medical Officer and Quality Officer
PPG Health
Fort Worth, TX

December 2012-August 2016, Medical Director for Dialysis
Texas Health Harris Methodist Hospital
Fort Worth, TX

January 2015- December 2017, Physician Champion
North Texas Respecting Choices, NTSP
Fort Worth, TX

August 2006- Present, Clinical Director
USRC Tarrant Dialysis Center
Fort Worth, TX 76104

August 2006- Present, Private Practice Clinical Nephrologist
Tarrant Nephrology Associates
Fort Worth, Texas 76104

September 2005- July 2006, Private Practice Clinical Nephrologist
Renal Specialist of Houston, PA
Houston, Texas 77030

September 2002-September 2003, Inpatient Consultants of Houston- The Methodist Hospital 6565 Fannin St, Houston, Texas

Professional Memberships:
- American Society of Diagnostic and Interventional Nephrology
- American Society of Nephrology
- Tarrant County Medical Society
- Vietnamese Health Professionals Association Dallas-Fort Worth
- Precinct 2 JPS Healthcare Advisory committee

Presentations:
- Baylor Citywide Hematology Grand Rounds (4/01): Acquired Factor V Inhibitor, Platelet Therapy
- Baylor Citywide Infectious Disease Grand Rounds (7/11/01): “Primary Cutaneous Cryptococcal Infections”
- Baylor Renal Grand Rounds (6/29/05): “Catheter Related Infections: Challenges in Diagnosis and Management”

Research:
- 7/2009-10/2013: A Phase 2, Randomized, Open-Label Active-Comparator (Epoetin alfa) and Single-Blind Placebo-Controlled, Dose Ranging Safety and Exploratory Efficacy Study of XXXXX in Subjects with End-Stage Renal Disease Receiving Maintenance Hemodialysis
- 3/2011-12/2013: A Randomized, Placebo-Controlled, Phase III Study of Dialysate Containing XXXXX in Chronic Kidney Disease
Patients Receiving Hemodialysis: The Continuous Replacement Using Iron Soluble Equivalents Study

7/2012-7/2013: A four-week, Phase IIa, randomized, active-controlled, parallel-group, multi-center study to evaluate the safety, efficacy and pharmacokinetics of switching subjects from a stable dose of recombinant human erythropoietin to XXXXXX in hemodialysis-dependent subjects with anemia associated with chronic kidney disease.

10/2012-3/2014: A Randomized, Double-Blinded, Placebo-Controlled, Crossover, Multicenter Phase III Safety Study of XXXXXX in Dialysate in Chronic Kidney Disease Patients Receiving Chronic Hemodialysis


5/2013-present: A Randomized, Double-blind, Placebo-controlled Phase 3 Study to Assess the Efficacy and Safety of XXXXXX in the Treatment of Secondary Hyperparathyroidism in Subjects with Chronic Kidney Disease on Hemodialysis


10/2010-present: A Phase II, Randomized, Open-Label Active-Comparator (XXXXX) and Single-Blind Placebo-Controlled, dose Ranging Safety and Exploratory Efficacy Study of XXXXXX in Subjects with End-Stage Renal Disease Receiving Maintenance Hemodialysis.

June 2009-April 2010: An Open Label, Randomized, Controlled, Parallel Group, Phase III Study to Investigate the Safety and Efficacy of XXXXXX and XXXXX Together with a Randomized Placebo Controlled Double Blind XXXXX Comparison in Hemodialysis Patients with Hyperphosphatemia.

Extracurricular:  
Diabetes/ blood pressure/cholesterol screening  

09/1996 Organized first Annual Immunizations Fair at UT for  
Children and adults  

11/1996 Good Neighbor Clinic- Safety and health awareness  

05/1992 – 08/1993 Hermann Hospital – Volunteer in ER  

09/1991-09/1993 La Vang Church- Assistant Vietnamese Teacher  

PROFESSIONAL EXPERIENCE

2017 – Present  Chief Medical Informatics Officer  Fort Worth, TX
JPS Health Network
John Peter Smith Hospital
Acclaim Physician Group

2011 – Present  Assistant Professor and Chief of Hand Surgery  Fort Worth, TX
Department of Orthopaedic Surgery
Division of Hand, Upper Extremity and Microvascular Surgery
Acclaim Physician Group - John Peter Smith Hospital Network
University of North Texas Health Science Center

Principle Duties:
- Manage the Hand and Upper Extremity Surgery needs of UNTHSC and JPS Health Network, including Fort Worth’s only Level 1 Trauma Center at JPS Hospital
- Coordinate Hand Surgery Education for the JPS Orthopaedic Residency Program
- Chair, JPS Health Network Medical Records Committee
- Member, JPS Health Network Medical Executive Committee

2010 – 2011  Fellow, Orthopaedic Hand Surgery  Baltimore, MD
Curtis National Hand Center – Union Memorial Hospital

2006 – 2010  Resident, Orthopaedic Surgery  San Diego, CA
University of California, San Diego Medical Center

2005 – 2006  Research Fellow  San Diego, CA
Department of Orthopaedic Surgery
University of California, San Diego
Tissue and Cartilage Engineering Laboratory
“Characterization of the intrinsic properties of rotator cuff tenocytes”

2004 – 2005  Surgical Intern  San Diego, CA
Department of General Surgery
University of California, San Diego

EDUCATION

Medical:
1996 – 2004  M.D.  University of Texas Southwestern Medical Center  Dallas, TX

Graduate:
1997 – 2001  Ph.D.  University of Texas Southwestern Medical Center  Dallas, TX
Genetics and Development
Department of Molecular Biology and Oncology
Doctoral Thesis “Serothropenicic and G-Protein mediated regulation of the C. elegans pharyngeal muscle action potential”

Undergraduate:
1992 – 1996  B.S.  University of California, Riverside  Riverside, CA
Majors: Biology and Psychology
Summa cum laude

RESEARCH EXPERIENCE

2005 – 2006  Research Fellow  Department of Orthopaedic Surgery
University of California, San Diego
Tissue and Cartilage Engineering Laboratory
“Characterization of the intrinsic properties of rotator cuff tenocytes”
Advisors: David Amiel, Ph.D. and Robert Pedowitz, M.D. Ph.D.

2003 – 2004  Research Assistant
Department of Orthopaedic Surgery
University of Texas Southwestern Medical Center at Dallas
“Post-traumatic stress disorder symptoms in pediatric orthopaedic trauma patients”
Advisor: Adam Starr, M.D.

Graduate Student, Genetics and Development
Department of Molecular Biology and Oncology
University of Texas Southwestern Medical Center at Dallas
“Serotonergic and G-protein mediated regulation of the C. elegans pharyngeal muscle action potential”
Advisor: Leon Avery, Ph.D.

Resea...

TEACHING EXPERIENCE

2012 – Current  
**Musculoskeletal Course Instructor – Hand and Upper Extremity**  
University of North Texas Health Science Center  
School of Health Professions

2011 – Current  
**Director – Hand and Upper Extremity Curriculum**  
JPS Health Network Orthopaedic Residency Program

2003 – 2013  
**Genetics Course Director / Instructor**  
Falcon Reviews / Becker Professional Education  
American University of Antigua College of Medicine

1997 – 1999  
**MCAT Course Instructor / Course Development / Marketing Coordinator**  
Kaplan Educational Centers – Dallas, Texas

1997  
**Neuroanatomy Course Instructor**  
University of Texas Southwestern Medical Center at Dallas  
Department of Neurology

1995 – 1996  
**Teaching Assistant – Medical Microbiology**  
University of California, Riverside  
Department of Microbiology

1995 – 1996  
**Teaching Assistant – Medical Embryology**  
University of California, Riverside  
Department of Biology

LICENSURE

2011 – present  
**Texas**  
N9755

2006 - present  
**California**  
A95129

2010 - present  
**Maryland**  
D0070392 (Inactive)

BOARD CERTIFICATION

American Board of Orthopaedic Surgery  
Certificate of Added Qualifications (CAQ) in Hand Surgery

PROFESSIONAL ORGANIZATIONS

College of Healthcare Information Management Executives (CHIME)  
American Medical Informatics Association (AMIA)  
Association of Medical Directors of Information Systems (AMDIS)  
American Academy of Orthopaedic Surgeons (AAOS)  
American Society for Surgery of the Hand (ASSH)  
Member – Physician Coding and Reimbursement Committee  
Member – Resident Education Committee

AWARDS AND RECOGNITION

Physician of the Year – JPS Health Network 2016  
Wm. Bart Pate, M.D.
15 Buccaneer Ct.
Fort Worth, TX 76179
Home 817 236-4224
Pager 817 930-7206
Cell 817 989-7777
Email wpate@jpshealth.org

Business:
Department of Family and Community Medicine
Family Practice Residency Program 817 927-1200
John Peter Smith Hospital
1500 S. Main Street
Fort Worth, Texas 76104

Education/Training:
Texas
1969-70 U.S. Army - Battalion Surgeon 1/32nd - 7th Division, Korea
1968-69 Internship - R.E. Thomason General Hospital - El Paso, Texas
1968 M.D. University of Texas Medical Branch - Galveston
1964 B.A. University of Texas - Austin, Texas

Work Experience:
2004 - Present Quality Assurance and Utilization Review - JPS
Co-Director of Utilization Management - JPS
1998 - present Associate Professor - Family Practice Residency Program
John Peter Smith Hospital, Fort Worth, Texas
1990 - present Attending Staff for Inpatient Medicine / FP services at JPS
1990 - 1997 Clinical Assistant Professor - Family Practice Residency
John Peter Smith Hospital, Fort Worth, Texas
2002 - 2005 Emergency Medicine - Southwest Medical Associates
1990-1996 Emergency Medicine - EM Care
1971-90 Active Medical Staff - Big Bend Memorial Hospital
Alpine, Texas
1971-90 Women's Health, Surgery, and Emergency Medicine
Sports Medicine, University Health, AME, etc
1971-90 Private Practice - Alpine, Texas
1975-76 Weekend Emergency Department Medicine
Providence Memorial Hospital and Sun Towers Hospital
El Paso, Texas
Professional Affiliations:

2008 - present  Assistant Professor - Texas A&M Health Science Center
1998 - Present  Associate Professor - U.T. Southwestern Medical School
1990-1997  Clinical Assistant Professor - U.T. Southwestern Medical School
Family Practice Residency at John Peter Smith Hospital Fort Worth, Texas
1975-90  Associate Clinical Professor - Texas Tech University School of Medicine
1972 - 2015  American Board of Family Practice (Certification and Recertification)
2005  Recertification
1998  Recertified - AAFP
1992  Recertified - AAFP
1985  Recertified - AAFP
1979  Recertified - AAFP
1973  Fellow, American Academy of Family Physicians
1973  Board certified - American Board of Family Practice
Diplomate, American Board of Family Practice

Professional Organizations:
American Board of Quality Assurance and Utilization Review Physicians
Texas OB/GYN Association - 1985 - Present
American Fertility Society
Texas Medical Association - 1971-Present
American Academy of Family Physicians - 1972 - present
Texas Academy of Family Physicians - 1972 - present
Texas Medical Association - 1971 - present
Tarrant County Medical Society July 1990 - present
Tarrant County Academy of Family Physicians July 1990 - present
Texas Rural Health Association Board of Directors 1997-1998
American Board of Quality Assurance and Utilization Review Physicians (ABQAURP)

Licensure and Certifications:
Texas State Board of Medical Examiners - Lic. No. D-5148
ACLS, 2006
ALSO Director, 1998 - 2009; Advisory Faculty 2004 - present
ATLS-1998
CDLS - 2004
ABQAURP - 2004 - present (CHCQM in Managed Care, Case Management, and Patient Safety / Risk Management)
Credentials:

Family Medicine
OB-Gyn - plus post partum BTL's & Cone Biopsies
Surgery to include Breast Biopsies

Academic Interests:

Teaching Medical Students & Resident Physicians
Encouraging all those interested in a medical career
OB/GYN & Surgery
Rural Medicine Program for JPS
Women's Health
Breast Cancer
Diagnosis and Treatment of Abnormal Pap Smears
Pharmacy & Therapeutics Committee 1991-1995
Program Coordinator for GI Symposium, Nov. 1991
Chairman of The Scope of Services and Care Committee - JPS - 2005 - present
Director of Utilization Management - JPS - 2005 - present
Medical Executive Committee - JPS - 2005 - present

Academic Interests (Cont.):

Medical Education (for students, residents and practicing doctors and nurses)

Quality Assurance and Utilization Review - JPS - 2004 to present
QA and UR - Alpine, Texas 1971 - 1990
JPS Grand Rounds @ Snowmass 1997
JPS Grand Rounds @ Key West 1998
JPS Grand Rounds @ Breckenridge 1999
JPS Grand Rounds @ Breckenridge 2000
JPS Grand Rounds @ Copper Mountain 2001
JPS Grand Rounds @ Breckenridge 2003
JPS Grand Rounds Cruise to Cozumel - 2006
Advanced Life Support Obstetrics (ALSO) 1998 - present (yearly)
Fundamentals of Critical Care Medicine (FCCM)
Advanced Cardiac Life Support (ACLS)

Offices and Honors:

Past President District I - TMA
Past President TAFP - Permian Basin Chapter
Past President - Big Bend Counties Medical Society
Chief of Staff - Brewster Memorial Hospital - 4 terms
Board Member - Big Bend Hospital 1981-89
Board Member BBRH Endowment Fund
Board Member - MedNet Project - Satellite/Rural Health Project Texas Tech Medical School 1989
Organizational Director of Medical Meeting - TAFP Annual Seminar (10 years)
Board Member for Texas Rural Health Association, 1994-1998

Hospital Privileges:

John Peter Smith Hospital (Active)

Lectures and Presentations:

University of Texas Southwestern (2-3 X yearly for last several years)
  Abdominal Pain
  Gyn Procedures for Family Medicine Board Review Course
Texas Academy of Family Physicians
  Gyn Procedures Workshop
National Rural Health Association (2001)
  Domestic Violence in Rural Settings
  Alternative Hormone Replacement Therapy
John Peter Smith Hospital Department of Family Medicine
  Abnormal Paps, Prenatal Care, One Day at JPS, various OB / Gyn topics
  Breast Problems, Breast Cancer and Breast Surgery
  Ethics
  ERT & HRT
  Vasectomy
  Abnormal Paps / Colposcopy / Leep / CKC
  Plus many more I did not record here.

Appointments:

  Associate Professor  1997 - present
  Director Rural Track  1994 - present
  Director of Utilization Management - John Peter Smith Hospital - 2005 - present
  John Peter Smith Hospital Family Medicine Alumni Foundation - Board Member - 2005 - Present

Memberships:

  Texas OB/Gyn Association
  TMA, TCMS
  AAFP, TAFP, TCAFP (excluding 2011)
  Texas Rural Health Association Board of Directors - 1994-1998
  Wilderness Medical Society (Instructor)
  ABQAURP, AHRQ
Current Committee Appointments (2005 - 2006)

John Peter Smith Hospital
  Medical Executive Committee (Utilization Mgmt & Quality)
  Quality Improvement Committee, Medical Records Committee
  Case Management Committee
  Scope of Services Committee
  Chairs Committee
  Multidisciplinary Cancer Committee

Department of Family Medicine - JPS
  OB Committee
  Curriculum Committee,
  Quality / Utilization Management Committee

Other Pertinent Qualifications:

  Team Physician - Alpine High School, Sanderson ISD, Sul Ross State University -
  various years 1971 - 1990
  NAUI Scuba Diving Certified - 1972 - Instructor in Medical Aspects of Scuba
  Diving
  Ham Radio Operators License - Technician 1985 - WD5AAG
  Private Pilot License - 1975
    Instrument & Commercial Rating 1977
  Expert Skier (but now just OK)
  Rancher, carpenter, electrician and plumber
  Grandfather in training

WBP 8-2011
CURRICULUM VITAE

NAME: RITA M. PATTERSON

DATE: 21 March, 2017

I. PRESENT POSITION AND ADDRESS:

Professor with Tenure
University of North Texas Health Science Center
College of Osteopathic Medicine:
  Department of Manipulative Medicine, Research Division Director
  OMM Graduate Advisor
Graduate School of Biomedical Sciences:
  Graduate Faculty, Category III

Rita M. Patterson, Ph.D.
University of North Texas Health Science Center
OMM
3500 Camp Bowie Blvd. CBH 403
Fort Worth, TX 76107
817-735-2318
rita.patterson@unthsc.edu

Citizenship: United States of America

II. EDUCATION

September 1991-December 1995
The University of Texas Medical Branch, Galveston, TX
Preventative Medicine and Community Health Math Modeling.
Degree: Ph.D. in Biomedical Sciences Dissertation Title: The Efficacy of Dynamic External Fixation for Treatment of Distal Radius Fractures Using 3D Kinematic Analysis.

September 1983-August 1986
Texas A&M University, College Station, TX
Degree: Master of Engineering in Bioengineering

September 1985-August 1986
Bioengineering Internship
Texas Scottish Rite Hospital for Crippled Children Dallas, TX

September 1980-May 1983
Baylor University, Waco, TX
Degree: B.S. 1984 Engineering Sciences
CONTINUING EDUCATION/ADVANCED TRAINING:

January 2000-June 2000  Fellowship in Health Informatics and Computer-based Education (10-20% per week).

January 2000-June 2000  Member of a development team investigating theoretical approaches to education using computers, by developing educational applications in three areas: whole web based courses, multimedia instructional modules, and problem-based case simulations.

May 6-7, 1999  Teaching Improvement Process System, A Workshop for Health Science Educators and Instructors, UTMB, Galveston, TX.

1999-2001  U.T.M.B. Education Scholars Program (3 hours per month for 18 months).

2002  Scientific Writing for Clinical Research, 8 hour course given by Constance Baldwin.

2000-2007  Statistical consultant for faculty and resident research projects in the department of Orthopaedics and Rehabilitation.

1995-2007  Director for all Motion Analysis (kinematics) projects in the department of Orthopaedics and Rehabilitation and consultant to the Department of Physical Therapy, SAHS for their motion analysis system and projects.

2010-2011  UNTHSC, Management Leadership Development program.


III. PROFESSIONAL AND TEACHING EXPERIENCE

Professor with tenure  Sept. 1, 2007 - Present
University of North Texas Health Science Center
Department of Family and Osteopathic Manipulative Medicine (OMM)
Graduate School of Biomedical Sciences

OMM, Research Division Director  Nov. 1, 2010 - Present
OMM, Graduate Advisor  Nov. 1, 2012 – Present
Chair, Intellectual Property Advisory Committee (IPAC)  Sept. 1, 2013 - Present
Adjunct Professor
Physical Medicine Institute
Fort Worth, TX

Adjunct Professor
University of North Texas
Biomedical Engineering
Denton, TX

Adjunct Professor
The University of Texas Medical Branch
Department of Orthopaedic Surgery & Rehabilitation
Galveston, TX

Adjunct Professor
Southern Methodist University
Department of Applied Physiology and Wellness
Dallas, TX

Associate Professor & Deputy Director, Biomechanics,
The University of Texas Medical Branch
Department of Orthopaedic Surgery & Rehabilitation
Division of Research
Galveston, TX

Associate Member, of the Graduate Faculty,
The University of Texas Medical Branch
Graduate School of Biomedical Sciences
Galveston, TX

Professor, School of Allied Health Sciences
Division of Rehabilitation Sciences

Adjunct Professor, Biomedical Engineering,
Texas A&M University
College Station, TX

Statistical Consultant
Department of Orthopaedics and Rehabilitation faculty and residents
The University of Texas Medical Branch
Department of Orthopaedic Surgery & Rehabilitation
Galveston, TX
Curriculum Vitae, Rita M. Patterson, Ph.D.

**Assistant Professor & Deputy Director, Biomechanics,**
The University of Texas Medical Branch
Department of Orthopaedic Surgery & Rehabilitation
Division of Research
Galveston, TX  
**Assistant Professor & Deputy Director, Biomechanics,**
The University of Texas Medical Branch
Department of Orthopaedic Surgery & Rehabilitation
Division of Research
Galveston, TX  
**Biomedical Engineer & Deputy Director of the**
Orthopaedic Biomechanics Laboratory,
The University of Texas Medical Branch
Department of Orthopaedic Surgery & Rehabilitation
Galveston, TX  
**Researcher, Human Performance Laboratory**
Texas A&M University
College Station, TX
Investigation of electromyogram controlled systems,
and circuit fabrication and design.

**Biomedical engineering intern,**
Texas Scottish Rite Hospital for Crippled Children, Dallas, TX
Performed clinical and technical measurements of
kinematics in the gait lab, tens units in the scoliosis clinic,
evoked potentials in the operating room and strength in
muscular dystrophy children.

**IV. HONORS:**

**Research:**

- **September 2014**: Thranhardt Lecture Award from the American Orthotics & Prosthetics Association for our project titled “Functional Performance and Evaluation of Dynamic Response Feet”

- **October 2014**: Reviewer’s choice award (top 5% of posters) for poster titled, Functional Task Analysis for Human-Machine Performance Limits, at the Biomedical Engineering Society, San Antonio, TX, October 22-25, 2014.

- **April 2013**: Second place award for best Master student in the graduate school: Bens, S., Mason, D., Bugnariu, N., Longnecker, R., Carr, C., Patterson, R. Osteopathic Management of Leg Length Inequality with Heel Lift Therapy: Analysis of Altered Gait
Curriculum Vitae, Rita M. Patterson, Ph.D.


April 2012  

April 2012  

September 2006  

June 2005  
Mentored, Summer Medical Student Michael Nash who received an award for the Best Family Medicine/Primary Care Poster at the Summer Medical Student Poster Competition: titled A Comparative Analysis of Extrinsic Abdominal Muscle Activity During Exercise Using Surface Electromyography

September 2004  

September 2003  

October 2002  
Award for Best Layout and Presentation for Scientific exhibit entitled, Real Time Computer Simulation and Cadaver Analysis as a Basis for Devising Novel Procedures in Hand Surgery at the 57th Annual Meeting of the American Society for Surgery of the Hand in Phoenix, Arizona.
Curriculum Vitae, Rita M. Patterson, Ph.D.

October 2000  

November 2000  

September 2000  

June 1999  
Mentored, Summer Medical Student Robert Ordonez who received an award for the Summer Medical Student Poster Competition: Novice Investigator for Posterior Tibial Tendon MRI Study.

September 1999  

January 1998  
Outstanding Young Scientist Award in recognition of professional achievements and contributions to research and education in biomedical Engineering from the Houston Society for Engineering in Medicine and Biology, Houston, TX.

November 1997  
Co-author on a paper selected as a finalist in the student paper competition, master's level A Three Dimensional Computer Simulation for Interactive Adjustment of Multiple Axes of Motion for the Upper Extremity, International Mechanical Engineering Congress and Expo., Dallas, TX.
Curriculum Vitae, Rita M. Patterson, Ph.D.

September 1997
Award for Best Scientific Content for The Scientific Exhibit. Yamaguchi, S.; Beppu, M.; Viegas, S.F.; Patterson, R.M.; The pisotriquetral joint: Anatomy and kinematics. A joint collaboration with Marianna University Hospital, Tokyo JAPAN. 52nd Annual Meeting of the American Society for Surgery of the Hand in Denver, CO.

April 18, 1997
Award for Clinical Research, from the American Medical Association to student Richard Garza for the oral presentation. Garza, R.; Esch, O.; Mathru, M.; Patterson, R.M.; Brunder, D., Hillman, G.; Willcott, M.W.; VanSonnenberg, E. Comparison of computer aided 3-d reconstructions and traditional 2-d films of upper airway mr images in healthy and anesthetized volunteers. The National Student Research Forum, Galveston, TX.

October 1994
Award for Best Scientific Content for the Scientific Exhibit. Nicodemus, C.L.; Viegas, S.F.; Elder, K.W.; Patterson, R.M.; Kinematic analysis and dynamic visualization of the carpus. 49th Annual Meeting of the American Society for Surgery of the Hand, Cincinnati, OH.

Professional:


2012 American Society of Mechanical Engineer dedicated service award. This award for service is given to only 40 individuals in a year from over 120,000 members in 150 countries worldwide.

2011 Completed the UNTHSC Management Development Program. Six months with approximately 24 hours contact time.

2007 Inducted as a Fellow of the American Society of Mechanical Engineering (ASME).

2005 Special Guest of the School of Allied Health at the Dec. 2005 Graduation.

2005 Academic Keys Who's Who in Medical Sciences Education (WWMSE).

2003 Appointed Faculty member in the Division of Rehabilitation Sciences, School of Allied Health Sciences.

1999 Appointed Graduate School Faculty Member.
Curriculum Vitae, Rita M. Patterson, Ph.D.

1998 Outstanding Young Scientist Award from the Houston Society for Engineering in Medicine and Biology, Houston, TX.


1997 Houston Society for Engineering in Medicine and Biology, H.S.E.M.B., Citation for Outstanding Service.


1994 2,000 Notable Women, by the American Biographical Institute, 6th edition.

V. TEACHING RESPONSIBILITIES/ADVISOR/MENTORING

UNTHSC – Fort Worth

2014 Biological Issues in Autism (3 semester hour course) team taught with 2 other faculty, UNT College of Education.

2014-present Basic Biomechanics (2 semester hour course) in the Structural Anatomy and Rehabilitation Sciences Graduate program, UNTHSC Graduate School.

2012-present Biomechanics and Research design, UNTHSC Sports Medicine Fellowship

2011 Biomechanics and Kinematics to the first year Doctor of Physical Therapy students (DPT), 6 hours of lecture.

2011 Biomechanics series of lectures (7, one hour lectures) to first year TCOM students in OMM curriculum.

2010 Biomechanics lecture to 2nd year TCOM students in OMM curriculum.

University of North Texas – Denton, TX

2017 Biomechanics, 3 semester hour required upper level course.

Southern Methodist University

Fall 2014 Biomechanics (4 hour semester course) with Peter Weyand at SMU School of Education & Human Development.

Spring 2015 Biomechanics (3 hour semester course) at SMU School of Education & Human Development, sports management program.

Fall 2015-2016 Anatomy lab and kinematics lectures with Peter Weyand at SMU School of Education & Human Development.
Curriculum Vitae, Rita M. Patterson, Ph.D.

Other
2003-2005 UTMB, Co-Director, Medical Student Summer Research Program (MSSRP).
1987-2006 UTMB, Faculty mentor/host for the MSSRP.
2002-2006 UTMB, Course director for 3 hour, core course for the PMCH rehabilitation curriculum titled Introduction to Rehabilitation Science and Engineering.
1996-2006 UTMB, Guest lecturer for 1st year physical therapy students in the UTMB school of Allied Health Sciences.
1999-2001 UTMB Education Scholars Program (3 hours per month for 18 months)
2003-2004 UTMB, CVP, Cardiovascular Pulmonary Course Facilitator.
1995-2006 UTMB, Women's Mentoring Program.
1998 UTMB, Practice of Medicine Course Facilitator.
1998 UTMB, Medical Student Mentoring Program.
1996-1999 UTMB, ILT, Faculty Participant, Interactive Curriculum Evaluation Exercise

Supervision

Physician Research Fellows:

John Carel Goslings, M.D., Ph.D., Dutch, Surgery Resident,
1998 Kinematics of the flexafix external wrist fixator, Ph.D. Thesis, Academic Medical Center, Department of Surgery, Amsterdam, the Netherlands.
Resulted in 1 publication and 2 presentations:
Goslings, J.C.; DaSilva, M.F.; Viegas, S.F.; Perren, S.M.; Patterson, R.M.

Oct. 1997-
Satoshi Yamaguchi, M.D., Orthopaedic Surgeon, Dept. of Orthopaedic Surg,
Oct. 1998 St. Marianna University School of Medicine, Kawasaki, Japan.
Resulted in 2 publications and 11 presentations:

July 1998-
Curriculum Vitae, Rita M. Patterson, Ph.D.

Resulted in 5 publications and 2 presentations:


Sept. 1998-Orthopaedic March 2000

Koji Nakamura, M.D., Japanese Orthopaedic Surgeon Department of Surgery, St. Marianna University School of Medicine, Kawasaki, Japan.

Resulted in 5 publications and 10 presentations:


Sept. 1999  Maged El-Shennway, M.D., Egyptian Orthopaedic Sept. 2001 Surgery, Mansoura University Hospital, El-Mansoura, Egypt.

Resulted in 1 publication and 2 presentations:
Curriculum Vitae, Rita M. Patterson, Ph.D.


Mar. 2001-April 2002
Hiromichi Mitsuyasu, M.D., Japanese Orthopaedic Surgeon, Dept. of Orthopaedic Surgery Kyushu University, Fukuoka, Japan.
Resulted in 4 Publications and 6 presentations:

April 2000-Nov. 2000
Denju Osada, M.D., Japanese Orthopaedic Surgeon, Dokkyo University School of Medicine, Tochigi, Japan.
Resulted in 1 publication and 1 presentation:

April 2001-Feb. 2003
Ryo Yoshida, M.D., Japanese Orthopaedic Surgeon, Dept. of Orthopaedic Surgery, St. Marianna University School of Medicine, Kawasaki, Japan.
Resulted in 2 presentations and 3 manuscripts.

July 2002-Sept. 2003
Soya Nagao, M.D., Japanese Orthopaedic Surgeon, Dept. of Orthopaedic Surgery Nihon Univ. School of Medicine, Tokyo, Japan.
Curriculum Vitae, Rita M. Patterson, Ph.D.
Resulted in 1 presentation and 1 publication.

Resulted in 2 presentations and 4 planned manuscripts to date
Koh, S.; Patterson, R.M.; Morris, R.P.; Viegas, S.F. Comparison of different distal radius fracture volar fixation plates: A biomechanical study.
Koh, S.; Patterson, R.M.; Viegas, S.F. The relationship of the brachioradialis and first dorsal compartment with distal radius fracture patterns and fixation-an anatomic study
Koh, S.; Patterson, R.M.; Buford, W.L., Jr.; Viegas, S.F. Biomechanical Analysis of the contribution of intrinsic muscle function to PIP/DIP joints of the index finger.
Koh, S.; Patterson, R.M.; Buford, W.L., Jr.; Viegas, S.F. Biomechanical analysis of the contribution of intrinsic muscle function to MCP/PIP/DIP joints of the 2nd-5th digits.

Jan. 28, 2004- Jianli Bu, M.D., Chinese Orthopaedic Surgeon,, Department of Orthopaedics, Dr. July 16, 2005 Bethune International Peace Hospital hebei Province, China.
Bu, J.; Patterson, R.M.; Morris, R.M.; Yang, J.; Viegas, S.F. The effect of radial shortening on wrist joint mechanics compared with normally occurring differences in ulnar variance.

July 12, 2004- Akira Iwamoto, M.D., Japanese Orthopaedic Surgeon, Dokkyo Univ. School of Medicine, Tochigi, Japan.
Iwamoto, A.; Patterson, R.M.; Viegas, S.F. Anatomy and biomechanics of the dorsal extensor retinacula.


May 16, 2005-Geetinder Goyal, M.D., Indian Physician, Punjab University, Chandigarah, India
Curriculum Vitae, Rita M. Patterson, Ph.D.
May 30, 2006
Virtual Reality in brain injury.

July 12, 2006-Yazaki, Naoya, M.D., Japanese Orthopaedic Surgeon, Department of Hand
Surgery, Graduate school of Medicine, Nagoya University, Nagoya, Aichi,
Japan, Motion analysis in dart thrower's motion. Variability in Human Capitate
Morphology in the Wrist.

July 14, 2006-Vallurupalli, Santaram, M.D. Indian Orthopaedic Surgeon, North West Regional
Health Authority, Trinidad and Tobago, Fracture healing, bone, foot and ankle.

Ph.D. Research Fellows:

October 2004- Archana Sangole, Ph.D.
2006
Publications:
Sangole, A.P.; Abreu, B.C.; Patterson, R.M.; Huddleston, N.; Ottenbacher, K.J.
Postural stability in brain-injured adult males during functional reaching, Human
Movement Science (Revised and re-submitted in May 2004).

Patterson, R.M.; Sangole, A.; Buford, W.L., Jr.; Viegas, S.F.; Werner, F.; Green,
J.; Short, W. Biomechanics of the wrist. 2\textsuperscript{nd} edition. Cooney, W. editor. The
Wrist: Diagnosis and operative treatment Mosby, 2005.

Buford, W.L., Jr.; Viegas, S.F.; Patterson R.M.; Ottenbacher, K.J. Finger
coordination in prehension after brain injury submitted to the Motor Control
Journal.

Sangole, A.P.; Abreu, B.C.; Buford, W.L., Jr.; Viegas, S.F.; Patterson, R.M.;
Ottenbacher, K.J. Grasping postural alignment after brain injury. submitted to
IEEE Transactions in Rehabilitation.

Presentations:
Sangole, A.P.; Nakamura, T.; Patterson, R.M.; Abreu, B.C.; Ottenbacher, K.J.
Cluster analysis to identify critical motor function outcomes, American Congress

Sangole, A. P.; Abreu, B.C.; Buford, W.L., Jr.; Patterson, R.M.; Viegas, S.F.;
Ottenbacher, K.J. Patterns of hand motor dysfunction after brain injury. Joint
meeting of the American and International Societies of Biomechanics,
Cleveland, OH, July 31-August 5, 2005. (Poster)

April 2013
Carlos Cervantes, PhD, CAPR, Physical activity and obesity-related health
disparities in adults with disabilities in Central Texas. Chair, Department of
Kinesiology, Huston-Tillotson University.
June 2013

Kunal Singhal, Ph.D.

Singhal, K. Bugnariu, N., and Patterson, R.M., Methodological consideration for application of Multi-Scale Entropy on Center of Pressure data from children with Autism Spectrum Disorder- A Pilot Study, South Central American Society of Biomechanics, Dallas, TX 2014.

Ph.D. Students (Graduate School of Biomedical Sciences):

1998

Takayuki Nakamura, GSBS, P.M.C.H. UTMB (graduation Dec. 2004)

Publications:


Grant awarded for dissertation research:

Presentations:


Curriculum Vitae, Rita M. Patterson, Ph.D.

2014  Joe Stanford, UTA Ph.D. Student with Dan Popa –

2015  Oguz Yetkin, UTA Ph.D. Student with Dan Popa –

2016  Venkata Edara, Cell Biology, Immunology and Microbiology. University Member

2016  Bing “Sunny” Song, Molecular Genetics, University Member

DO PHD students:

2010  Barrett Cromeens - Ligament and articular surface anatomic variability in the hindfoot.
2013 - present  Addison Wood – Patellar tracking.

Residents

Orthopaedic Residents

1989  Reynold Rimoldi-Intramedullary wrist fixation.


1996  Dong Nguyen-Moment arms of muscles that cross the knee.


1997  Greg Peare-Moment arms of muscles that cross the knee.
Curriculum Vitae, Rita M. Patterson, Ph.D.

2007  Sean Burns - Variability in Human Capitate Morphology in the Wrist.  
2007 Texas Orthopaedic Association Annual Meeting, May 11th-13th 
Austin, TX.

OMM Residents

2010  Daniel Lopez – Balance  
Lopez D, King HH, Knebl JA, Kosmopoulos V, Collins D, Patterson RM.  

2011  Kara Mintier – Shoulder Torque Range of Motion

2012  Sarah James - Effect of age on performance of tasks with spatial conflict, Presented at RAD (UNTHSC Research Appreciation Day) and won two awards: TCOM General Resident Award and TCOM OMM-IM Korr PhD Memorial Award.

2012  Aaron Boone – Shoulder Torque Range of motion.

Master Students:

2013  Lindsay Appleby, MS in Clinical Research Management, “Maintaining Balance in Conditions of Sensory Conflict”

2013  Adrian Villarreal, MS in Clinical Research Management, “AUDITORY IMPAIRMENT AND FALLS: Investigating the link between hearing loss and balance among elderly individuals”.


2013-2015  Christina Ragland, Graduate Teaching Assistant, UNTHSC medical student Masters program. OMM effects on pulmonary function.

2015  Belinda Vo-Lee, MS in Clinical Research Management, “Study of Kinematics in Individuals with Autism Spectrum Disorder and Developmental Coordination Disorder”


Master of Science Graduate Engineers:

Jan.- Dec. 1993  David Pogue-T.A.M.U., Co-mentored with Steven F. Viegas, M.D.  
The Effects of Distal Radius Fracture Malunion on Wrist Joint Mechanics.  
Viegas, S.F.; Patterson, R.M.; Peterson, P.D.; Pogue, D.J.; Jenkins, D.K.; Sweo, T.D.; and Hokanson, J.A. The evaluation of the biomechanical efficacy of
Curriculum Vitae, Rita M. Patterson, Ph.D.


Dec. 2006 Larry Dan Varner, Master of Engineering, Texas A&M University. “Which is more economical, paying for the electricity to power a conventional compressor or decreasing the compressor efficiency of a combustion turbine to draw off a source of instrument air?”

Medical Students:

Research Rotations (1 month):

1991 David Jenkins-Fuji film analysis of contact areas in the radiocarpal joint.


1993-1994 Don Carlson-Knee Moment Arm Device and 3D Reconstruction From CT.
Curriculum Vitae, Rita M. Patterson, Ph.D.

1996 Kevin Nagamani-Skeletal Reconstruction From CT Images and Knee Mechanics.
1996 Doug Won-Knee Muscle Mechanics and 3D Motion Analysis.
1996 Kevin Nagamani-3D Reconstruction From CT Images of the Knee.
1996 Thanh Nguyen-STT Wrist Kinematics.
1998 Chad Dietrichs-STT Wrist Kinematics.
1998 Joel McFarland-DISI Wrist Kinematics.
1999 Paul Hume-Torque Range of Motion Device-Reliability Statistics.
2000 Tony Longo-Kinematics of the normal ankle and of the flatfoot.
2000 Tony Wright-Ankle Kinematics.
2000 Catherine R. Treadwell-Quantification of Femoral Surface Strain After Total Hip Arthroplasty.
2000 Kevin Charron-Torque Range of Motion.
2003 Justin A. Moorman, Torque Range of Motion.
2003 Julie L. Williams, Torque Range of Motion.
2005 Toribio T. Natividad, EMG Study.
2006 Dan Stahl, Dual plate fixation.
2008 Christie Peer Shanafelt, Hand grasping
2012 James Hall and Sarah Strot, Enhancing Ankle Functionality Status-Post Acute Inversion Injury Utilizing Osteopathic Manipulative Treatment.
2013 Asmani Patel, Retrospective Chart Review of Osteopathic Manipulative Treatment (OMT) in Hispanic Patients
2015 Austin Henke, Ocular Sports Medicine
2016 Chu Chia-Ye, Pseudo Systematic review of Soft Hand robotics.
2016 Nicolas Jordan, Honors project.
2017 Keithlee Dolinta,

Summer Research Program:
1987 John Roefs-Fuji Film Analysis of the Radio carpal Joint.
Viegas, S.F., Patterson, R.M., Tencer, A, Peterson, P., Roefs, J., and Choi, S.,
1988 Andy Tran-Strain Gauge Measurements of the Forearm.
1989 Thomas West-Cartilage Thickness in the Radio carpal Joint.
1990 Adolfo (Fito) Valde-Knee Contact Areas/Biomechanics.
Curriculum Vitae, Rita M. Patterson, Ph.D.

1992  David Beaird-3D Anatomy and Biomechanics of the Carpus.
        Viegas, S.F.; Patterson, R.M.; Ward, K.; Extrinsic wrist ligaments in the
1994  Todd Spencer- Biomechanics of External Fixation.
1996  Greg Parr- Forearm Kinematics.
1997  Thanh Nguyen- Motion Analysis of the Foot and Ankle.
1998  Homero Riva- Motion Analysis of Different Crutch Designs.
1999  Robert Rodone- Ankle Anatomy
1999  Richard Garza- Kinematics of the Normal and Flatfoot.
2004  Matt Brunson- Comparison of Lumbar Hyperextension and Squat Exercises
        Using Surface Electromyography: An Insight into Low Back Pain
        Rehabilitation/Prevention.
2005  Michael C. Nash- Analysis of Extrinsic Abdominal Muscle activity During
        Exercise Using Surface Electromyography, August 2005.
2005  Robert S. Marks- Clarifying Fundamental Biomechanics of Muscles in the Hand
        and the Effects of Rheumatoid Arthritis.
2005  Brandon O. Low- The dorsal Wrist: Function in the normal and Injured State.
2005  James K. Cooper- Intrinsic Muscle Contribution to Metacarpal Phalangeal Joint
        Moment at Digits Three, Four & Five.
2006  Socrates Britto, Gun shot severity and plate fixation. Funded through the
        Zimmer Summer internship Program.
2011  Ramond Barron, SMART summer Student, “Opening a Door into the Future:
        Assessing and retraining Arm Kinematics Using Virtual Reality”

Honors Program:
1999  Cristina Chong-Han.
2003  Justin Klimisch, B.S.

Undergraduate Summer Fellowships (3 months):
1995  Allison Etheridge- Correlation of Anatomical Dimensions With Derived Moment
        Armes The Knee, Louisiana Tech., University.
1997  Benjamin W. Kieke- Motion Analysis of the Knee Project, Analysis of M.R.I.
        Reconstructions of the Wrist, Texas A&M University.
1997  Sergio J. Campos- Motion Analysis of the Knee Project, Tracking Methods and
        Comparison With Potentiometric Measurement, Harvard University.
2002  Molly Videtto- Motion Analysis of the Knee, Analysis of Knee Axes of Rotation,
        Texas A&M University.
Curriculum Vitae, Rita M. Patterson, Ph.D.

High School Summer Fellowships (3 months):
1989 Chris Perez-Valley H.S., Cartilage Thickness in the Radiocarpal Joint.
1990 Aric Allen-Dickinson H.S., Fuji Film Analysis of Contact in the Radiocarpal Joint.
1991 Jun Lee-Fuji Film Analysis of VISI Instability in the Wrist.
1993 Melinda Esparza-Corpus Christi S. D., Repeatability of 3D Anatomy Derived From CT Scans.
1994 Adrian Tristan-Texas City H.S., Normative 3D Anatomy of the Carpus.
1995 Ken Fleischman-Ball H.S., Galveston, Detection of Femoral Surface Strain Contours Using the Photoelastic Method.
1996 Alan Chen-Clear Creek H.S., Scapho-Lunate Mechanics.
1999 Craig Wen-Computer Simulation Project.
2001 Mat Burnstien, Wrist crusher.
2002 Ajay Mody, Motion analysis of the upper extremity in normal and TLC clients. Ajay will be continuing this project as a High school science project.
2012 Erica Rodriguez, Upper extremity motion.
2012 Sawsan Abdulla, Falls prevention.
2013 Alisha Trevedi, Lower limb loss case report.

High School Research Projects:
The following Students have taken part in lab projects as part of the Science Honors Program at Ball H.S. (5 lab visits of at least 1 hr. under the guidance of research personnel):
1993 Scarlett Buford
1994 Anneke Post
1996 Dan Thorley
1996 Jennifer Cooney
1996 Mandy Pistone
2008 Syed Hossain, Radiocarpal Proximity maps

College Work-Study Program:
The following students have taken part in biomechanics lab projects under faculty guidance in
Curriculum Vitae, Rita M. Patterson, Ph.D.
conjunction with the college (Medical school and Allied Health) work-study program:

1987  John Roef-Medical Student
1990  Thomas West-Medical Student
1989-1990 Robert Foster-Medical Student


1991-1993 Stephen McNatt-Medical Student
1993  Kate Westmoreland-Medical Student
1993  James Duffy-Allied Health
1993  Michael Palm-Medical Student
1993-1994 Vincent Phan-Medical Student
1994  Ratesh Prasad-Medical Student
1994  Viet Tranh-Medical Student
1994-1995 Jose Vasconcelos-Allied Health
1994-1995 Steve Eggleston-Medical Student
1995  John Fowler-Medical Student
2001  Sciele Edozie-Medical Student
2011-2012 James McCain
2011-2012 David Cummings

VI. SERVICE

University

UNTHSC:
2015- Present Member TCOM P&T committee
2013 – present Member Research Advisory Committee
2009 - present Member and Chair of IPAC, Intellectual Property Advisory Committee
2014 – 2015 Member University of North Texas Information Services Shared Services Governance.
2010 - 2015 Member, Faculty Grievance and Appeal Committee
2007 - 2008 RADAR, Recruitment, Advancement, Development, and Retention of Women
2011  Member, adhoc University plagiarism Committee.
2009  OMM chair search committee
Curriculum Vitae, Rita M. Patterson, Ph.D.

2009-2011  
Member Dr. Hensel's DSMB (Data Safety Monitoring Board), Osteopathic Manipulative Medicine in pregnancy: Physiological and Clinical Effects (1K23ATT003304).

2008  
Faculty Interviewer, Medical School Applicants.

2008  
TCOM, ad hoc reviewer Promotion and Tenure Committee

2008  
Primary Care Research Institute HIT Professor Search Committee

UTMB:

1998-2001  
Core Committee for Support of Women Faculty and Administrators.

1996-2004  
Faculty Interviewer, Medical School Applicants.

1996-1999  
Member, Daniel L. Kemper Visiting Professorship Committee.

1997-1998  
President, Faculty Women's Caucus.

1998  
Subcommittee on Governance and Administration for the Liaison Committee on Medical Education (L.C.M.E.)

2001  
Year 3-4 medical school curriculum review task force.

2001  
Member of the search committee for new Physical Therapy dept. chair.

2002-2004  
Member of the Faculty Development Council

2000-2007  
Committee Member of (RAC) Research Advisory Committee.

2001-2007  
Treasurer, Faculty Women's Caucus.

2003-2007  
School of Allied Health Science, Deans Advisory Committee on Tenure, Appointment and Promotion (DACTAP)

2005  
School of Allied Health selection committee for the Seinsheimer rotating Professorship (Dean's committee)

2005-2006  
School of Medicine selection committee for the Kempner Endowed fund for postdoctoral fellowships.

1998  
Chair, Orthopaedics Research Task Force.

PROFESSIONAL SERVICE

Memberships

Orthopaedics:

I.W.I.W.-International Wrist Investigators Workshop (elected).

O.R.S.-Orthopaedic Research Society (elected).

Engineering:

ASME-American Society of Mechanical Engineers.

ASB-American Society of Biomechanics

I.E.E.E.-Institute of Electronic and Electrical Engineers.


W.E.S.T.-Texas A&M University Women's Mentor Program.

U.T.M.B.:
Curriculum Vitae, Rita M. Patterson, Ph.D.
Faculty Women's Caucus

Other:
Fort Worth Amputee Coalition
V.A.S.A. Order of America, Swedish Organization.
White Rose for Sigma Tau Gamma National Fraternity.

Offices held (activities)

Local:
2011 UNTHSC representative to UNT THECB (Texas Higher Educational Coordinating Board) application to start a Biomedical Engineering program in Denton.
2015 – present Member TCOM P&T committee
2011- 2013 Member Intellectual Property Advisory Committee (IPAC)
2013- present Chair of the Intellectual Property Advisory Committee (IPAC)
2011 – present OMM department Promotion and Tenure Committee (Chair)
2015 – present Family Medicine Search Committee Vice chair.
2011- present TPTF (Texas Physical Therapy Foundation) Member and grant reviewer.
1994 HSEMB Organizer, special session: Building Bridges for Women Between Academia and Industry.
1996 HSEMB Organizer, special session: Engineering Education Leadership: Opportunities and Responsibilities, with special guest Janie Fouke, Ph.D. from the National Science Foundation.
2013 - present Organizing committee, South Central American Society of Biomechanics.
2015 Co-Chair South Central American Society of Biomechanics conference March 6-7, 2015 Fort Worth, TX.

National:
2002 Theme organizer for the joint IEEE, EMBS/BMES meeting in Houston.
2002-2006 Advisory Board, Virginia Commonwealth University, Department of Biomedical Engineering.
2003-2006 Advisory Board, Baylor University, School of Engineering.
2016 SB3C (Summer Biomechanics, Bioengineering and Biotransport Conference) treasurer.
Curriculum Vitae, Rita M. Patterson, Ph.D.

International:

ASME:
1997-1998  ASME, Intern, Minority Leadership Program of the ASME Board on Minority and Women assigned to the Center for Research and Technology.
1998-2004  ASME, Member Center for Research and Technology Development.
1998-2000  ASME, Vice Chair BED Committee on Rehabilitation and Design.
2001-2003  ASME, Chair BED Committee on Rehabilitation and Design.
1999-2002  ASME, Chair for the Student paper Competition, Winter Annual meeting.
2005  Local Arrangements Chair, 2005 Summer Bioengineering Conference, Vail, CO.
2005-2008  ASME, Bioengineering Division Executive Committee member on Member Affairs.
2008  ASME, Bioengineering Division Executive Committee, Secretary Elect
2009  ASME, Bioengineering Division, Executive Committee, Secretary
2010  ASME, Bioengineering division Executive Committee Chair (highest administrative position in the division).
2011  ASME, Bioengineering Division, Summer Bioengineering past conference chair.
2011-2012  ASME, Bioengineering representative to the Basic Engineering group.
2013-2016  ASME, Bioengineering division treasurer.

IWIW:

CIVIC ACTIVITIES:

1997  Volunteer to answer questions from students during the National Science Foundation National Science and Technology Week.
1999  Science Fair judge.
2000  Volunteer for Introduce a Girl to Engineering during National Engineering week. Program included 250 girl scouts from the Houston area.
2013-present  Fort Worth Amputee Coalition.

VII. SCOLARLY ACTIVITY
Curriculum Vitae, Rita M. Patterson, Ph.D.

RESEARCH ACTIVITIES/INTERESTS:

Investigation of the biomechanics and kinematics of human joints as well as a multitude of other projects designed to increase knowledge about the human musculoskeletal system.

RESEARCH GRANTS and CONTRACTS FUNDED:

Principal Investigator:

1. December 2016, $65,345, Patterson, RM, and Bugnariu, N, Human Movement Performance Laboratory Equipment Upgrade, UNTHSC Joint Seed Program for New Instrumentation/Critical Resources.


4. 03/01/2014 – 08/31/2014, $9,825, Use of a Torque Range of Motion Device to Teach evaluation of Somatic Dysfunction, Patterson, RM, PI, Mason, D, Collins, V, and Kominsky, Co-I’s, 2014 UNTHSC Innovations in Teaching Using Technology Seed Grant.

5. 01/01/2010 – 12/31/2010, $20,000, Patterson, R.M., P.I., 2010 Summer Bioengineering Conference, National Science Foundation conference grant, CBET 1004847.

6. 01/01/2010 – 12/31/2010, $13,000, Patterson, R.M., P.I., 2010 Summer Bioengineering Conference, NIH, NIBIB, NIAMS R13 conference grant, R13 EB011876-01.


Curriculum Vitae, Rita M. Patterson, Ph.D.


12. 01 March 2001 through 30 April 2002, $10,000, Kinematic Analysis of the Normal and Flatfoot Deformity, AOFAS, The American Orthopaedic Foot and Ankle Society.


**Collaborator/Co-investigator:**

1. 09/01/2016 – 08/31/2018, $149,952.60, Hensel, K. PI, Patterson, RM, Papa, E, Bugnarius, N Co-I’s, Effects of OMT on Gait Kinematics and Postural Control in Parkinson Disease, American Osteopathic Association.

2. Summer 2016, $1,000, Summer Medical student Research Fellow Award, Chia-Ye Chu and mentor RM Patterson, UNTHSC internal program.


5. 03/2015, $2,000, Yavuz, M., and Patterson, RM, South Central American Society of Biomechanics conference Grant, American Society of Biomechanics.


10. September 1, 2012 – August 31, 2013, $100,000, Bugnariu, N., PI, Patterson, R.M., Co-PI, Thibodeau, L. (UTD), Roeser, C. (UTD), Wilson, P. (UTD), *Good hearing, steady feet - Developing auditory devices* that improve hearing and decrease the risk for falls, Texas Medical Research Collaborative (TxCRC). (No Cost extension 2013)

11. 07/01/2011 – 06/30/2012, $20,000, Connors, M., PI, Patterson, R.M. Co-I, Holmes, C. Co-I, Stiffness Evaluation and Treatment for Shoulder Disability, UNTHSC seed grant.


Curriculum Vitae, Rita M. Patterson, Ph.D.


19. 01 September 1996-31 August 1999, $204,879, including equipment valued @ $136,000, W.L. Buford, Jr., P.I., and Ivey, F. Marty, Co-P.I., Motion Analysis of the Knee, DePuy, Incorporated.


24. 01 January 1994-31 December 1999, $111,464, Amended to extend the award through 1999 (received on July 24, 1996) an additional $200,202, W.L. Buford, Jr. and F. Marty, Ivey, Mechanics of Muscles at the Knee, Sulzer Orthopaedics, Incorporated.

Grants Submitted/Pending:

Invited Presentations:
Local and State
2. Presented, Wrist image analysis, solid modeling, and its use in diagnosing carpal instabilities. The 1st World Congress on Computational Medicine, Public Health and Biotechnology, Austin, TX, April 24-28, 1994.
3. Attended and served on a panel discussing Bioengineering to upper level students. The Women in Engineering Science and Technology Conference (WEST), College Station, TX, October 20-21, 1995.
4. Guest lecturer, Wrist Kinematics and its applications. Dr. Cathie Ambrose's Kinematics Course at Rice University, March 2, 1996.
5. Judged, The Annual University of Texas at Houston Health Science Center, Residents research day, June 22, 1996.
6. Served on a panel discussing, Bioengineering. to upper level students, The; Women in Engineering Science and Technology Conference (WEST), College Station, TX, October 11-12, 1996.
9. Served as a discussion panelist, Why a graduate degree? Upper level bioengineering students, Women in Engineering Science and Technology Conference (WEST), College Station, TX, October 24-25, 1997.
Curriculum Vitae, Rita M. Patterson, Ph.D.
23. Fort Worth Amputee Coalition, Feb, 10, 2016, Are you at Risk for Falls?”
24. DFW Health Entrepreneur Network (D-HEN), March 2, 2016 “Biomedical Research at UNTSHC and collaborations with the UNT Biomedical Engineering program”.
27. Institute for Healthy Aging Faculty Assembly, December 12, 2016, Evaluation of a more sensitive measure for prediction of changes in dynamic postural stability and fall risk.

National
29. CMC joints anatomy and kinematics, American Society for Surgery of the Hand (ASSH), First Place Scientific Exhibit, invited presenter, and American Association of Orthopaedic Surgeons (AAOS), First Place Scientific Exhibit, Dallas, TX, February 13-17,2002.
33. Keynote at the South Central Regional American Society of Biomechanics Meeting, April 12-13, 2013, Assessment of Human Performance Using a Virtual Reality System, Dallas, TX.
36. Dr. Patterson gave an invited presentation to the University of Kansas Mechanical engineering department March 28, 2016, “Wrist and Hand Functional Biomechanics”.
37. IEEE Case 2016, half day Workshop titled Automation in Assistive Healthcare, August 21, 2016. My presentation titled “Use of motion capture and virtual reality to provide efficacy for positive rehabilitation outcomes”.

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PUBLICATIONS

Full Length Papers:


Curriculum Vitae, Rita M. Patterson, Ph.D.


Curriculum Vitae, Rita M. Patterson, Ph.D.


68. Patterson, R.R., Longnecker, R., Kneble, J., and Bugnariu, N., Effect of Age on Performance of Task with Spatial Conflict, International Conference on Virtual Rehabilitation, Philadelphia, PA, August 26-29, 2013. (Full length paper)


Curriculum Vitae, Rita M. Patterson, Ph.D.


Book Chapters:


Full Length Abstract Papers


Published (Peer Review) Proceedings:


Curriculum Vitae, Rita M. Patterson, Ph.D.


20. Viegas, S.F.; Patterson, R.M.; Peterson, P.D.; Pogue, D.J.; Jenkins, D.K.; Sweo, T.D.; Hokanson, J.A. The evaluation of the biomechanical efficacy of limited intercarpal fusions
Curriculum Vitae, Rita M. Patterson, Ph.D.


Curriculum Vitae, Rita M. Patterson, Ph.D.


Curriculum Vitae, Rita M. Patterson, Ph.D.

International Mechanical Engineering Congress and Exposition (ASME), Dallas, TX, Proceedings. pp. 147, 148; November 16-21, 1997.


Curriculum Vitae, Rita M. Patterson, Ph.D.


Curriculum Vitae, Rita M. Patterson, Ph.D.


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Curriculum Vitae, Rita M. Patterson, Ph.D.


97. Marion, R.; Niebuhr, B.; Patterson, R. Teaching basic research skills using a worldwide platform. Association of Schools of Allied Health Professions, October 2000.


Curriculum Vitae, Rita M. Patterson, Ph.D.

100. Nakamura, K.; Viegas, S.F.; Patterson, R.M.; et al. Three dimensional kinematics: Type I vs. type II lunate. 55th Annual Meeting of the ASSH, Seattle, WA, October 5-7, 2000. (Poster)


102. Nakamura, K.; Viegas, S.F.; Patterson, R.M.; et al. the difference angle between triquetrum/hamate (t/h) motion and lunate/capitate (L/C) Motion of type I vs. type II lunate. 55th Annual Meeting of the ASSH, Seattle, WA, October 5-7, 2000. (Poster)


111. Buford, W.L., Jr.; Shah, M.; Andersen, C.R.; Elder, K.S.; Patterson, R.M.; Ivey, F.M.; Viegas, S.F. Experimental verification of muscle-tendon path models for interactive, 3-D
Curriculum Vitae, Rita M. Patterson, Ph.D.


113. El-Shennawy, Patterson, R.M. and Viegas, S.F. Three dimensional kinematic (3D) analysis of the normal motion of 2nd through 5th CMC joints. 56th Annual Meeting of the American Society for Surgery of the Hand (ASSH), Baltimore, MD, October 4-6, 2001. (Poster)


Morris, R.P.; Garges, K.J.; Mody, M; Muffoletto, A.J.; Patterson, R.M.; Yang, J.; Simmons, J.W. The affect of lordosis on lumbar spine stability. 10th Annual Symposium on Computational Methods in Orthopaedic Biomechanics, UT Southwestern Medical Center, Dallas, TX, February 9, 2002, (oral).


118. Morris, R.P.; Garges, K.J.; Patterson, R.M.; Yang, J.; Buford, W.L., Jr.; Muffoletto, A.J.; Simmons, J.W. The affect of relative lordosis on dynamic torsional stability in the lumbar spine. The Second Joint Meeting of the IEEE Engineering in Medicine and Biology Society and the Biomedical Engineering Society, Houston, TX, October 23-26, 2002. (Poster)


122. Mitsuyasu, H.; Connor, C.; Viegas, S.F.; Patterson, R.M. Three-dimensional quantitative analysis of MC bones: Comparison of CT, spatial digitizing, and direct measurement


Curriculum Vitae, Rita M. Patterson, Ph.D.


Curriculum Vitae, Rita M. Patterson, Ph.D.


Curriculum Vitae, Rita M. Patterson, Ph.D.


Curriculum Vitae, Rita M. Patterson, Ph.D.

2015.


179. Bugnariu, N; Stevens G; Ginzel E; Patterson R; Functional performance and quality of life in patients with transtibial amputations is influenced by type of prosthesis; Physiotherapy 101:e184-e185 · April 2015.


181. Miller, HM, Caçola, P, Sherrod, G, Patterson, RM, and Bugnariu, N, Postrual control relates to accuracy of eye movement in Autism Spectrum Disorder and Developmental Coordination Disorder, International Meeting for Autism Research (IMFAR), May 11-14, 2016, Baltimore, MA.

182. Crocker, K., Miller, H., Patterson, R., & Bugnariu, N. (2016, April). Visuomotor integration in atypical development. Poster presented at the annual University of North Texas Health Science Center Research Appreciation Day, Fort Worth, TX. – received UTARI Poster Presentation Award from the University of Texas at Arlington Research Institute.


Curriculum Vitae, Rita M. Patterson, Ph.D.


Other Publications:


PRESENTATIONS/EXHIBITS:

International:

Curriculum Vitae, Rita M. Patterson, Ph.D.


18. Patterson, RM., Singhal, K., Young, C., and Bugnariu, N., Comparison of Upper Extremity Motion in a Virtual and Real World Environment, 7th World Congress of Biomechanics, July 6-11, 2014.


Curriculum Vitae, Rita M. Patterson, Ph.D.
Biomechanics, Bioengineering and Biotransport Conference, National Harbor, MD, June 29-July 2.

21. Patterson, RM., Use of Motion Capture and Virtual Reality to Provide Efficacy for Positive Rehabilitation Outcomes, IEEE CASE, 12th Conference on Automation Science and Engineering, half day Workshop Titled: Automation in Assistive Healthcare, August 21 – 24, 2016, Fort Worth, TX.

National:
Curriculum Vitae, Rita M. Patterson, Ph.D.


17. Joint Kinematics. 1998 Forum Club, Galveston, TX.


Regional/Local:

1. The Evaluation of the Biomechanical Efficacy of Limited Carpal Fusions for the Treatment of Scapho-Lunate Dissociation. 7th Annual Conference of Biomedical Engineering Research, Houston, TX, February 17-18, 1989.

2. Forearm Load Distribution. 9th Annual Conference on Biomedical Engineering Research, Houston, TX, February 07-08, 1991. (poster)

3. A New Approach To Wrist Imaging and Its Use in Diagnosing Carpal Instabilities. The 11th Annual HSEMB Conference, Houston, TX, February 11-12, 1993.


Curriculum Vitae, Rita M. Patterson, Ph.D.


15. Foot/Ankle Kinematics: Comparative Analysis of Normal Foot vs. Flat Foot Deformity. 20th Annual Houston Conference on Biomedical Engineering Research, Houston, TX, April 3-4, 2003.


17. Patterson, R.M.; Sangole, A. Abreu, B.; Buford. W.L., Jr.; Viegas, S.F.; Ottenbacher, K.J. Hand grasping kinematics; The 23rd Annual Houston Conf. on Biomedical Engineering Research, HSEMB, Houston, TX, February 9-10 2006.


Curriculum Vitae, Rita M. Patterson, Ph.D.


34. Purcell, M., and Patterson, RM., Range of Motion Device for Evaluating Somatic Dysfunction, RAD (UNTHSC Research Appreciation Day), April 17, 2015.


37. Kowalewski, V., Thibodeau, L., Patterson, R.M., and Bugnariu, N., The Effects of Hearing Loss on Postural Control in Older Adults”, RAD (UNTHSC Research Appreciation Day), April 15, 2016, received TCOM: 2nd Place Student Research Award.


40. Fox, J., Kowalewski, V., Thibodeau, L., Patterson, RM., and Bugnariu, N., The impact of hearing loss on older adult’s postural control and gait function, UNTHSC Research Appreciation Day, April 7, 2017.

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Continuing Education

Courses attended:
Curriculum Vitae, Rita M. Patterson, Ph.D.

15. The 2nd Conference on Professional Development for Women in Academia, Houston, TX, February 7-8, 1997.
22. The University of Texas System Information Technology and Distance Education Conference 2000, Share the Experience., May 16-18, 2000.
24. April 12, 2000, World Wide Web HTML Basics Class (4 hours)
25. 1999, Facilitators Training Workshop (4 hours)
Curriculum Vitae, Rita M. Patterson, Ph.D.

27. 2002, Enhancing Career Success by Building Mentor Relationships, A half-day workshop facilitated by Leslie Hamilton
29. How to Succeed in Academia: Profiles of Successful Women Academicians, All day seminar January 31, 2003 hosted by the Association of Women Faculty at the University of Texas Health Sciences Center at Houston.
32. The 26th Annual Meeting of the Houston Society for Engineering in Medicine and Biology, Houston, TX, March 19-20, 2008.
33. American Society of Biomechanics, South Central meeting, Scottish Rite Hospital for Crippled Children, Dallas, TX February 26, 2011.
34. ASME Leadership Development Conference, Dallas, TX March 4-6, 2011.
35. Southern Biomedical Engineering Conference, Session Chair, Arlington, TX April 29-30, 2011.

VIII. PROFESSIONAL ACTIVITIES

Journal Reviewer

Editorial Reviews:  
Journal of Orthopaedic Research  
Journal of Bone and Joint Surgery  
Journal of Hand Surgery  
IEEE Transactions on Circuits and Systems for Video Technology  
ASME Journal of Biomechanics  
Clinical Biomechanics  
Annals of Biomedical Engineering

2003-Present  Associate Editor Journal of Hand Surgery
2015-Present  Editorial Board Texas Orthopaedic Journal (TOJ)
06/2013 – 06/2016  Associate Editor Journal of Medical Devices

Grant Reviewer

2016
1999  Arthritis Research Campaign, Canada
2000  Arthritis Research Campaign, United Kingdom.
2002  Joint NSF/NIH panel for Bioengineering and Bioinformatics Research
Curriculum Vitae, Rita M. Patterson, Ph.D.

Training and Education grants.

2002-2004 NIH, reviewer for Brain Disorders and Clinical Neuroscience IRG.
2005-2009 Permanent member, NIH, Musculoskeletal Tissue Engineering Study Section (MTE)
2005-2009 Reviewer Small Grants for New Investigators (R03) applications submitted to NIAMS.
2008 Reviewer for a special emphasis panel for the review of a set of P30 Core Center applications for Musculoskeletal Disorders.
2005 Reviewer for the Annual Portfolio Assessment Expert Review (APAER) for the technology areas of the National Institute of Disability Rehabilitation Research (NIDRR) Long-Range Plan.
2009 NIH, NIAMS GO Special Emphasis panel reviewer.
2009 NIH, NIAMS Challenge grant mail reviewer.
2011 NIH, Program Project grant review panel.
2009-Present NIH SBIR panel
CURRICULUM VITAE
Stuart C. Pickell, MD, MDiv, FAAP, FACP

PERSONAL INFORMATION
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Fort Worth, TX  76109  
Office Address: Health-e-Care  
900 Jerome, Ste 400  
Fort Worth, TX 76104  
817-676-5550 (m); scpickell@sbcglobal.net  
E-mail: 817-732-6060 (o); 817-731-2541 (f)

EDUCATION/POST GRADUATE TRAINING
College: B.A., May 1982  
The College of William and Mary in Virginia  
Williamsburg, VA

Seminary: M.Div., May 1987  
Princeton Theological Seminary  
Princeton, NJ

Medical School: M.D., June 1996  
University of Texas, Southwestern Medical School  
Dallas, TX

Internship/Residency: June 2000  
Internal Medicine and Pediatrics  
University of Mississippi Medical Center (UMC)  
Jackson, MS

MEDICAL LICENSURE
2001-present  
Texas State Board of Medical Examiners, #L2552
2000-2002  
Tennessee Board of Medical Examiners, #34401
1996-2000  
Mississippi Board of Medical Licensure, #15517

BOARD CERTIFICATION
October 2000  
American Board of Internal Medicine (Initial Certification 2000; Recertified 2010; Expires 2020)
December 2000  
American Board of Pediatrics (Initial Certification 2000; Recertified 2007; Expires. 2018)

POSITION/PHYSICIAN WORK HISTORY
11/12-present  
North Texas Primary Care Associates, dba Health-e-Care
1/02-11/12  
Fort Worth Med-Peds Associates, PA, Fort Worth, TX
7/01-12/01  
W. R. Gardner, MD, PA, Fort Worth, TX (the practice I purchased in 2002)
8/00-6/01  
Saint Thomas Health Group, Brentwood, TN
EDUCATIONAL ACTIVITIES

2016-present  Curriculum Design Committee
               New MD School at Texas Christian University
2012-present  Adjunct Clinical Assistant Professor of Internal Medicine and Pediatrics
               University of North Texas Health Science Center, Fort Worth, TX
2002-present  At various times have had medical students and mid-level practitioner students
               at all levels of training doing primary care and community medicine
               rotations for anywhere from 3 to 10 weeks at a time
2002-present  General Internal Medicine Statewide Preceptorship Program
               Sponsored by the Texas Chapter of the American College of Physicians
2000-2001    Adjunct Clinical Assistant Professor of Pediatrics
               Vanderbilt University School of Medicine, Nashville, TN

HOSPITAL COMMITTEE APPOINTMENTS

2001-present  Harris Methodist Hospital (Downtown), Fort Worth, TX
               2009-present  Ethics Committee
               2011-2016   Chairman
2002-present  Cook Children’s Medical Center, Fort Worth, TX
               2004-present  Ethics Committee
               2002-2004   Cancer Committee
1996-2000    University of Mississippi Medical Center
               1997-2000   Director, Reach Out and Read, Blair E. Batson Hospital for Children
               1997-1998   Pharmacy & Therapeutics Committee, UMC
               1996-1998   Pediatric Residency Review Committee, UMC

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS

2015-present  Texas MOST Coalition
               Chair, 2015-present
2012-2016    American Medical Group Association (AMGA)
               2012-2016   CMO/Medical Director Leadership Council
2002-2014    Fort Worth Pediatric Society
               2005  Treasurer
               2006  President
2001-present  Tarrant County Medical Society
               2003-present  Board of Directors
               2005-present  Tarrant County Ethics Consortium
               2011-present  Chairman
               2006-2008   Pandemic Flu/Disaster Preparedness Committee
               2011-2012   Member, organizing committee, Project Access Tarrant County (PATC)
               2006-2012   Public Grievance Committee
               2003-2005   Committee on School Health
1997-present  American College of Physicians, Member, elected to Fellowship 2011
1996-Present  American Academy of Pediatrics, Member, elected to fellowship 2005
1999-2001    Team Leader, Pediatric Leadership Alliance Program, Pediatric Leaders
               for the 21st Century (joint venture of the AAP and Johnson & Johnson)
1998-2000    Resident Liaison, Provisional Section on Med-Peds
1996-1998    Resident Section Coordinator, District VII
1992-96; 01-present  **Texas Medical Association**
   2013-present  Council on Health Service Organizations
   2012-present  Ad Hoc Committee on Health Information Technology
   2006-2009  Council on Public Health
   1993-1996  Committee on Child and Adolescent Health
2001-present  **North Texas Specialty Physicians (NTSP) and its Subsidiaries**
   2012-present  **Health-e-Care**
      2012-present  Medical Director
   2012-2016  **North Texas Respecting Choices**
      2012-2016  Chair, Implementation Committee
   2014-2016  **Silverback**
      2014-2016  Board of Directors
   2011-2015  **North Texas ACO (a.k.a., Plus ACO)** – (a pioneer ACO)
      2012-2013  Chair, Medical Management Committee
      2011-2012  Member, Board of Directors
   2011-2015  **NTSP Charitable Fund**
      2011-2015  Board of Directors, Treasurer
   2009-present  **Care-N-Care**
      2009-present  Member, Quality Committee
   2006-2016  **Sandlot, LLC**
      2007-2016  Member, Board of Directors, Vice President
      2006  EMR Task Force
2001-present  **Other Involvement in North Texas Specialty Physicians**
   2011-present  Primary Care Division Executive Committee
   2008-present  Director for CMS Risk Adjustment (8-10 hrs/week since April 2011)
   2008-present  Featured presenter, Morning Medical Minute, WBAP 820 AM
   2005-present  PSN Medical Management Committee
   2014-2016  NTSP Leadership Council
   2005-2011  Primary Care Council
1998-2000  **National Med-Peds Residents’ Association**
   1998-2000  Founding Member, Board of Directors
1992-97; 2000-01  **American Medical Association**

**OTHER INVOLVEMENT IN THE COMMUNITY MEDICINE**

2016  Respecting Choices
   2016  Certified, Last Steps Instructor
   2016  Certified, Last Steps Facilitator
2014-present  Board of Directors, HSC at HSC, a 501c3 company providing medical relief services to Leogane, Haiti
2011-present  Project Access Tarrant County – participating physician
2005-present  Christian Community Health Clinic (one afternoon a month)
   2007-present  Board of Directors
   2010-present  Vice President
   2005-present  Physician Volunteer in clinic 4th Wednesday afternoon every month
Feb 2009  Medical Mission Trip, Leogane, Haiti
MINISTRY

2015-present Parish Associate, Faith Presbyterian Church, Aledo, TX
2005-2015 First Presbyterian Church in Fort Worth went through a leadership transition in 2005 which, by rule, changes the relationship of a Parish Associate with a church. While I continued to be engaged in ministry throughout this time period - mostly at FPC Ft. Worth until 2011 - I did not formally participate in the ministry of a particular church until 2015.
2001-2005 Parish Associate, First Presbyterian Church, Fort Worth, TX
1996-2000 Parish Associate, Briarwood Presbyterian Church, Jackson, MS
1995-1996 Parish Associate, St. Philip Presbyterian Church, Hurst, TX
1987-1992 Associate Minister to Youth and Families, First Presbyterian Church, Fort Worth, TX (ordained as Teaching Elder in the PC(USA) in October 1987)

AREAS OF EXPERTISE - TOPICS OF PRESENTATIONS

- Advance Care Planning and End-of-Life Care
- What Presbyterians Believe about Death and Dying
- Why Doctors Die Differently
- Religion, Spirituality and the Art of Medicine
- The Humanities and the Art of Healing
- Addressing Spirituality in the Clinical Encounter
- Risk Adjustment and Managed Care
- Innovative Approaches to the Delivery of Primary Care
- Risk Adjustment: What It Is and How It Works
- ACOs: Something Old, Something New
- Healthcare Quality, Access and Affordability
- Ethical Implications of Stem Cell Research
- Improving the Patient’s Experience of Care
- Transitions from Pediatric to Adult Health Care

BIBLIOGRAPHY

Pickell, Stuart C., “A ‘Good’ Death Requires Honest Conversation,” Fort Worth Star-Telegram, April 8, 2013


REFERENCES

Paul Bowman, MD
Chair and Professor, Pediatrics
UNTHSC
3500 Camp Bowie Blvd
Fort Worth TX 76107
682-885-4006

David Capper, MD
Covenant Hospice & Palliative Care
Address: 2630 W. Freeway, Suite 130, Fort Worth, TX 76102
Phone:(817) 989-6290
817-735-8741

Roy Martin, DMin
Asst. Professor of Clinical Ethics
UNTHSC
3500 Camp Bowie Blvd.
Fort Worth TX 76107-2699
817-735-0574

Jose Gonzalez, MD
Medical Director
Cook Children’s Health Plan & The Center for Children’s Health
P.O. Box 2488
Fort Worth, TX 76113
(682) 885-6820

Kendra Belfi, MD
3801 Westcliff Rd., South
Fort Worth TX 76109
817-923-2450

Steve Brotherton, MD
Texas Bone and Joint
1651 W Rosedale St.
Fort Worth, TX 76104
817-335-4316

Trey Moore, MD
Urology Associates of North Texas
West Terrell, Suite 400
Fort Worth, TX 76104
817-784-8268

Kim Callanan, MA
1315 Eagle Bend Dr.
Southlake TX 76092
817-675-6821

Robert Sloane, MD
2237 Wilshire Blvd.
Ft. Worth TX 76110
817-271-5763
CURRICULUM VITAE

Julie Ross Pittman, M.D. Ph.D. October 2017

Office Address: 3602 Matlock Road, Suite 210, Arlington TX 76015
pittman@juliepittman.com
817-472-9369
817-472-9361 fax

Home Address: 1000 Yukon Drive, Mansfield TX 76063
jrpittman717@hotmail.com
(214) 901-5255

Place of Birth: Portales, NM

Current Positions:
Outpatient Private Practice Psychiatrist
Pittman Psychiatry and Recovery, PLLC
3602 Matlock Road, Suite 210
Arlington TX 76015
July 2012 – Present

Medical Director
Nexus Recovery Center
8733 La Prada Drive
Dallas TX 75228
January 2017 – Present

Previous Positions:
Medical Director
Phoenix House Dallas, The Feinberg Academy
2345 Reagan Street, Dallas TX 775219
July 2012 – February 2014

Independent Contractor
The Greenhouse Residential Treatment Facility
1711 107th Street, Grand Prairie TX 75050
July 2012 – July 2013

Outpatient Staff Psychiatrist
Matrix Alliance Associates, PA
Urschel Recovery Science Institute
8222 Douglas Avenue, Suite 375
Dallas TX 75225
November 2010 – July 2012
Academic Appointment: Clinical Assistant Professor
University of Texas Southwestern Medical Center
5323 Harry Hines Boulevard
Dallas TX  75390
August 1, 2011 – Present

Education:
1997 B.S. University of Texas at Austin
Austin TX  78712
Major: Molecular Biology, Minor: German

2006 Ph.D University of Texas Medical Branch
301 University Blvd, Galveston TX  77555
M.D.-Ph.D. Combined Degree Program
Neuroscience Graduate Program

2006 M.D. University of Texas Medical Branch
301 University Blvd, Galveston TX  77555
M.D.-Ph.D. Combined Degree Program

Postdoctoral Training:
2006-2010 Clinical Fellow in Psychiatry
Harvard Medical School
Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA
Internship and Residency

2010-2011 Addiction Psychiatry Fellow
University of Texas Southwestern Medical Center, Dallas TX

Major Administrative Responsibilities:
2009-2010 MGH/McLean Chief Resident in Addictions
Massachusetts General/McLean Hospital Adult Psychiatry Residency Training, Boston MA

Licensure and Certification:
2008-2010 Full Medical License in Massachusetts (234948)
2009-present X waiver
2010-2011 Physician in Training License in Texas (BP10038390)
2010-present Full Medical License in Texas (N8058)
2011-present American Board of Psychiatry and Neurology Certification in Psychiatry
2012-present American Board of Psychiatry and Neurology Certification in Addiction Psychiatry
**Additional Training:**

09/18/08-09/19/08 Behavioral Tech Dialectical Behavioral Therapy (DBT) for Substance Use Disorders with Linda Dimeff Ph.D. and Jennifer Sayres Ph.D.

02/25/09 American Academy of Addiction Psychiatry’s “Half and Half Course” for training and licensure to prescribe buprenorphine

**Other Professional Positions and Major Visiting Appointments:**

1997-1999 Research Assistant
Department of Microbiology,
University of Texas at Austin, Austin TX

**Major Committee Assignments:**

*Graduate School of Biomedical Sciences*

2001 Scientific Ethics Student Panel Elected University of Texas Medical Branch, Galveston TX

*M.D.-Ph.D. Combined-Degree Program*

2001-2004 Student Operating Committee - Recruitment Chair University of Texas Medical Branch, Galveston TX

2002-2004 M.D./Ph.D. Student Representative - Admission Subcommittee Member University of Texas Medical Branch, Galveston TX

2002-2004 M.D./Ph.D. Student Representative - Advisory Committee Member University of Texas Medical Branch, Galveston TX

**Professional Societies:**

1999-2006 American Medical Student Association Member
1999-2006 American Medical Association Member
2000-2004 Society for Neuroscience Member
2000-2004 College on Problems of Drug Dependence Member
2001-2003 European Behavioural Pharmacology Society Member
2008-2010 Massachusetts Psychiatric Society Member
2008-present American Medical Association Member
2008-present American Psychiatric Association Member
2009-present American Academy of Addiction Psychiatrists Member
2014-present American Society of Addiction Medicine Member
2017-present Obesity Medicine Association Member

**Community Service Related to Professional Work:**

1997-1999 Volunteer Sexual Assault Peer-Counselor Austin Rape Crisis
1997-1999 Volunteer Hospital and Hotline Advocate Center/SafePlace, Austin TX Austin Rape Crisis Center/SafePlace, Austin TX

2001-2003 Tutor to first- and second-year medical students in Gross Anatomy and Radiology and Neuroscience and Human Behavior University of Texas Medical Branch, Galveston TX

2001-2003 Tutor St. Vincent’s Free, Student-Run Clinic in Galveston, TX

2002-2006 Volunteer Medical provider Elementary and junior high level, Galveston TX

2003-2006 Science fair judge Neurons level, Galveston TX

2004 Volunteer Community educator doing outreach teaching sexual health to local high school students S.T.A.T.S. (Students Teaching AIDS To Students), Galveston TX

2004 Volunteer Organizer Community Immunity Vaccination Outreach Program in Galveston, TX

2004 Volunteer Introduction Leader for Landmark Education Landmark Education Quincy, MA and Dallas, TX

2009-2013 Volunteer Board of Directors Nexus Recovery Center, Inc. 8733 La Prada Drive Dallas TX 75228

Editorial Boards:
2003 ad hoc reviewer Journal of Pharmacology and Experimental Therapeutics
2003 ad hoc reviewer Journal of Neuroscience
2003 ad hoc reviewer Neuropsychopharmacology

Awards and Honors:
2009 American Academy of Addiction Psychiatrists Travel Scholarship to 20th Annual Meeting in 2009
2006 Edward Randall Medal for Academic Excellence, University of Texas Medical Branch
2005 James E. Beall II Memorial Scholarship, University of Texas Medical Branch
2004 James E. Beall II Memorial Scholarship, University of Texas Medical Branch
2003 National Institute for Drug Abuse M.D./Ph.D. Individual National Research Service Award
2002 Robert Harrison, M.D. Memorial M.D./Ph.D. Scholarship, University of Texas Medical Branch
2002 Honor Society of Phi Kappa Phi
1997 Graduate cum laude, University of Texas at Austin
1995 βββ Biological Honor Society
1995  Golden Key National Honor Society
1995-1997  College of Natural Sciences Scholar, University of Texas at Austin
1993-1997  University Honor List, University of Texas at Austin
1993-1997  Dean’s Scholar, University of Texas at Austin
1993-1997  Amon G. Carter Star-Telegram Employees Fund Academic Scholarship, University of Texas at Austin
1993  Emerging Scholars Program – Sequence, Series, and Multivariable Calculus, University of Texas at Austin

Part II: Research, Teaching, and Clinical Contributions

Report of Research Activities:
Oct 2010 – Feb 2011  Smoking Cessation and Stimulant Treatment (S-CAST): Evaluation of the Impact of Concurrent Outpatient Smoking Cessation and Stimulant Treatment on Stimulant Dependence, Medical Clinician, NIDA-CTN-0046
Feb 2009 – Dec 2010  Implementation of Screening Brief Intervention and Referral to Treatment (SBIRT) in a Psychiatric Emergency Setting. This study analyzes responses collected from residents in the MGH-McLean adult psychiatry training program in order to assess whether a structured assessment of drug-taking behaviors with guidance regarding appropriate brief intervention and referral to treatment is an effective method for handling patients in the emergency setting and whether the training and implementation of SBIRT will alter the level of satisfaction residents feel regarding treating substance-abusing patients in terms of resident’s level of resignation, satisfaction with disposition options and assessment of the likelihood of clinical improvement for the patients.
Jan 2002 – Jan 2005  Dissertation, University of Texas Medical Branch, Dept. of Pharmacology and Toxicology. Research conducted under Dr. Kathryn Cunningham. Studying molecular differences between high responder and low responder rats in terms of expression profiles in the brain dopamine mesolimbic circuit and in terms of habituation to a novel environment and response to (+)-MDMA.
Aug 2001 – Dec 2001  Research Rotation, University of Texas Medical Branch, Dept. of Pharmacology and Toxicology. Research conducted under Dr. Kathryn Cunningham. Focus on the role of serotonin 2A receptors (5-HT2AR) in MDMA-evoked activity. Chronically treated male Sprague-Dawley rats with the 5-HT2R agonist DOI, monitored MDMA-evoked behavioral activation, and used immunocytochemistry to examine expression of both c-Fos (an immediate-early gene) and 5-HT2AR.
1997-1999  Research Assistant, University of Texas at Austin. Department of Microbiology. Research conducted under James Walker on DNA replication in Escherichia coli. Focus on site-directed mutagenesis,
overexpression, and purification of the beta-clamp loading components of the *E. coli* polymerase III complex, namely tau and gamma. Cloned mutagenized proteins into expression vectors, overexpressed, and purified the resulting products. Assayed the pure tau and gamma for ATPase activity, ATP binding, and beta-clamp loading activity.

1996-1997

Undergraduate Volunteer, University of Texas at Austin. Department of Zoology. Research conducted under David Crews on neuroendocrinology of leopard gecko, *Eublepharis macularius*. Focus on the plasticity of sexual behavior in females of the species, notable for its temperature-dependent sex determination. Performed oophorectomies, manufactured and implanted hormone replacements, and tested the sexual behaviors of these females with normal males.

Funding Information:

<table>
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<tr>
<th>Years</th>
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<tr>
<td>07/01/2003-06/03/2006</td>
<td>NIDA</td>
<td>Julie Ross</td>
<td>F30 DA 16500-01; “MOLECULAR BASIS OF VULNERABILITY TO DRUG ADDICTION”</td>
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</table>

Report of Teaching

March 2001-May 2001 Laboratory Teaching Assistant, Neuroscience and Human Behavior, Integrated Medical Curriculum, School of Medicine, University of Texas Medical Branch, Galveston TX

November 2001 Guest Lecturer, Effective Strategies for USMLE Preparations, Alliance of Internal Medicine, School of Medicine, University of Texas Medical Branch, Galveston TX

March 2002-May 2002 Laboratory Teaching Assistant, Neuroscience and Human Behavior, Integrated Medical Curriculum, School of Medicine, University of Texas Medical Branch, Galveston TX

January 2003-June 2006 USMLE Student Mentor, School of Medicine Academic Support Services, University of Texas Medical Branch, Galveston TX

February 2008 Lecture, Selective Publication of Antidepressant Trials and Its Influence on Apparent Efficacy, Journal Club, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

March 2008 Lecture, Delirious Mania – Pitfalls in Delayed Diagnosis, Blake 11 Case Conference, Massachusetts General Hospital Inpatient Psychiatric Unit, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

June 2008 Lecture, Autosomal Dominant Frontotemporal Dementia, AB2 Case Conference, McLean Hospital Inpatient Psychiatric Unit, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA
January 2009
Lecture, Organic Mania, Psychosomatics Conference, Massachusetts General Hospital Consultation Service, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

February 2009
Lecture, Motivation Interviewing in the General Hospital, Psychosomatics Conference, Massachusetts General Hospital Consultation Service, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

July 2009-June 2010
Teaching Assistant, Clinical Neuroscience Course for PGY-2 Residents, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

July 2009- June 2010
Chief Resident, Supervision of PGY-1 Residents on Inpatient Dual Diagnosis Unit, McLean Hospital, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

July 2009- June 2010
Chief Resident, Supervision of PGY-2 in the Clinical Evaluation Center, McLean Hospital, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

July 2009- June 2010
Chief Resident, Supervision and Didactics for PGY-3 Residents on the Substance Abuse Consultation Service, McLean Hospital, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

November 2009
Local Lecture Series, Limbic System I and II, PGY2 Didactics, Massachusetts General/McLean Hospital Adult Psychiatry Residency Training Program, Boston MA

December 2009
National Lecture, Motivational Interviewing: A Contemporary Perspective, Stamford Hospital, Stamford CT

April 2010
Lecturer, American Academy of Addiction Psychiatry Buprenorphine “Half and Half” Course, McLean Hospital, Belmont MA

July 2010
Local Lecture, Motivational Interviewing, Department Training, Veterans Administration Hospital, University of Texas Southwestern Medical Center, Dallas, TX

July 2010-August 2010
Addiction Psychiatry Fellow, Supervision of Medical Students and PGY-1 Residents on Inpatient Residential Treatment Unit, Veterans Administration Hospital, University of Texas Southwestern Medical Center, Dallas, TX

September 2010
Local Lecture, Motivational Interviewing, Resident Conference, University of Texas Southwestern Medical Center Adult Psychiatry Training Program, Parkland Hospital, Dallas, TX

July 2010 - Present
Psychiatry Lecture Series, Addiction Psychiatry, MS3 Clinical Teaching, School of Medicine, University of Texas Southwestern Medical Center, Dallas TX

August 2011
Local Lecture, “A Conversation about Addiction, Treatment Options, and How to Get a Someone into Treatment.” EnterHealth Continuing Education Conference. AIDS Outreach Center, Fort Worth, TX

January 2012
Local Lecture, Presenter, “Contemporary Substance Abuse Treatment: From Motivational Interviewing to Meds,” Texas Association of
Addiction Professionals NOVA 2012 meeting, Dallas, TX.

May 2012
Local Lecture, American Academy of Addiction Psychiatry
Buprenorphine “Half and Half” Course, University of Texas Southwestern Medical Center, Dallas TX

May 2012
Local Lecture, Motivational Interviewing, PGY3 Didactic Resident Conference, University of Texas Southwestern Medical Center Adult Psychiatry Training Program, Dallas, TX

July 2013
Local Lecture, Motivational Interviewing, Direct Practice in Mental Health Course, School of Social Work, University of Texas at Arlington, Arlington TX

November 2013
Local Lecture, American Academy of Addiction Psychiatry
Buprenorphine “Half and Half” Course, University of Texas Southwestern Medical Center, Dallas TX

January 2014-February 2014
Clinical Supervision of Child and Adolescent Psychiatry Fellows, University of Texas Southwestern Medical Center, Dallas TX

Report of Clinical Activities

I see patients in a private, addictions-focused outpatient psychiatric practice.

Part III: Bibliography

Original Articles:


Thesis:

Book Chapters:


Online Monographs:


Abstracts:


**J.D. Ross**, D.V. Herin, K.M. Pack, and K.A. Cunningham. Chronic Treatment with the 5-HT$_2$R Agonist DOI Modulates the Behavioral and Cellular Response to (+)3,4-Methylenedioxymethamphetamine [(+)-MDMA]. Presented at the National Student Research Forum in Galveston, TX in April 2003.


**J.D. Ross** and K.A. Cunningham. Differential Expression of c-Fos Immunoreactivity in High and Low Responding Rats after Exposure to a Novel Environment. Presented at the National Student Research Forum in Galveston, TX in April 2004.


Curriculum Vitae

I. John V. Planz, Ph. D.  
   Associate Professor  
   Center for Medical Genetics  
   Institute of Molecular Medicine

II. Education


III. Professional experience

INTERIM DIRECTOR, 11/15/2015 to 5/1/2016. UNT Center for Human Identification

- Direct operations of UNT Center for Human Identification
- Direct operations of Forensic Casework section, National Missing Persons Program, and NAMUS
- Supervise and direct staff scientists and data analysts

ASSOCIATE DIRECTOR, 2000 to 2016. UNT Center for Human Identification

- Direct operations of DNA Identity Laboratory in the absence of the Director
- Direct operations of Forensic Casework section and National Missing Persons Program
- Supervise and direct staff scientists and data analysts
- Design and develop new DNA testing methodologies


- Establish and direct all operations of Identity Testing Division of company
- Supervise and direct staff scientists and data analysts
- Design and develop new DNA testing methodologies
- Development and administration of quality assurance program

- Review and issue laboratory reports in parentage testing and forensic cases
- Design and implement SNP and microsatellite testing systems
- Supervise and direct staff scientists and data analysts
- Review and approve analytical procedures and quality assurance records
- Legal testimony

FORENSIC SEROLOGIST. 1993 - 1996. Southwestern Institute of Forensic Sciences, Dallas, Texas

- Facility design, procurement of equipment and validation of PCR testing facility for forensic analysis
- Establishment and update of Quality Control and Quality Assurance guidelines
- System Administrator for CODIS DNA indexing system
- Examination and screening of crime scene evidence for the presence of biological materials
- Legal testimony


- Field and laboratory-based research in mammalian systematics and population genetics
- Design and procurement of computer facilities for curatorial and research databases

RESEARCH ASSISTANT. 1987 - 1990. Institute of Applied Sciences, University of North Texas, Department of Biological Sciences, Denton, Texas

- Post-impoundment biological survey of Lake Ray Roberts located in North Central Texas in cooperative effort with The United States Army Corps of Engineers
- Preparation of final technical reports and manuscripts

IV. Honors and awards

- Presidents Award for Research Excellence, 2011, UNT Health Science Center
- Texas Society of Mammalogists Research Award, 1990.
- Wilkes Award, Southwestern Association of Naturalists, 1990.

V. Professional Affiliations

- Society for Molecular Biology and Evolution
- Academy of Forensic Sciences
- Association of Forensic DNA Analysts and Administrators (AFDAA)
- International Society for Forensic Genetics
- Scientific Working Group for DNA Analysis Methods (SWGDAM)
- Texas Crime Laboratory Director’s Association
VI. Teaching experience

ASSOCIATE PROFESSOR, 2004 to Present
Institute of Molecular Medicine, Center for Medical Genetics.
(formerly: Department of Molecular and Medical Genetics, Forensic and Investigative Genetics, Cell Biology and Genetics, Pathology) UNT Health Science Center at Fort Worth, Fort Worth, Texas.

- Vice-Chairman of Department (Aug 2012-Sep 2016)
- Online Programs Coordinator – Graduate School of Biomedical Sciences (2012-present)
- Graduate Advisor (2001-2011)
- Program Director and for Forensic Genetics Master of Science Program (2001-2011)
- Procure funding for ongoing research programs
- Assist in fiscal and strategic planning of departmental programs
- Oversee visiting scientists, interns, graduate students, and Summer Scholars

LECTURER. 1995 - 2000. University of Texas at Dallas, Department of Biology, Richardson, Texas

- Instruction of Forensic Biology, Population Genetics, Evolutionary Biology and Ecology courses

ADJUNCT PROFESSOR. 1993 - 2003. The University of North Texas, Department of Biological Sciences, Denton, Texas

- Instruction of Introductory Biology, Honors Biology, Animal Ecology, and Population Genetics
- Special Topics lectures in DNA Fingerprinting, PCR, Forensic Biology, and Molecular Systematics

TEACHING FELLOW. 1990 - 1991. University of North Texas, Department of Biological Sciences, Denton, Texas

- Course lectures for Comparative Vertebrate Anatomy
- Special lectures in Advanced Genetics, General Ecology, and Heredity

TEACHING ASSISTANT. 1987 - 1990. University of North Texas, Department of Biological Sciences, Denton, Texas

- Instruction of laboratory courses in Comparative Vertebrate Anatomy, Genetics, Population Genetics, Animal Ecology, and General Biology
- Preparation of laboratory manuals and study guides
1. UNTHSC-FW

a. Lectures or courses – TCOM

**Cellular Science** - MEDE 7810  
Fall 2012 Medical Term - Fall 2016 Medical Term  
Role: Faculty (10% material)

b. Lectures or courses – Graduate School  
(listed chronologically from present)

**Experimental Design and Biostatistics – BMSC 6200**  
Fall 2016  
Role: Co-Course Director (with Dr. Nathalie Sumein), (95% material)

**Fundamentals in BioSciences 3 – BMSC 6203**  
Fall 2016  
Role: Faculty (45% material)

**Population Genetics and Forensic Statistics** - MOMG 5401  
(formerly FGEN 5401)  
Fall 2012 – 2016  
Role: Course Director (95% material)

**Biostatistics for Biomedical Science** - BMSC 5400  
Fall 2014, Summer 2015 – Summer 2016  
Role: Course Director, (online 240+ students) (100% material)

**Integrated Biomedical Science** - BMSC 6302  
Fall 2012 - Fall 2014  
Role: Faculty (15% material)

**Molecular Evolution Genetics** – MOMG 6340 (formerly FGEN 6340)  
Fall 2009, 2011, 2014  
Role: Course Director (100% material)

**Biomedical Ethics** - BMSC 5160  
Fall 2007 - Fall 2014  
Role: Faculty (10% material)

**Basic Methods in Forensic Molecular Genetics** - FGEN 5306  
Spring 2012 - Spring 2013  
Role: Course Director (100% material)

**Advanced Methods in Forensic Molecular Genetics** - FGEN 5307  
Summer 2011 – 2013  
Role: Course Director (2011 (60% material)); Faculty (2012-2013 (20% material))

**Forensic Genetic Data Analysis** - FGEN 5401  
Fall 2009 – 2011
Mitochondrial DNA Analysis - FG 6200 (formerly CGEN 6100)
Spring 2004 - Spring 2011
Role: Course Director (100% material)

Population Genetics - FG 5301 (formerly CGEN 5300)
Spring 2002 - Spring 2011
Role: Course Director (100% material)

Forensic Lab Quality Assurance - FG 5100 (formerly CGEN 5500)
Summer 2002 - 2010
Role: Course Director (50% material)

Genetic Data Analysis - CGEN 5310
Fall 2002 - Fall 2008
Role: Course Director (80% material)

Applications of Y-Chromosome Analysis - CGEN 5101
Fall 2006 - Fall 2007
Role: Faculty (25% material)

Biological Evidence Evaluation - CGEN 5100
Fall 2002 – 2004
Role: Course Director (100% material)

Proteomics - CGEN 6304
Fall 2005
Role: Guest Lectures (10% material)

Human Genetics CGEN 6301
Role: Guest Lectures (20% material)

c. Lectures or courses – Physician Assistant Program
N/A

d. Lectures or courses – Public Health School
Molecular Epidemiology – EPID 6316
Spring 2010-2012
Role: Guest Lectures (10% material)

e. Lectures or courses – DPT Program
N/A

f. Other

In 2012, Online and Onsite training was provided to participants in the NIJ funded Comprehensive Training Program in Forensic DNA Interpretation and Statistics. This program provided 40 hours of continuing education to 140 crime laboratory personnel nationwide and is now available as a self-directed training program on the NIJ training
site and on our own Online training site: 
http://web.unthsc.edu/info/200210/molecular_and_medical_genetics/2842/online_training.

This program, which included the contributions of several departmental faculty and facilitation by PACE, the UNTHSC Libraries, and IT department originated largely from the Genetics Data Analysis course (formerly FGEN 5401). Since the completion of the online training deployments, the program materials were remodeled for use in the current MOMG 5401 course that is being taught in a blended format. It is my intention to concurrently offer this course in Fall 2015 to our on-campus Forensic Genetics students in the blended format and in a fully online section to students nationwide. A unique feature of this deployment will be that the online students will be included in groups with our on-campus students for Team Learning Exercises and Group assignments. As it is expected that off-campus students enrolling in the course will largely be working forensic analysts, our graduate students will gain valuable insight into their profession from people in the field and provide an opportunity for professional networking.

2. Professional presentations

   a. Grand rounds/clinical education presentations

      N/A

   b. Hospital/clinical faculty/staff presentations

      N/A

   c. Other

      Listed below are presentations given as staff training or continuing education sessions, for state local and national law enforcement crime laboratories that have equivalent value to the categories listed in a & b above. Only presentations made during my time at UNTHSC are listed.

Planz, J. V. 2007. Familial Assessment and Kinship Analysis. AFDAA. Aug 2, 2007 Austin, TX
3. Supervision

a. Hospital/Clinic/SNF/Outpatient

**Associate Director, DNA Identity Lab.** 2000-2015. Shared supervision of 4-8 laboratory staff members responsible for paternity testing for state and private cases.


b. Student rotations – medical, PA, DPT, other

Supported 8 students in Laboratory Rotations (BMSC 5150) between 2011-2016.

**NOTE:** I did not have my own laboratory space until Spring 2011 and could not admit students for rotations in our operational crime laboratories.

c. Graduate students – major

**Professor/adviser/mentor/and/or committee member**

I served as Graduate Advisor for the Forensic Genetics Professional Master of Science program from its inception in 2001 to 2011 and for our doctoral program from 2006-2011. During that period I was advisor to approximately 93 Masters students and 7 Doctoral students.
Major Professor

Ph.D.

Shewale, Shantanu J. 2016
Zascavage, Roxanne R. 2016
Dianna Elrod (at UNT) 2003

M.S.

Kelcie Thorson in progress
Graham, Michelle 2015
Howard, Taylor 2014
Kreutzer, McKensie 2014
Oatts, Sarah, M. 2013
Bazzazzadegan, Tiffany 2012
Zascavage, Roxanne R. 2012
Haas, Jamie 2011
Arzate-Abdelfattah, Helvia 2010
Curtis, Pamela 2009
Feller, Elizabeth 2009
Escobedo, Israel 2008
Lopez, Kristen 2008
McCann Bintrim, Kristin 2008
Miller, Jennifer 2007
Kreikemeier, Melissa 2007
Rodriguez, Manuel 2007
Capt, Christina 2007
Hamilton, Kristi 2006
Felipe-Ortega, Kendra 2006
Price, Glynis 2006
Rothwell, Sarah A. 2006
Sparling, Jena 2006
Condel, Kevin 2006
Mikeska, Margo M. 2005
Kanaly, Angela C. 2005
Wissinger, Amberly A. 2005
Reynolds, Patrick R. 2004
Halsell III, Lloyd F. 2004
Crispin, Shelley J. 2004
Silvis, Renee 2004
Cookesley, Joseph 2003
Otto, Jennifer B. 2003
Peters Hybki, Dixie 2003
Dutton, Kristi R. 2003
Alexander, Uvonna F. 2002

Student Committees

Over the past 16 years I have served as a committee member on 8 Doctoral and 65 Master of Science committees, and served as University member on 13 Doctoral committees.
d. Research laboratory – staff, medical and/or other students

Laboratory Technicians

Dingchung Huang 2010-present
Sandy Kirkpatrick 2010-2012
Suzanne Schaeffer 2008-2010
Dixie Peters 2002-2004

e. Post-doctorate associates

Roxanne R. Zascavage, Ph.D. 2016 - present

f. Visiting scientists

4. Visiting/guest faculty lecturer

N/A

5. Other supporting materials (optional)

VI. Service

1. UNTHSC, SHP, TCOM, SPH, GSBS, SCP committee Memberships

SACS Fifth-Year Interim Review Committee - 2015

Gibson D. Lewis Health Science Library Operational Assessment Committee - 2016

UNTHSC APART Committee - 2014 - present

GSBS Director of Distance Education - 2012 - present

Member, UNTHSC Distance Education Committee - 2011 - present

Member, GSBS Bylaws Committee - 2011 - present

Member, Graduate Admissions Committee - 2009 - present

Member, Graduate Council - 2002 - 2011

Member, Core Curriculum Revision Committee - 2009 - 2011

Member, UNTHSC Research Advisory Council, - 2004 - 2007

Strategic Planning Subcommittee - 2005 - 2007
Core Facilities Committee - 2006 - 2007
2. Department committee membership

  Distance Education, 2010 – present
  By Laws Committee, 2010 - present
  Curriculum Committee, 2001 - present
  Graduate Advisor, 2001–2011
  Program Director, Forensic Genetics Masters Program – 2001–2011

3. Patient care

  N/A

4. Professional service – local, state, national, international

  AAFS Standards Board (ASB) Wildlife Forensics Consensus Body – 2016 - present

  Organization of Scientific Area Committees (OSAC), Biology Section, Wildlife Forensics Subcommittee – 2015 – present

  Scientific Advisory Board, State of Virginia, Member – 2010 – 2015

  Scientific Working Group on DNA Analysis Methods (SWGDAM, FBI) Member, 2003 – present
    Chairman, Missing Persons/Mass Disaster Subcommittee – 2007 – 2013

  FBI CODIS Development Committee, Member – 2001 – 2007

  Texas Crime Laboratory Director’s Association, Member – 2005 – present

  Southwest Working Group on DNA Analysis Methods, Chairman – 1995-97

5. Community service/involvement

  Boy Scouts of America, Longhorn Council, Texas
    District Commissioner, 2002 – 2006
    Cub Scout Den Leader, 2002 – 2006
    Troop Committee, 2009 – 2012

  Of note: Of 14 boys who started in my Cub Scout Den in 2002, 7 earned their Eagle Scout Award. The National Average is 0.6%.
6. Consultant services

I have not conducted any independent consultation work since 2001 due to my position as Associate Director of the Center for Human Identification. I feel that fee for service consultation to other law enforcement agencies would constitute a conflict of interest.

VII. Scholarly activity

1. Grants and contracts – funded


**Ibis Biosciences, Inc. (subcontract on JFBI08257)** Validation of SNP panels on Ibis T5000. 2010-2012 Role: PI Award amount: $232,201

**HealthPoint LLC.** Investigating survival of allogenic cells in excisional acute cutaneous wounds. 2010-11. Role: PI Award amount: $18,853

**Bond University Limited/US Department of Defense.** Phenotypic Information from Crime Scene. 2009-2010. Role: Co-PI Award amount: $209,611


**TCOM Intramural Grant, UNTHSC.** Genetic and Psychosocial Predictors or Response to OMT in Low Back Pain. Award No. G64001. 2008-2009. Role: PI Award amount: $25,000


**National Institute of Justice.** Award No. 2006-DN-BX-K129. Developing of Improved Capacity for the University of North Texas Health Science Center's DNA Identity Laboratory 2006-2009. Role: Co-PI  Award Amount: $819,081

**National Institute of Justice.** Field test of current technology used in the identification of unidentified remains. Grant Award # 2004-DN-BX-K214, Role: PI  Award Amount: $325,111

**Faculty Research Grant, UNT-HSC.** Topic: Development of a virtual array assay for Y chromosome polymorphisms. FY 2003 Role: PI  Award Amount: $25,000

**Federal Bureau of Investigation.** Development and validation of a virtual array typing system for mitochondrial DNA polymorphisms. Role: PI  FBI Contract # JFBI02133 9/29/02-9/28/04 Award Amount: $412,500

**Alzheimer’s Disease Research Grant, UNT-HSC.** Alzheimer’s Disease screening via automated genetic arrays. FY 2002 Role: Co-PI Award Amount: $25,000

2. **Grants and contracts – pending**

None at present

3. **Grants and contracts – not funded**

**National Institute of Justice.** Development and Validation of PCR-Free DNA Typing Strategies via Real-Time High Throughput Sequencing. FY 2013 Role: PI  Funding requested: $996,957

**UTSW CTM Translational Pilot Program.** Novel circulatory microRNAs as biomarkers for Alzheimer's disease in Mexican Americans. FY 2014  Role: PI Funding request: $64,000

**IADRR Pilot Grant.** Nuclear-Mitochondrial OXPHOS Genes: Admixture effect on coevolved metabolic systems. FY 2014  Role: PI  Funding request: $33,496

**Alzheimers Association.** Deep Sequencing Circulating miRNAs for Novel Biomarkers in Alzheimer's. FY 2013. Role: Co-PI  Funding requested: $249,875

**National Institute of Justice.** Evaluation of Composite Genotyping Strategies via Deep Sequencing. FY 2012 Role: PI  Funding requested: $904,170

**National Institute of Justice.** Enhanced Microsatellite Analysis: Evaluating Regulation of Stepwise Mutation Mechanism by Interrupted Repeat Motifs. FY 2011 Role: PI  Funding requested: $697,984

**National Institute of Justice.** Development and Evaluation of an Expanded STR Panel for Relationship Testing. FY 2011 Role: PI  Funding requested: $998,481

**National Institute of Justice.** Development and Validation of a Relationship Testing Super Panel. FY 2010 Role: PI  Funding requested: $3,412,302


**American Heart Association.** Genomic variations of atherosclerotic inflammatory markers by race/ethnicity. FY 2009 Role Co-PI  Funding requested: $112,860

**National Center for Complementary and Alternative Medicine.** Multifactorial Study of Response to Spinal Manipulation for Chronic Low Back Pain. FY 2008  Role Co-PI  Funding requested: $1,800,000

**NIEHS: Environmental Health Sciences.** A Comprehensive Assessment of Background Benzene. FY2009  Role Co-PI  Funding requested: $3,573,938

**National Institute of Justice.** Evaluation of DNA Repair Systems for Compromised Samples and Unidentified Remains Samples. FY 2007 Role: PI  Funding requested: $322,525

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### 4. Invited seminars

#### a. Local and state


Planz, J. V. 2001. Calculation of mixture statistics. Tarrant County District Attorney’s Workshop, Fort Worth, TX. Invited speaker


b. National


Planz, J. V. 2002. SNPs, Chips and Microspheres: Alternative typing methods for mitochondrial DNA polymorphisms for forensic testing. FBI Community Forum on
Mitochondrial DNA Testing (held in conjunction with the 53rd Annual Meeting of the American Academy of Forensic Sciences, February 11, 2002, Atlanta, GA). Invited speaker


c. International


5. Publications

a. Full-length papers – published


b. Full-length papers – in press

N/A
c. Full-length papers – submitted (please provide a copy)

N/A

d. Chapters, reviews, books


e. Abstracts

N/A

6. Presentations at professional and/or scientific meetings (list only those presentations not listed as a published abstract), RAD


7. Continuing education

In 2012, Online and Onsite training was provided to participants in the NIJ funded Comprehensive Training Program in Forensic DNA Interpretation and Statistics. This program provided 40 hours of continuing education to 140 crime laboratory personnel nationwide and is now available as a self directed training program on the NIJ training site and on our own Online training site: http://web.unthsc.edu/info/200210/molecular_and_medical_genetics/2842/online_training.

8. Professional scholarly activities

a. Journal reviewer for....

Nature
Nature Reports
Forensic Science International: Genetics
Forensic Science Review
Texas Journal of Science
Journal of Forensic Science
European Journal of Legal Medicine
Investigative Genetics

b. Grant reviewer for....

National Institute of Justice
National Science Foundation

c. Book reviewer for....

CRC Press

d. Scientific session reviewer for....

American Academy of Forensic Science
International Symposium on Human Identification

e. Abstract reviewer for ....

American Academy of Forensic Science
International Symposium on Human Identification

f. Educational/Scientific Consultant for....

Federal Bureau of Investigation
National Institute of Justice  
Royal Canadian Mounted Police  
State of Virginia  
State of New York  
State of Georgia

g. Scholarly activities (work-in-progress)

Serve on the Editorial Board for:

Nature Methods  
Journal of Forensic Investigation  
Annals of Forensic Research and Analysis

h. Organizer of Scientific/Medical/Educational meeting or symposia

2012-13 Organized and Developed Online training program in DNA Interpretation and Statistics held online and onsite at UNTHSC described in Item 7 above.

VIII. Professional societies

Note: Memberships prior to 1995 not reported as I transitioned out of research and into the forensic services field.

1. Memberships

American Association of Blood Banks  
American Academy of Forensic Sciences  
Association of Forensic DNA Analysts and Administrators (AFDAA)  
International Society for Forensic Genetics  
Texas Crime Laboratory Director’s Association  
Society for Molecular Biology and Evolution  
American Society for Human Genetics  
Society for the Study of Evolution

2. Offices held

Chairperson, AFDAA, 1995-1997

3. Activities involvement (national, state, local)

N/A

4. Supportive documentation

a. Teaching

1. Evaluation of quality – peer reviews  
   N/A  

2. Evaluation of quality – student evaluations  
   Course and faculty evaluations from 2012-2016
Alan L. Podawiltz, D.O., M.S., FAPA
3423 Bridlegate Drive
Arlington, Texas 76016
Office-(817) 927-3642
E-Mail alan.podawiltz@unthsc.edu or apodawil@jpshealth.org

EDUCATION

Undergraduate
- University of Oregon, Eugene Oregon, Bachelor of Science in Political Science, Secondary Emphasis: Public Affairs, Community Development, and Community Services. August 1978

Graduate

Medical
- Doctor of Osteopathy, Oklahoma State University, Tulsa, Oklahoma, College of Osteopathic Medicine, May 20, 1995

Residency
- Psychiatric Resident Internship, Portland, Oregon, Department of Psychiatry, Oregon Health Sciences University, July 1, 1995 - June 30, 1996.
- General Psychiatric Residency, Lubbock, Texas, Department of Neuropsychiatry and Behavioral Sciences, Texas Tech University Health Sciences Center, July 1, 1996 - June 30, 1999.

Post Graduate
- Clinical Research Fellow, Lubbock, Texas, Texas Tech University Health Sciences Center, January 2001 - December 2001.

Certification
- American Board of Psychiatry and Neurology, General Psychiatry, June 2004, MOC February 9, 2015-February 2025
- Texas State Board of Medical Examiners: K1900 (Active)
- Oregon State Board of Medical Examiners: 20027 (Inactive)

PROFESSIONAL EXPERIENCE

August 2016 – Present
Chair Department of Psychiatry & Behavioral Health, Acclaim Physician Group, Fort Worth, Texas.

September 2012 – Present
Chair & Associate Professor, Psychiatry & Behavioral Health, University of North Texas Health Science Center at Fort Worth, Fort Worth, Texas.

October 2005 – Present
Chair, Department of Psychiatry, JPS Health Network, Fort Worth, Texas.

September 2015 – August 2016
Executive Director, Mental Sciences Institute, University of North Texas Health Science Center at Fort Worth, Fort Worth, Texas

October 2005 – August 2012
Chair & Assistant Professor, Psychiatry & Behavioral Health, University of North Texas Health Science Center at Fort Worth, Fort Worth, Texas.
PROFESSIONAL EXPERIENCE (continued)
April 2009 – September 2009
Interim Vice President of Health Affairs, Texas College of Osteopathic Medicine, University of North Texas Health Science Center at Fort Worth, Fort Worth, Texas.
November 2008 – April 2009
Acting Dean, Texas College of Osteopathic Medicine, University of North Texas Health Science Center at Fort Worth, Fort Worth, Texas.
December 2004 - October 2005
Chair, Department of Psychiatry, North Texas Affiliated Medical Group, Fort Worth, Texas.
August 2003 – December 2004
Interim Chair, Department of Psychiatry, North Texas Affiliated Medical Group, Fort Worth, Texas.
August 2003 – October 2005
Interim Chair, Department of Psychiatry, University of North Texas Health Science Center, Texas College of Osteopathic Medicine, Fort Worth, Texas.
August 2003 – October 2005
Interim Chair, Department of Psychiatry, John Peter Smith Hospital, Fort Worth, Texas.
January 2002 - June 2003
Director of Residency Training, John Peter Smith Hospital Network, Department of Psychiatry, Fort Worth, Texas.
November 2001 – October 2005
Staff Psychiatrist, North Texas Affiliated Medical Group, Fort Worth, Texas.
July 1999 - December 2001
Director of Residency Training, Instructor, Department of Neuropsychiatry, Texas Tech University Health Sciences Center, Lubbock, Texas.
July 1999 – February 2002
Staff Psychiatrist, Assistant Instructor, Department of Neuropsychiatry, Texas Tech University Health Sciences Center, Lubbock, Texas.
July 1998 - June 1999
Psychiatric Chief Resident, Post Graduate Year Four, Department of Neuropsychiatry and Behavioral Sciences, Texas Tech University Health Sciences Center, Lubbock, Texas.
July 1996 - June 1999
Psychiatric Resident, Department of Neuropsychiatry and Behavioral Sciences, Texas Tech University Health Sciences Center, Lubbock, Texas.
July 1995 - June 1996
Psychiatric Resident, Post Graduate Year One, Department of Psychiatry, Oregon Health Sciences University, Portland, Oregon.
August 1991 - May 1995
Medical School, Oklahoma State University College of Osteopathic Medicine, Tulsa, Oklahoma.
January 1987 - August 1991
Training Specialist III, Oklahoma Department of Mental Health, Public Information, Prevention, and Human Resource Development Division, Oklahoma City, Oklahoma.
August 1984 - December 1986
Human Resource Development Education Coordinator, Oklahoma Department of Mental Health, Public Information, Prevention, and Human Resource Development Division, Oklahoma City, Oklahoma.
December 1978 - June 1981
Graduate Advisor, Wallace School of Community Service and Public Affairs, University of Oregon, Eugene, Oregon.
Division Head-Community Services, E.S.C.A.P.E. Field Studies Program, University of Oregon, Eugene, Oregon.
August 1973 - August 1975
Graphic Illustrator, Headquarters United States Army Europe, Office of the Deputy Chief of Staff Operations, Executive Division, Heidelberg, Germany.
January 1973 - August 1973
Clerk Typist, Headquarters United States Army Europe, Office of the Deputy Chief Staff Operations, Plans Division, Heidelberg, Germany.
HONORS & AWARDS
1. Top Docs, Psychiatry Category, Texas Monthly Magazine, April 2016
2. Texas Super Doctors®, Psychiatry Category, Texas Monthly Magazine, December 2015
3. Top Docs, Psychiatry Category, Texas Monthly Magazine, April 2015
5. Top Docs, Psychiatry Category, Texas Monthly Magazine, April 2014
7. Top Docs, Psychiatry Category, Texas Monthly Magazine, April 2013
8. Texas Super Doctors®, Psychiatry Category, Texas Monthly Magazine, December 2012
11. Top Docs, Psychiatry Category, Fort Worth Magazine, April 2011
12. Texas Super Doctors®, Psychiatry Category, Texas Monthly Magazine, December 2010
13. Texas Higher Education Star Award presented to JAMP, THE Coordinating Board, November 2010
14. Top Docs, Psychiatry Category, Fort Worth Magazine, April 2010
16. Top Docs, Psychiatry Category, Fort Worth Magazine, April 2009
17. Texas Super Doctors®, Psychiatry Category, Texas Magazine, December 2008
18. Top Docs, Psychiatry Category, Fort Worth Magazine, April 2008
20. Top Docs, Psychiatry Category, Fort Worth Magazine, April 2007
22. American Psychiatric Association Fellow, December 2006
23. Top Docs, Psychiatry Category, Fort Worth Magazine, April 2005
24. Mentor of the Year, Department of Psychiatry, Psychiatric Residents, John Peter Smith Hospital, June 2004
25. Certificate of Appreciation, Texas Medication Algorithm Project, April 1999
26. Recipient of the Psychiatric Resident of the Year Award presented by Pfizer U.S., May 13, 1999
27. Eli Lilly U.S. Psychiatric Congress Fellow, November 13, 1997
28. Recipient of The Psychiatry and Behavioral Sciences Department Award, Oklahoma State University College of Osteopathic Medicine, May 19, 1995
29. Dean’s Award for Academic Excellence, Oklahoma State University, College of Osteopathic Medicine, December 1993
30. Class of 1995 Student Appreciation Award, Oklahoma State University College of Osteopathic Medicine, December 1991
31. Alpha Eta Alpha Chapter of the Phi Theta Kappa Honor Society at Rose State College, Midwest City, Oklahoma

TEACHING EXPERIENCE
1. UNTHSC-FW – Behavioral Science Content Coordinator 2002 - Present
   A. Lectures or courses – Medical
      • University of North Texas Health Science Center, Texas College of Osteopathic Medicine, Second Year Medical Students, Behavioral Science Instructor: Academic Years 2002 – Present
      • University of North Texas Health Science Center, Texas College of Osteopathic Medicine, Third Year Medical Students, Psychiatry Rotations (Monthly Rotation Schedule)
   B. Lectures or courses -- Physician Assistant
      • University of North Texas Health Science Center, Texas College of Osteopathic Medicine, Second Year PA Students, Behavioral Health Course Instructor: Academic Years 2003 – 2005, 2013, 2014
   C. Professional Presentations
      • John Peter Smith Health Network Overview, MSII Orientation, July 2011
      • Realities of Medical School, MSI Orientation, July 2010
TEACHING EXPERIENCE (continued)

- Difficult Patients “Ethical and Legal Considerations”, JPS Psychiatry Grand Rounds, December 2006
- Realities of Being Married in Medical School, MSI Orientation, July 2005
- Antidepressants and Female Sexual Dysfunction, JPS Psychiatry Grand Rounds, February 2002

D. Supervision

- **Student Rotations -- Medical and/or PA**
  2. Elizabeth Rourke, DO Student, (2011-2012) HOME Project
  4. Madeline Terillion, DO Student, (2010-2011) HOME Project
  5. Campbell Garland, DO Student, (2010-2011) HOME Project

- **Graduate Students -- Major Professor and/or Committee Member**
  1. Doug Segars, MPH/DO Student, Committee Member (2006-2007)

2. **Texas Tech University Health Sciences Center - Lubbock**

   A. **Lectures or Courses – Medical**
      - Texas Tech University Health Sciences Center First Year Medical Students. Introduction to Neuropsychiatric Disorders – (3hrs) 1999-2000, 2000-2001
      - Texas Tech University Health Sciences Center Medical School, Amarillo Third Year Medical Students. Substance Abuse Disorders, 1999-2000; Confidentiality, 1999-2000; Ethics, 1999-2000
      - Texas Tech University Health Sciences Center Third Year Clinical Rotations, Oral Examiner 1999 – January 2002
      - Texas Tech University Health Sciences Center Fourth Year Clinical Rotation Supervisor
      - Psychiatry Rotation Coordinator, Third year Medical Students, Texas Tech University Health Sciences Center, Lubbock, Texas, July 2001 - December 2001

3. **Psychiatry Residency Training**

   A. **John Peter Smith Hospital, Psychiatric Residency Program**
      - John Peter Smith Hospital, Psychiatry Residency Program ACGME Residency Review Committee Site visit, August 2002
      - John Peter Smith Hospital, Tarrant Count Hospital District, Department of Psychiatry Residency Training, Intro to Addictive Psychiatry, Working with the Aggressive Patient, Introduction to Psychotherapy, 1 hour each didactic week, Depressive Disorders, Psychotic Disorders, ECT Training, Spring 2002 – Present
TEACHING EXPERIENCE (continued)

- John Peter Smith Hospital, Psychiatry Residency Program Resident Supervision and Clinical Preceptor 4 Residents, 2002-Present
- John Peter Smith Hospital, Psychiatry Residency Program Resident Didactic and Education Schedule, 2002 – present
- John Peter Smith Hospital, Psychiatry Residency Program Implemented Formal Mock Oral Program, May 2002 – Present
- John Peter Smith Hospital, Psychiatry Residency Program Evaluation Criteria Development, Resident Evaluations by faculty; Resident Evaluations of faculty, Resident Evaluations of Rotations January; Global 360 degree evaluation of Residents January 2002
- John Peter Smith Hospital, Psychiatry Residency Program Revised Resident Goals and Objectives, January 2002 – present

B. Texas Tech University Health Sciences Center, Residency Training Program

- Texas Tech University Health Sciences Center Psychiatry Residency Program ACGME Residency Review Committee Site visit, October 2001
- Texas Tech University Health Sciences Center Resident Supervision and Clinical Preceptor; 5 Residents 2000-2001; 4 Residents 1999-2000
- Designed and Implemented Formal Mock Oral Program, May 2000
- Mock Oral for Psychiatry Residents 2000 – 2001
- Revised Resident Goals and Objectives 1999 – 2001
- Neuropsychiatric Focused Didactic Schedule 1999 – 2001
- Preceptor for Masters Nursing Student, July 2000 - December 2000

C. Resident Program Policy Development

- Preceptor Program Policy
- Call Responsibility Policy
- Vacation Policy
- Moonlighting Policy
- Revised Resident Rotation Goals and Objectives
- Member of the Internal Medicine Internal Review Committee
- Developed the 2000 Neuropsychiatry Internal Review Report
- Developed the Program Information Form for the 2001 Review of TTUHSC, Department of Neuropsychiatry, Psychiatric Residency Program

SERVICE

1. UNTHSC Committee Memberships

- UNTHSC Institutes, Executive Committee, August 2015-Present
- TCOM Executive Committee formerly TCOM Chairs Committee, UNTHSC, August 2003-Present
- TCOM Academy of Medical Educators, August 2010-Present
- Chair, Budget and Finance Committee, UNTHSC, September 2008-2012
- Director, Joint Admission Medical Program (JAMP), UNTHSC, TCOM, May 2003-Present
- TCOM Admissions Committee, UNTHSC, August 2002-Present
- Board of Directors, UNTHSC, October 2005-Present
- Leadership Development Institute, UNTHSC, November 2008-Present
- President’s Council for Strategic Clinical Affairs, UNTHSC, August 2006-2012
- Resource Optimization Committee, UNTHSC, September 2005-Present
- Executive Team, UNTHSC, November 2008-August 2009
- Vice President, UNTHSC, November 2008-2009
- Council of Deans, UNTHSC, November 2008-2009
SERVICE (continued)

2. Professional Service -- Local, State, National, and International
   • Chair Acclaim President Search Committee, Fort Worth Texas, January 2016
   • Board of Directors, JAMP, State of Texas, August 2012-Present
   • Chair, Board of Directors, JAMP, State of Texas, August 2009-August 2012
   • Chairs Committee, John Peter Smith Hospital Network, August 2003-Present
   • Board of Directors, JAMP, State of Texas, May 2003-Present
   • Medical Practice Committee, John Peter Smith Hospital Network, August 2003-Present
   • Medical Executive Committee, John Peter Smith Hospital Network, August 2003-Present
   • FREW Advisory Council, November 2008-April 2011
   • Mental Health Association of Tarrant County, Board Member 2003-2010
   • Vice Chair, Board of Directors, JAMP, State of Texas, August 2007-August 2009
   • Mental Health Connections, 2005-2009
   • Peer Review Committee, North Texas Affiliated Medical Group, August 2003-October 2005
   • Chairs Committee, North Texas Affiliated Medical Group, August 2003-October 2005
   • Medical Education Committee, Member, John Peter Smith Hospital Network, January 2002-Present
   • Graduate Medical Education Task Force, Liaison Committee on Medical Education (LCME), Texas Tech University Health Sciences Center, October 1999-December 2001
   • GME Committee, Texas Tech University Health Sciences Center, July 1999-December 2001
   • Physician Rehabilitation Committee, Texas Medical Association, September 1997-July 2000
   • President, Medical Staff at Sunrise Canyon Hospital, September 2000-February 2001
   • Sunrise Canyon Risk Management Committee, July 1998-February 2001
   • Texas Medication Algorithm, Schizophrenic Research Project, December 1997-June 2000
   • Residency Training Committee, Oregon Health Sciences Center, School of Medicine, Department of Psychiatry, August 1995-June 1996
   • Curriculum and Revision Task Force, Oklahoma State University, College of Osteopathic Medicine (COM), July 1992-June 1993
   • Class President, Class of 1995, Oklahoma State University, COM, July 1992-June 1993
   • Student Senate, Undergraduate American Academy of Osteopathy, July 1992-June 1993
   • President, Student's Osteopathic Surgery Association, Oklahoma State University, COM, December 1992-June 1993
   • Administrator, Wilkinson Trust for the Oklahoma Department of Mental Health and Substance Abuse Services, June 1990-August 1991
   • Trainer of the Trainers, Oklahoma AIDS Research and Education, September 1988-August 1991
   • Arbitrator, Oklahoma City Branch of the Better Business Bureau, October 1987-December 1990
   • Vice President, Alpha Eta Alpha Chapter of the Phi Theta Kappa Honor Society at Rose State College, Midwest City, Oklahoma, July 1985-June 1986

SCHOLARLY ACTIVITY

1. Research Support

   Claassen (PI) 2008-2010
   Timberlawn Psychiatric Research Foundation
   When do Family Relationships Fail to Protect against Self-Harm during Suicidal Crisis?
   Role: Site PI

   Cruser (PI) 2007-2009
   Analysis of Emergency and Inpatient Psychiatric Services Utilization within the JPS Health Network
   Role: Co-Investigator
SCHOLARLY ACTIVITY (continued)

**Podawiltz (PI)** 2012-2013
Texas Medical Research Collaborative
Treatment Alternatives for Depression: Determining the Prevalence of TRD (Treatment Resistant Depression) in a Sample Population.
Role: Site PI

**Cruser (PI)** 2006-2010
The Role of Residual Effects of Trauma in Serious Mental Illness
Role: Co-Investigator

**Jones (PI)** 2006-2010
UNTHSC Psychiatry and Behavioral Health Department
Animal Behavior under Chronic Stress Conditions
Role: Co-Principal Investigator

**Lykens (PI)** 2007-2010
Individual Factors of an Incarceration History Contributing to Frequent Psychiatric Emergency Service Utilization
Role: Co-Principal Investigator

**Podawiltz (PI)** 2007-2009
UNTHSC Obstetrics and Gynecology Department
Depressive Symptoms and Correlates among Perinatal Women
Role: Co-Principal Investigator

**Podawiltz (PI)** 2007-2009
Pfizer; A Six Week Double Blind Multicenter Placebo Controlled Study Evaluating the Efficacy and Safety of Flexible Doses of Oral Ziprasidone as add-on, adjunctive therapy with Lithium, Valproate or Lamotrigine in Bipolar 1 depression
Role: Principal Investigator

**Podawiltz (PI)** 2006-2008
Factors Affecting Length of Stay at the JPS Trinity Springs Pavilion Psychiatric Inpatient Unit
Role: Principal Investigator

**Podawiltz (PI)** 2001-2002
Texas Technical University Health Sciences Center
Determining Treatment Needs and Outcomes for Forensic Psychiatry Outpatients
Role: Principal Investigator

**Cruser (PI)** 2001-2002
Hogg Foundation for Mental Health Services
Major goal of this study: Stress and Coping in Female Parolees with Mental Illness in Austin, TX
Role: Co-Investigator

**Podawiltz (PI)** 2001-2002
The 5HT7 Receptor: Site of Action of Antidepressant Drugs

**Podawiltz (PI)** 2001-2002
Religion and Depression and their relationship to Suicide

**Podawiltz (PI)** 2001-2002
Factors Associated with Missed First Appointments to a Psychiatric Clinic

**FID-MC-HGGU Weddige (PI)** 1999-2001
Olanzapine versus Risperidone and Placebo in the Treatment of Psychosis and Associated Behavioral, Disturbances in Patients with Dementia
Role: Investigator
SCHOLARLY ACTIVITY (continued)

Rush, John (PI) 1997-1999
Texas Medical Algorithm Project (TMAP) Phase III, Schizophrenia Arm
Role: Site Co-Investigator

Podawiltz (PI) 1999
Gabapentin: It's Role in Treating Mood and Anxiety States in Persons Addictive Diseases

Podawiltz (Co-PI) 2007
UNTHSC Health Disparities Grant – Intramural Award Program
Health Access Disparities for Low-Income, Minority Perinatal Women at Risk for Depression
Role: Co-Principal Investigator

2. Invited Seminars
   A. Local and State
      1. Camp Neuro
      2. Train Your Brain
      4. Integrating Behavioral Health, DSRIP, Learning Conference, Dallas, Texas, June 2015
      5. Depression, Fort Worth Chapter of American Academy of Professional Coders, 5th Annual Cowtown Coding Conference, June 20, 2015
      8. Depression, Fine Line Guest Speaker, Fort Worth Museum of Sciences, Fort Worth, Texas, Memorial Day May 25, 2015
      9. American Board of Family Medicine Self-Assessment Module on Depression, Primary Care Summit, Fort Worth, May 1, 2015
         Depression – Appropriate Drugs for Great Results, 32nd Annual Dr. Stanley Weiss Primary Care Update, South Padre Island, Texas, June 29, 2013
     11. Adult Attention Deficit Disorder, 32nd Annual Dr. Stanley Weiss Primary Care Update, South Padre Island, Texas, June 29, 2013
     12. Suicide, TOMA/TxACOFP 6th Joint Annual Convention, Frisco, Texas, June 15, 2013
     14. Update on Depression Diagnosis and Management in Primary Care, 27th Annual North Texas Family Medicine Update, UNTHSC, Fort Worth, Texas, April 19, 2013
     16. Addiction Medicine and Trauma, JPS Trauma Surgery Grand Rounds, JPS, Fort Worth, Texas, October, 17, 2011
     18. Interventions for Aggressive Behavior, (Grand Rounds-Via satellite feed), Presented to the Department of Internal Medicine, Texas Tech University Health Sciences Center, Lubbock, Amarillo, El Paso, Midland-Odessa, Texas, January 20, 2000.

   B. National
      1. Integrating Behavioral Health, VITAL 2015, America’s Essential Hospitals, San Diego, California, June 25, 2015


C. International


3. Publications

A. Full-Length Papers


3. What the Joint Admissions Medical Program (JAMP) Can do for Texas and Texas Physicians can do for JAMP, 2012, Texas Medicine

4. A motor vehicle collision involving a veteran: at teaching case from the joining forces teaching curriculum for medical students, 2012, Maryland Medicine


SCHOLARLY ACTIVITY (continued)


B. Chapters and Books


3. Case Management Certification Program, Psychopharmacology Chapter, 30 pages, Oklahoma Department of Mental Health and Substance Abuse Services, Contributor, December 1990.


5. The Law and Mental Health in Oklahoma, 240 pages, Oklahoma Department of Mental Health and Substance Abuse Services, Contributor, March 1988.

6. Mental Health Worker I, 360 pages, Oklahoma Department of Mental Health and Substance Abuse Services, Editor, November 1987.


4. Poster Presentations


5. Presentations at Professional and/or Scientific Meetings

- Depression: A review for Primary Care, JPS Primary Care Meeting, October 12, 2015
- Prescribing and Tapering Benzodiazepines, JPS Community Medicine, Fort Worth, September 16, 2015
- Anxiety Disorders (an overview for Primary Care Providers), JPS Community Medicine, Fort Worth, Texas, February 20, 2014
- Depression: Appropriate Drugs for Great Results, JPS Community Medicine, Fort Worth, Texas, November 19, 2013
- Depression – Appropriate Drugs for Great Results, 32nd Annual Dr. Stanley Weiss Primary Care Update, South Padre Island, Texas, June 29, 2013
- Adult Attention Deficit Disorder, 32nd Annual Dr. Stanley Weiss Primary Care Update, South Padre Island, Texas, June 29, 2013
- Suicide, TOMA/TxACOF 6th Joint Annual Convention, Frisco, Texas, June 15, 2013
- Update on Depression Diagnosis and Management in Primary Care, 27th Annual North Texas Family Medicine Update, UNTHCSC, Fort Worth, Texas, April 19, 2013
- Diagnosing Bipolar Disorder: Signs and Symptoms (Psychlopedia Activity), Webinar Presentation, The Journal of Clinical Psychiatry, CME Institute, October 2011
- Psychosocial Aspects of Diabetes, Annual Dr. Stanley Weiss Conference, PACE , August 2011
- Bipolar Disorder: Lessons for Rural Physicians – Adjunctive Interventions for Maintaining Remission, PACE, August 2011
- When You Have to Be the Psychiatrist, Combat Related Mental Health Issues, Ask the Psychiatrists – Open Discussion on Psychiatric Issues in Primary Care, 28th Annual Dr. Stanley Weiss Practical Topics in Primary Care, Sheraton South Padre Island Beach Hotel, June 25, 2008.
- Depression in Women at Midlife and Beyond, American College of Osteopathic Family Physicians, Denver Fort Worth, Texas, March 15, 2008.
SCHOLARLY ACTIVITY (continued)

- Preventing Delirium in the Hospital, A. Podawiltz, 3rd Annual Hospital Medicine Update, Copper Mountain, Colorado, January 12, 2008.
- Psychiatric Emergencies in the Hospital, A. Podawiltz, 3rd Annual Hospital Medicine Update, Copper Mountain, Colorado, January 13, 2008.
- Depression in Women at Midlife and Beyond, Texas Society of the American College of Osteopathic Family Physicians, 50th Annual Clinical Seminar, Hilton Ft Worth, Fort Worth, Texas, July 28, 2007.
- Depression in Women at Midlife and Beyond, 27th Annual Dr. Stanley Weiss Practical Topics in Primary Care, Padre, Texas, June 28, 2007.
- Depression in Women at Midlife and Beyond, Arizona Biltmore, Phoenix, Arizona, June 1, 2007.
- Traumatic Life Experiences in Psychiatric Outpatients: Implications for Clinical Practice Wednesday, Grand Rounds, University of North Texas Health Science Center, May 16, 2007.
- Psychological Aspects of Diabetes, TOMA 51st Mid-Winter Conference Legislative Symposium, Dallas, Texas, February 9, 2007.
- 2nd Annual Hospital Medicine Update, Psychiatric Emergencies in the Hospital, Copper Mountain, Colorado, January 10, 2007.
- Interventions for Aggressive Behavior, (Grand Rounds), Podawiltz, Alan, L., D.O., Presented to the Department of Neuropsychiatry, Texas Tech University Health Sciences Center, Lubbock, Texas, January 18, 2000.
- Occurrence of Symptoms of Dissociative Disorders in Female County Jail Inmates (1995). Stone, MA, Podawiltz, AL, & Cruser, dA. Poster presentation at the American Academy of Forensic Sciences, Seattle, WA.
PROFESSIONAL SOCIETIES
National:
American Osteopathic Association, 1991 - Present
American Medical Association, 1996 - Present
American Psychiatric Association, 1996 - Present
State:
Texas Medical Association
Texas Osteopathic Medical Association
Texas Society of Psychiatric Physicians
Local:
Tarrant County Medical Society
Tarrant Society of Psychiatric Physicians

OFFICES HELD
November 2008-September 2009
Tarrant County Medical Society, Board of Directors, Ex-Officio
October 2003 – Present
Physician Rehabilitation Committee, Member, Tarrant County Chapter, Texas Medical Association
Tarrant County, Texas Society of Psychiatric Physicians. Vice President
January 2004 – June 2005
Tarrant County, Texas Society of Psychiatric Physicians. Communications Secretary
Curriculum vitae

Date Prepared: Feb. 15, 2017

Name: Mary Ellen Quiceno, M.D.

Office Address: 5323 Harry Hines Blvd., MC 9129, Dallas, TX 75390-9129

Work Phone: 214-648-6321

Work E-Mail: Mary.Quiceno@UTSouthwestern.edu

Work Fax: 214-648-3385

Education

<table>
<thead>
<tr>
<th>Year</th>
<th>Degree (Honors)</th>
<th>Field of Study (Thesis advisor for PhDs)</th>
<th>Institution</th>
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<tbody>
<tr>
<td>1990-1994</td>
<td>BS</td>
<td>Psychobiology</td>
<td>University of Miami, Coral Gables, FL</td>
</tr>
<tr>
<td>1995-1999</td>
<td>MD</td>
<td>Medicine</td>
<td>University of Miami, Miami, FL</td>
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Postdoctoral Training

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<th>Year(s)</th>
<th>Titles</th>
<th>Specialty/Discipline</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999-2000</td>
<td>Internship</td>
<td>Internal Medicine</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>2000-2003</td>
<td>Residency</td>
<td>Neurology</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>2003-2004</td>
<td>Fellowship</td>
<td>Behavioral Neurology &amp; Dementia</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
</tbody>
</table>

Current Licensure and Certification

Licensure
Texas Medical Board, expires 5-31-2017

Board and Other Certification

Quiceno 1
### Honors and Awards

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of Honor/Award</th>
<th>Awarding Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>Victor Rivera Resident Research Award</td>
<td>UTSW Neurology Department</td>
</tr>
<tr>
<td>2012</td>
<td>Interprofessional Education Collaborative Curriculum Module Development Award</td>
<td>American Academy of Medical Colleges Funded by the Josiah Macy Jr. Foundation supported with funding by the Josiah Macy, Jr. Foundation awarded to Kristine Kamm, Susan Simpkins, Amit Shah, Roopali Gupta, Kim Hoggart, and myself.</td>
</tr>
<tr>
<td>2013</td>
<td>Travel Award to present at American Academy of Neurology Annual Meeting</td>
<td>Convergence Steering Committee at UTSW</td>
</tr>
<tr>
<td>2013</td>
<td>Woman of the Year</td>
<td>Altrusa International, Inc., Richardson, TX Club</td>
</tr>
</tbody>
</table>

### Faculty Academic Appointments

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Academic Title</th>
<th>Department</th>
<th>Academic Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-2005</td>
<td>Volunteer Clinical Faculty</td>
<td>Neurology</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>2006-2015</td>
<td>Assistant Professor of Neurology</td>
<td>Neurology</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>2015-present</td>
<td>Associate Professor of Neurology</td>
<td>Neurology</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
</tbody>
</table>

### Appointments at Hospitals/Affiliated Institutions

#### Past

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Position Title</th>
<th>Department/Division</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-2005</td>
<td>Staff physician</td>
<td>Neurology</td>
<td>Presbyterian Hospital of Dallas, Dallas, TX</td>
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</table>

#### Current

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Position Title</th>
<th>Department/Division</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>2006-current</td>
<td>Attending physician</td>
<td>Neurology</td>
<td>Parkland Memorial Hospital, Zale Lipshy &amp; Clements University Hospitals</td>
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</table>
### Other Professional Positions

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Position Title</th>
<th>Institution</th>
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<tbody>
<tr>
<td>2004-2005</td>
<td>Neurologist</td>
<td>Neurology Consultants of Dallas, PA</td>
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### Major Administrative/Leadership Positions

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Position Title</th>
<th>Institution</th>
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<tbody>
<tr>
<td>2007-2009</td>
<td>General Neurology Section Head</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>2010-present</td>
<td>Cognitive &amp; Memory Disorders Clinic Director</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>2015-present</td>
<td>Fellowship Director, Behavioral Neurology &amp; Dementia Fellowship accredited by the United Council on Neurologic Subspecialties</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>2016-present</td>
<td>Co-Director, Combined Psychiatry &amp; Neurology Residency Program</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
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</table>

### Committee Service (Member, unless noted otherwise)

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Name of Committee</th>
<th>Institution/Organization</th>
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</thead>
<tbody>
<tr>
<td>UTSW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009 to 2012</td>
<td>Neurology Residency Interviewer</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
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<tr>
<td>2009</td>
<td>Ambulatory Clinics EPIC Committee</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
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<tr>
<td>2010-present</td>
<td>Neurology Leadership Committee</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
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<tr>
<td>2012 to 2013</td>
<td>Medical School Interviewer</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
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<tr>
<td>2012-2015</td>
<td>Alternate Faculty Senate Representative, Neurology</td>
<td>University of Texas Southwestern Medical Center, Dallas, TX</td>
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State/Regional

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Name of Committee</th>
<th>Institution/Organization</th>
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<tbody>
<tr>
<td>2014</td>
<td>Texas Council on Alzheimer’s Disease and Related Disorders</td>
<td>Texas Department of State Health Services</td>
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National/International

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Name of Committee</th>
<th>Institution/Organization</th>
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<tbody>
<tr>
<td>2011-present</td>
<td>Steering Committee, representing UTSW</td>
<td>NIA Alzheimer Disease Cooperative Study Group</td>
</tr>
<tr>
<td>2013</td>
<td>Council of Faculty and Academic Societies, Junior Faculty Representative from UTSW &amp; member of Evaluations Committee</td>
<td>Association of American Medical Colleges</td>
</tr>
<tr>
<td>2014</td>
<td>Outreach, Recruitment &amp; Education Core Steering Committee Elected Member</td>
<td>NIA Alzheimer Disease Research Centers</td>
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### Professional Societies

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Society/Committee</th>
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<tbody>
<tr>
<td>2001-present</td>
<td>American Academy of Neurology, member</td>
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<tr>
<td>2004-present</td>
<td>Dallas County Medical Society, member</td>
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<tr>
<td>2004-present</td>
<td>Texas Medical Association, member</td>
</tr>
<tr>
<td>2013-present</td>
<td>American Neurological Association, member</td>
</tr>
<tr>
<td></td>
<td>Committees</td>
</tr>
<tr>
<td>2011-present</td>
<td>American Academy of Neurology, Behavioral Neurology &amp; Geriatric Neurology &amp; AB Baker (Education) Sections</td>
</tr>
<tr>
<td>2016-present</td>
<td>American Academy of Neurology, AB Baker (Research Methodology, Education &amp; History) program planning committee</td>
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### Grant Review Activities

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Name of Review Committee</th>
<th>Organization</th>
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<tbody>
<tr>
<td>2010-present</td>
<td>ADC Pilot Project Review Committee</td>
<td>UTSW Alzheimer’s Disease Center</td>
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<td>2010-present</td>
<td>Friends of the ADC Grant Review Committee</td>
<td>UTSW Alzheimer’s Disease Center</td>
</tr>
<tr>
<td>2015, 2016</td>
<td>NIH Ad hoc R01 grant reviewer (Alzheimer disease)</td>
<td>National Institutes of Health (NIH): National Institute on Aging (NIA)</td>
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### Editorial Activities

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Journal Name</th>
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<tbody>
<tr>
<td>Ad Hoc Reviewer</td>
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</tr>
<tr>
<td>2012</td>
<td>Continuum: Lifelong Learning in Neurology</td>
</tr>
<tr>
<td>2013</td>
<td>JAMA Neurology</td>
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### Invited Lectures

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Title</th>
<th>Location</th>
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<tr>
<td></td>
<td><strong>National</strong></td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td><em>Alzheimer Disease: Diagnostic Tools &amp; Emerging Treatments</em></td>
<td>Louisiana Alzheimer Association Caregiver Conference, Shreveport, LA</td>
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<tr>
<td>2013</td>
<td>Speaker at AB Baker Education Symposium on <em>Interprofessional Education</em></td>
<td>American Academy of Neurology, San Diego, CA</td>
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<tr>
<td>Year</td>
<td>Topic</td>
<td>Organizer/Location</td>
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<tr>
<td>------</td>
<td>--------------------------------------------</td>
<td>-------------------------------------------------------------------------------------</td>
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<tr>
<td>2007</td>
<td><strong>Alzheimer Disease</strong></td>
<td>UT Southwestern Women’s Day Symposium</td>
</tr>
<tr>
<td>2007</td>
<td><strong>Neuropsychiatric Issues in Parkinson Disease</strong></td>
<td>American Parkinson Disease Association, Northeast Texas Chapter Fall Parkinson Disease Symposium</td>
</tr>
<tr>
<td>2008</td>
<td><strong>Dementia Syndromes</strong></td>
<td>Terrell State Hospital, Terrell, TX Grand Rounds</td>
</tr>
<tr>
<td>2009</td>
<td><strong>Dementia Syndromes</strong></td>
<td>Hendrick Medical Center in Abilene, TX, Annual CME symposium</td>
</tr>
<tr>
<td>2010</td>
<td><strong>Challenges in Moderate Stage Alzheimer Disease</strong></td>
<td>Richard J Price Caregiver Symposium sponsored by the Greater Dallas Chapter of the Alzheimer’s Association</td>
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<tr>
<td>2011</td>
<td><strong>Memory and Cognitive Health</strong></td>
<td>Heritage Ranch, Fairview, TX</td>
</tr>
<tr>
<td>2011</td>
<td><strong>End of Life Issues in Alzheimer Disease</strong></td>
<td>Richard J Price Caregiver Symposium sponsored by the Greater Dallas Chapter of the Alzheimer’s Association</td>
</tr>
<tr>
<td>2012</td>
<td><strong>African Americans &amp; Alzheimer Disease</strong></td>
<td>Fabulous 50 to Sexy at 60 Lecture Series sponsored by the National Physician &amp; Family Referral Project (NPFR)</td>
</tr>
<tr>
<td>2012</td>
<td><strong>The Latest in detecting &amp; Preventing Memory Loss</strong></td>
<td>Presbyterian Hospital of Dallas, Grand Rounds</td>
</tr>
<tr>
<td>2012</td>
<td><strong>Alzheimer Disease: Diagnostic Tools and Emerging Treatments</strong></td>
<td>Grand Rounds East Texas Medical Center, Tyler, TX</td>
</tr>
<tr>
<td>2012</td>
<td><strong>The Latest in detecting &amp; Preventing Memory Loss</strong></td>
<td>CC Young, Dallas, TX. Featured speaker at the annual Body, Mind &amp; Spirit Lecture Series</td>
</tr>
<tr>
<td>2012</td>
<td><strong>Alzheimer Disease: Diagnostic Tools and Emerging Treatments</strong></td>
<td>UT Tyler, Tyler, TX Grand Rounds</td>
</tr>
<tr>
<td>2013</td>
<td><strong>Alzheimer Disease: Diagnostic Tools and Emerging Treatments</strong></td>
<td>23rd Annual Myron Weiner, MD Geriatric Psychiatry Conference, UTSW</td>
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<tr>
<td>2013</td>
<td><strong>Alzheimer Disease: Diagnostic Tools and Emerging Treatments</strong></td>
<td>East Texas Family Physician Annual Conference, Carthage, TX</td>
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<tr>
<td>2013</td>
<td><strong>Alzheimer Disease: Diagnostic Tools and Emerging Treatments</strong></td>
<td>Alzheimer’s Association North Central Texas Chapter Annual Caregiver Conference, Ft. Worth, TX</td>
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<tr>
<td>Year</td>
<td>Event Title</td>
<td>Location/Description</td>
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<tr>
<td>2013</td>
<td>Alzheimer Disease: Diagnostic Tools and Emerging Treatments</td>
<td>Internal Medicine Grand Rounds at Presbyterian Hospital of Dallas, Dallas, TX</td>
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<tr>
<td>2014</td>
<td>Alzheimer Disease: Emerging Treatments</td>
<td>AWARE lecture series speaker (Alzheimer’s Women’s Association to Reach &amp; Engage), Dallas, TX</td>
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<tr>
<td>2014</td>
<td>Alzheimer Disease</td>
<td>North Texas Nurse Practitioners (NTNP) Annual CE Conference, Dallas, TX</td>
</tr>
<tr>
<td>2014</td>
<td>Understanding &amp; Identifying Stages of Dementia due to Alzheimer’s Disease Workshop</td>
<td>31st Annual Adult Protective Services Conference, Texas Dept. of Family &amp; Protective Services</td>
</tr>
<tr>
<td>2014</td>
<td>Alzheimer’s Disease</td>
<td>UTSW Academic Clinical Provider Lecture Series for Nurse Practitioners &amp; Physician Assistants</td>
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<tr>
<td>2015</td>
<td>Diminished Capacity: When Philanthropy and Mental Health Collide</td>
<td>Partnership for Philanthropic Planning</td>
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<td>2015</td>
<td>Alzheimer disease</td>
<td>Dallas County Dental Society, Retired Dentists</td>
</tr>
<tr>
<td>2016</td>
<td>Diminished Capacity: When Philanthropy and Mental Health Collide</td>
<td>Dallas Estate Planning Council</td>
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<tr>
<td>2016</td>
<td>Maintain Your Brain: Update on Prevention of Memory Loss</td>
<td>Federal Judges Meeting (Eastern District of Texas)</td>
</tr>
<tr>
<td>2016</td>
<td>Update of the Research and Prevention of Alzheimer Disease</td>
<td>Mindshare 2016 Lecture series in Longview, TX for the Alzheimer’s Association</td>
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<tr>
<td>2016</td>
<td>&quot;Brain Smart&quot;</td>
<td>Mindshare 2016 Lecture series in Dallas, TX for the Alzheimer’s Association</td>
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<tr>
<td>2016</td>
<td>Update on the Research and Prevention of Alzheimer Disease</td>
<td>Mindshare Lecture series in Irving, TX for the Alzheimer’s Association</td>
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<tr>
<td>2016</td>
<td>ORE Core Fall Meeting</td>
<td>Organizer, Steering Committee Chair</td>
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<tr>
<td>2016</td>
<td>Grand Rounds: Updates in Alzheimer Disease</td>
<td>Dept. of Family Medicine, UTSW</td>
</tr>
<tr>
<td>2016</td>
<td>Updates in Alzheimer Disease</td>
<td>Offered to APPs</td>
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**Mentorship**

<table>
<thead>
<tr>
<th>Year</th>
<th>Mentor</th>
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</thead>
<tbody>
<tr>
<td>2016</td>
<td>Danielle Rucker, MS 2</td>
</tr>
<tr>
<td>2016</td>
<td>Whitney Zentgraf, Pharm D</td>
</tr>
<tr>
<td>2014</td>
<td>Becky Mahan, Pharm D</td>
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</table>

**Service to the Community**

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Role</th>
<th>Organization or institution</th>
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<tbody>
<tr>
<td>2004-2008</td>
<td>North Texas Chapter of the American Parkinson’s Disease Association, Medical Advisory Board</td>
<td></td>
</tr>
<tr>
<td>2011-present</td>
<td>Alzheimer’s Association, Greater Dallas Chapter, Member, Board of Directors</td>
<td></td>
</tr>
<tr>
<td>2014-present</td>
<td>Alzheimer’s Association, Greater Dallas Chapter, Co-Director, Programs &amp; Services Committee</td>
<td></td>
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</table>

**Research Support**

**Current Funding**

<table>
<thead>
<tr>
<th>Study</th>
<th>Status</th>
<th>Sponsor</th>
<th>Dates</th>
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<tbody>
<tr>
<td>P30 Neurobiology of Aging</td>
<td>Clinical Core Investigator</td>
<td>NIH</td>
<td>2007-present</td>
</tr>
<tr>
<td></td>
<td>Education Core PI</td>
<td>NIA</td>
<td>2010-present</td>
</tr>
<tr>
<td></td>
<td>Native American Satellite</td>
<td></td>
<td>2010-2015</td>
</tr>
<tr>
<td></td>
<td>Core Co-PI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TARCC Texas Alzheimer’s Research &amp; Care Consortium</td>
<td>Clinical Core Investigator</td>
<td>State of Texas</td>
<td>2007-present</td>
</tr>
<tr>
<td>Alzheimer’s Disease Cooperative Study</td>
<td>Steering Committee Member</td>
<td>NIH</td>
<td>2011-present</td>
</tr>
<tr>
<td>Expedition 3 Study: Effect of Passive Immunization on the Progression of Mild Alzheimer's Disease: Solanezumab (LY2062430) Versus Placebo</td>
<td>Site PI</td>
<td>Lilly</td>
<td>2013-present</td>
</tr>
<tr>
<td>A4 Study: Anti-Amyloid Treatment in Asymptomatic Alzheimer’s Disease</td>
<td>Site PI</td>
<td>NIH</td>
<td>2013-present</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lilly</td>
<td></td>
</tr>
<tr>
<td>A Phase 3, Multicenter, Randomized, Double-blind, Placebo-controlled Study to Assess the Efficacy, Safety, and Tolerability of AVP-786 (Deuterated [d6]-Dextromethorphan Hydrobromide [d6-DM]/Quinidine Sulfate [Q]) for the Treatment of Agitation in Patients With Dementia of the Alzheimer's Type.</td>
<td>Co-PI</td>
<td>Avanir</td>
<td>2016-present</td>
</tr>
</tbody>
</table>
Bibliography
Peer-Reviewed Publications

Original Research Articles


PubMed Bibliography

https://www.ncbi.nlm.nih.gov/sites/myncbi/1pcvAt9S0oxQf/bibliography/43483694/public/?sort=date&direction=descending

Workgroup Affiliations

Texas Alzheimer's Research and Care Consortium

Alzheimer’s Disease Imaging Initiative

Alzheimer’s Disease Cooperative Study group

Case Reports


Reviews, Chapters, Monographs and Editorials

Non-peer reviewed scientific or medical publications/materials in print or other media

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>3.</td>
<td>Abstract &amp; poster displayed at the International Dementia with Lewy Bodies Conference in Dec 2015, titled Dementia with Lewy Bodies in American Indians: a Case Series</td>
</tr>
<tr>
<td>4.</td>
<td>Abstract accepted at AAN 2017: &quot;Instrumented Gait and Balance Analyses in Progressive Supranuclear Palsy and Mild Cognitive Impairment compared with Parkinson Disease&quot;</td>
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</tbody>
</table>
Educational

University of Texas Medical Branch
Galveston, Texas
Doctor of Medicine, High Honors
Honors: Alpha Omega Alpha, Gold Humanism Honor Society, Surgery Clerkship Award
August 2005-May 2009

University of North Texas
Denton, Texas
Post Baccalaureate Education
January 2004-May 2005

Baylor University
Waco, Texas
Bachelor of Science in Nursing, Cum Laude
Honors: Sigma Theta Tau, Golden Key National Honor Society, Dean’s List, Gamma Beta Phi
August 1997- May 2001

Internship and Residency

University of Texas Medical Branch
Galveston, Texas
Pediatrics
March 2011-December 2013

University of Texas Medical Branch
Galveston, Texas
Plastic and Reconstructive Surgery
June 2009-February 2011

Work Experience

Acclaim Physician Group
John Peter Smith Hospital
Fort Worth, Texas
Assistant professor, Pediatrician
Faculty in newborn nursery and pediatric clinic for the JPS Family Medicine Residency program,
the JPS Transitional Year program, and the Plaza Family Medicine Residency program.
Responsible for caring for and seeing patients while providing resident and medical student education
by teaching in rounds, at patient bedside and via formal lectures.
November 2016-present

Pediatric Medical Group
North Practice
Richardson, Texas
Newborn nursery hospitalist, attended deliveries and managed newborns in the newborn nursery
and in the special care nursery
February 2014- October 2016

Baylor University Medical Center
Registered Nurse III, Neonatal Intensive Care Unit
Chair of the developmental committee, new graduate preceptor
June 2001-June 2005

Research

Resident Research Project
Breastfeeding and Physician Specialty: Does It Matter?
University of Texas Medical Branch
Mentor: David Rassin, PhD
May 2011-June 2013

Medical Student Summer Research Project
Department of Preventative Medicine and Community Health and the Collaborating Center for Tropical
Diseases, University of Texas Medical Branch, Mentors: E. Guevara, PhD and D. Walker, MD, PhD
Is Typhus Group Rickettsia Re-emerging or Becoming a Trait?
May 2006-June 2006
Research Presentations

- **Pediatrics By The Gulf**
  - Ratliff, J. Rassin, D.
  - *Breastfeeding and Physician Specialty: Does it Matter?*
  
  - **Medical Student Summer Research Program**
  - Davis J, Guevara E, Walker D, and Bouyer D.
  - *Is Typhus Group Rickettsia Re-emerging or Becoming a Trait?*

- **Institute for Human Infections and Immunity/McLaughlin Colloquium**
  - Davis J, Guevara E, Walker D, and Bouyer D.
  - *Is Typhus Group Rickettsia Re-emerging or Becoming a Trait?*

Educational Presentations

- **Developmental Dysplasia of the Hip**
  - March 2017

- **Breastfeeding and the Working Mother**
  - February 2016

- **Congenital Heart Defects**
  - January 2016

- **Low Milk Supply and Galactalogues**
  - August 2013

- **Time Management**
  - March 2013

- **The Case of the Enlarged Spleen – Splenic Sequestration**
  - February 2013

- **Human Bites**
  - January 2013

- **Radiology Morning Report**
  - September 2012

- **Asthma Management**
  - April 2012

- **Suture Workshop**
  - 2012 and 2013

Professional Memberships

- American Academy of Pediatrics
- Texas Pediatric Society
- Texas Medical Association
- Academy of Breastfeeding Medicine
- Christian Medical and Dental Association
- The Milk Mob

License and Certifications

- Texas Medical License P6706
- Board Certified by the American Board of Pediatrics
- Basic Life Support
- Pediatric Advanced Life Support
- Neonatal Advanced Life Support
- International Board Certified Lactation Consultant

Community Service

- **Dallas Christian Women’s Job Corp**
  - Served as a board member
- **Medical Volunteer, The Heights Baptist Church**
  - Helped run first aid stations for church events
- **Preschool Volunteer, The Heights Baptist Church**
  - As needed substitute in the preschool classrooms
Summary

- 7+ years of productive research experience in biomedical and biophysical sciences leading to 40+ peer reviewed research articles.
- 3+ years of teaching experience at college, undergraduate and graduate level institutions in biological and biophysical sciences.
- Demonstrated ability to use learning management software’s (Blackboard, McGraw Hill Connect) along with use of online tools/technology and resources in lectures and laboratory sessions.
- First-hand experience working effectively with culturally and socioeconomically diverse student populations.
- Teaching interests: Introductory biology courses, Biochemistry, Physiology

Work Experience/Positions

- **March 2017-Present** Research Assistant Professor
  UNT Health Science Center, Fort Worth, TX
- **Aug 2016- Present** Adjunct Instructor (Biology)
  Tarrant County College, Fort Worth TX
- **Nov 2013 – Feb 2017** Postdoctoral Research Associate
  Texas Christian University, Department of Physics and Astronomy
  Fort Worth, TX, United States
- **Aug 2009 – Sep 2013** Graduate Research/Teaching Assistant
  University of North Texas HSC at Fort Worth, Department of Biomedical Sciences. Fort Worth, TX, United States
- **Aug 2007 – Jul 2009** Graduate Assistant
  St. John's University, College of Pharmacy and Allied Health Professions
  New York City, NY, United States

Education

- **Aug 2009 – Sep 2013** Ph.D., Biomedical Sciences
  University of North Texas HSC at Fort Worth
  Fort Worth, TX, USA
  Coursework- Biochemistry, Molecular and Cell Biology, Pharmacology, Physiology, Microbiology and Immunology, Cellular and Molecular Fluorescence, Advanced Biophysics

**M.S., Industrial Pharmacy**
St. John's University, NY
New York City, USA


Sep 2003 – Jul 2007

**B.Pharm., Pharmaceutical Sciences**
Shivaji University, Kolhapur
Kolhapur, India

*Coursework* - Biochemistry, Pharmacology, Physical Chemistry, Medicinal Chemistry, Pharmaceutical Analysis, Organic chemistry I, Pharmaceutics, Biostatistics.

**Teaching Assignments**

- **BIOL 1409 General College Biology II**: Lecture and laboratory section, responsible for creating syllabus plan, syllabus involved microbes (bacteria, virus, protists and archaea), plants, animals, human organ systems (11 organ systems), ecology and evolution, undergraduate level course.
- **Undergraduate Biochemistry**: Served as TA for first year students for this course, syllabus included basic biochemistry (proteins, enzymes and kinetics, nucleic acids, lipids, carbohydrates, and membrane transports), undergraduate level course.
- **BIOL 2402 Anatomy and Physiology II**: Lecture and laboratory section, responsible for creating syllabus plan, syllabus involved endocrine, cardiovascular, lymphatic-immune, respiratory, digestive, urinary and reproductive systems, undergraduate level course.
- **MOLB 6220 Cellular and Molecular Fluorescence**: Lecture and laboratory section, Team taught course, syllabus included basic cell and molecular biology, fundamental concepts in fluorescence spectroscopy (fluorophores, lifetime, polarization, quantum yield) and various options to label different structures in the cell/tissue for fluorescence microscopy, graduate level course.
- **CBAN 5201 Biomedical Imaging**: Lecture and laboratory section, team taught course, syllabus included different imaging modalities (fluorescence, MRI, PET, etc.) available to biomedical scientists, responsible for laboratory section on fluorescence experiments, graduate level course.
- **Science Experiment Demonstration Instructor**: As part of STEM outreach activity demonstrated wonderful world fluorescence and biology to 400+ high-school students.

**Awards & Honors**

- *June 2015* - Consulting Editor : International Journal of Nanomedicine
- *May 2013-2014* - Award: UNTHSC The Deans Award for Scholarly Achievement in Research.
- *May 2013* - Award: Outstanding Graduate Student in Biomedical Sciences
- *Apr 2011* - Award: Tech-Fort Worth Innovation Award

**Journal Publications (peer-reviewed only)**

(Total citations: 510, h index: 13, * Corresponding author, ** Papers published with undergraduate students)


Mimicking and Cellular Environments. Physical Chemistry Chemical Physics, 2014, 16 (48), 27037-27042. (IF: 4.49)


Book Chapters


Conference Proceedings Paper


Conference Poster Presentations


4. Enhanced molecular rotor for single molecule detection.

5. Bacteriomimetic Nanoparticles for Immunotherapy against Breast Cancer  
   *American Association of Pharmaceutical Scientist 2014, San Diego, GA. Abstract ID: W5337*

   *American chemical society (ACS) meeting, San Diego, CA, 2012.*

   *Research Appreciation Day (RAD) 2012, UNTHSC, Fort Worth, TX*

   *27th Southern biomedical engineering conference (SBEC), Arlington, TX, 2011. 
   American Association of Pharmaceutical Scientist 2011, Washington DC, MA, Abstract ID: T3118*

9. Evaluation of flc-bsa conjugated nanodiamonds for potential biomedical and biophysical applications.  
   *RAD 2011, UNTHSC, Fort Worth, TX (Recipient of TECH-FortWorth Innovation Award)*

10. Depolarized scattering from silver nanostructures for dye less sensing.  
    *RAD 2010, UNTHSC, Fort Worth, TX*

    *American Association of Pharmaceutical Scientist 2008, Atlanta, GA. Abstract ID: 2982*

    *2nd International Conference on Pharmaceutical Science, Technology and Practice, JSS College of pharmacy Feb 2007, Ooty, Tamilnadu, India*

13. Study the effect of extra granular and intra granular addition of superdisintigrant on diclofenac sodium mouth dissolving tablet characteristics.  
    *Symposium on ‘Recent trends in drug discovery and development’. ABCP college of pharmacy, March 2007 Sangli, India*

14. Effect of chitosan on intrinsic dissolution of BCS class II drug.  
    *58th Indian Pharmaceutical Congress, December 2006, Mumbai, India*

15. Evaluation of bamboo manna as superdisintigrant in mouth dissolving tablets.  
    *58th Indian Pharmaceutical Congress, December 2006, Mumbai, India*

**Grants Funding**

1. Leukemia Texas Foundation 2016: Lipoprotein Based, Multi-Agent Targeted Therapy, for AML in Older (>60Yrs) Patients: **Unfunded**

2. B*Cured Foundation 2016: Novel Lipoprotein-Based SR-B1 Targeted Therapy for Gliomas: **Unfunded**

3. AHA Postdoctoral Fellowship 2015: *Molecular Rotors to Assess the Contractile Performance of Left and Right Ventricles in Diseased Hearts* (Revised Submission): **Unfunded**

4. AHA Postdoctoral Fellowship 2014: *Molecular Rotors to Assess the Contractile Performance of Left and Right Ventricles in Diseased Hearts*. **Unfunded**

5. AHA Predoctoral Fellowship 2010: Application of MEF for Enhanced Detection of Cardiac Biomarkers. **Unfunded**

**Professional Service**

June 12, 2017

- Abstract screener/reviewer for the American Association of Pharmaceutical Scientists (AAPS) annual meeting 2011 in a Physical Pharmacy and Biopharmaceutics (PPB) section. Together with other PPB section screeners we reviewed 442 abstracts.
- Abstract screener for the International Conference on Materials Science (ICMS2015) to be held in Shanghai this coming year.

Community Service

- Worked as a volunteer for ACS Relay for Life event and Alzheimer’s Association local fund raising events in DFW metroplex, 2009-2014.
- Worked as a volunteer for Texas Academy of Biomedical Sciences (TABS) in demonstrating science experiments to about 200 high school kids, 2011-2012.
- Volunteered at Habitat for Humanity for help building homes for families left homeless by natural disasters, and those in need, 2011.
- Volunteered at Tarrant Area Food Bank (TAFB) as a part of ISA community service activity, 2009 and 2010.
- Worked as volunteer in Free Medical Checkup Health Camp at Civil hospital Karad organized by Govt. of Maharashtra State, India 2003.

Leadership Experience

- Served as President of International Student Association (ISA) which has about 100 student members on campus (2011-2012). UNTHSC, Fort Worth, TX.
- Served as Graduate Student Association (GSA) Executive Student Advisor for Department of Biomedical Sciences which trains about 40 graduate students (2011-2012)
- Served as Vice-President of International Student Association (ISA) on campus (2010-2011). UNTHSC, Fort Worth, TX.
- Served as Public Relation Officer of International Student Association (ISA) on Campus (2009-2010), UNTHSC, Fort Worth, TX.
- Secretary of organizing committee for Pharma-Utsav 2004 – A state level Inter-Pharmacy 3 days Educational-Cultural Competition involving about 300 participants.
- Vice-president of ‘Nature Club’ which was part of activity of World Wide Fund for Nature (WWF).

Professional Affiliations

- American Association for the Advancement of Science (AAAS)
- American Association of Pharmaceutical Scientists (AAPS), 2008 and 2011
- Biophysical Society (BPS), 2013
- Sigma Xi Scientific Society, 2014-2015
CURRICULUM VITAE

RUSTIN E. REEVES, Ph.D.
Professor and Director
Center for Anatomical Sciences
University of North Texas Health Science Center
Fort Worth, TX 76107

PERSONAL DATA

Office Address   Center for Anatomical Sciences
University of North Texas Health Science Center (UNTHSC)
Room – RES-232K
3500 Camp Bowie Blvd.
Fort Worth, Texas 76107

Office Phone Number  (817) 735-2050
Office Fax Number  (817) 735-2126
Office E-mail Address  rustin.reeves@unthsc.edu

A. EDUCATION

1992 - 1997  UNT Health Science Center    Ph.D. Biomedical Sciences
1976 - 1980           Texas A&M University    B.S. Agronomy

B. PROFESSIONAL EXPERIENCE AND APPOINTMENTS

2016-present          Cross Appointment, Professor in the Department of Medical Education
2015-present          Director, Center for Anatomical Sciences, UNT Health Science Center
2011-present          Professor, Education Track, Department of Cell Biology and Anatomy,
                     Department of Integrative Physiology and Anatomy, UNTHSC
2010-2015             Vice Chair for Anatomy Education, Department of Cell Biology and Anatomy,
                     Department of Integrative Physiology and Anatomy, UNTHSC
2008-2011             Associate Professor – Cross Appointment, Department of Orthopaedic Surgery,
                     Texas College of Osteopathic Medicine, UNTHSC
2013-present          Graduate Advisor, Structural Anatomy and Rehabilitation Science Graduate
                     Program, UNTHSC
2007-2013             Graduate Advisor, Structural Anatomy Ph.D. Program, Department of Cell Biology
                     and Anatomy, UNTHSC
2006-2011  Associate Professor (with tenure) on Education Track, Department of Cell Biology and Anatomy, UNTHSC

2002-2006  Graduate Adviser, Master of Science in Science Education Program, UNTHSC

1999-2006  Assistant Professor, Education Track, Department of Cell Biology and Genetics, UNTHSC

1998-1999  Instructor – Department of Anatomy and Cell Biology, UNTHSC

1997-1998  Post-doctoral Fellow/Lecturer, Department of Anatomy and Cell Biology, UNTHSC

1996-1997  Graduate Teaching Assistant, Department of Anatomy and Cell Biology, University of North Texas Health Science Center


**Certification and Licensure**

1986  Texas Provisional Secondary Science Teacher Certification (Lifetime) in Biology, University of Texas at Arlington. Arlington, TX.

**C. HONORS AND AWARDS**

2015  Valubility Award of the Year – Finalists, UNTHSC campus-wide award

2014  Basic Science Faculty Award, Class of 2017, Texas College of Osteopathic Medicine

2013  2012-2013 President’s Award for Educational Excellence, Recipient, UNTHSC

2012  2011-2012 President’s Award for Educational Excellence, Nominee, UNHTSC

2010-2012  Graduate Student Association, Golden Apple Award Nominee, UNTHSC

2009  Graduate Student Association, Golden Apple Award Recipient, UNTHSC

2008  “Favorite Faculty” Award, Class of 2008-09 Medical Science Students, Graduate School of Biomedical Sciences, UNTHSC

2006  Healthcare Heroes Award from the Fort Worth Business Press, Project SCORE – “Commitment to outreach and service to the community”

2005  2004-2005 Graduate Student Association “Outstanding Faculty of the Year”, UNTHSC
2003 2003 Research Rising Star Award, Graduate School of Biomedical Sciences, Science Education Outreach Programs, UNTHSC

2003 President Recognition – Project SCORE, Science Outreach Program - Commitment to Best Practices, Evaluation, and Quality Enhancement, UNTHSC

2002 2002 American Association of Anatomists (AAA) Young Faculty Award, presented at Experimental Biology 2002, New Orleans, LA.


1997 2nd Place, Oral Competition, Abbott Laboratories Research Achievement Award, Research Appreciation Day, UNTHSC

1995-1997 Graduate Student of the Year, Department of Anatomy and Cell Biology, UNTHSC

1995 1st Place, Poster Competition, Upjohn Research Achievement Award, Research Appreciation Day, UNTHSC

D. PROFESSIONAL SOCIETIES

Memberships

2005-2014 The Human Anatomy and Physiology Society (HAPS)
2004-present International Association of Medical Science Educators (IAMSE)
2004-2008 National Association of Biology Teachers (NABT)
2004-2010 National Science Teachers Association (NSTA)
2004-2008 Texas Association of Biology Teachers (TABT)
2000-present American Association of Anatomists (AAA)
1999-2005 American Association for the Advancement of Science (AAAS)
1998-present American Association of Clinical Anatomists (AACA)
1997-2001 Society for Experimental Biology and Medicine

National Offices/Positions Held

2008-2011 Councilor-at-large, American Association of Clinical Anatomists
2005-2008 Councilor-at-large, American Association of Clinical Anatomists
2004-2012 Education Listserve Administrator, American Association of Clinical Anatomists
E. TEACHING EXPERIENCE

Courses Taught

Graduate and Medical School

2016-present  MSS2 Embryology, Texas College of Osteopathic Medicine, UNTHSC
2014-present  Co-Course Director, Musculoskeletal System 1, Texas College of Osteopathic Medicine, UNTHSC
2014-2015  Course Director, IPAN 6340, Structural Anatomy of the Human Musculoskeletal System, GSBS
2014  Lecturer, TCOM System 1 GI Course, GI Histology, UNTHSC – filled in for Dr. Robert Wordinger
2014-present  Co-Course Director, IPAN 5401, Structural Anatomy for Medical Science Master’s Program, UNTHSC
2013-2014  Course Director, Structural Anatomy of the Human Gastrointestinal System, CBAN 5334, Graduate School, UNTHSC
2013  Co-Course Director, CBAN 5400 Histology for Medical Science Program, UNTHSC
2013-present  Co-Course Director, Anatomy Pre-matriculation Course for TCOM, PA, and PT Students, UNTHSC.
2011-2013  Co-Course Director, Structural Anatomy 1, CBAN 5400 for Medical Science Masters Program
2010-present  PA/PT Anatomy/Histology, School of Health Professions, UNTHSC
2010 Summer  Instructor, CBAN 5931, Medical Science – Clinical Anatomy of the Upper and Lower Extremity, Summer course.
2009-2011  Course Director, Structural Anatomy 2, Medical Science (GSBS) Anatomy Program, all laboratories and 7 lectures.
2009  Instructor, Medical Science Anatomy, Special Problems course. Summer only.
2009 - Present  Instructor, JAMP Summer Anatomy Course. Summer only.
2006-2012  Course Director/Co-Course Director for TCOM Pre-matriculation Course for incoming students.
2006  Co-Course Director, Anatomy of the Upper and Lower Limb, Summer Human Anatomy Course for Post-baccalaureate students, listed as Special Problems
2005-present  Course Director, Structural and Developmental Anatomy of the Cardiopulmonary System, IPAN (CBAN) 5332, Graduate Course, UNTHSC
2005-2006  Co-Course Director/Instructor, Advanced Anatomy Course for Osteopathic Manipulative Medicine Fellows/Residence

2004-2011 Co-Course Director/Instructor, Clinical Human Anatomy, First Distributed Learning (online) course at UNTHSC,

2003-2004 Course/Program Director and Instructor, Anatomy and Physiology, Summer JAMP Program, UNTHSC.

2002-2009 Course Director/Instructor, Tools for Teaching Science, Graduate Course/Project SCORE Workshop, UNTHSC

2002-present Instructor, Scientific Communications, Graduate Course, UNTHSC

1999-present Instructor – Human Anatomy Laboratory for Systems-based Courses, TCOM Year 1 (all systems, all laboratories, and assigned lectures in MSS, Cardiopulmonary, and Renal Systems)

1999-2009 Course Director/Instructor, Graduate Structural Anatomy, (7 SCH course) for Post-bac and Medical Science programs

1999-2001 Course Director/Instructor, Graduate Structural Neuroscience, UNTHSC

1997-2000 Instructor – Anatomy, Physician’s Assistant Program, UNTHSC

1998-1999 Instructor – Medical Human Anatomy, Embryology, UNTHSC

1997-1999 Instructor – Medical Histology, UNTHSC

1996-1997 Human Anatomy Teaching Assistant – Department of Anatomy and Cell Biology, UNTHSC

1995-1997 Histology Teaching Assistant, Department of Anatomy/Cell Biology, UNTHSC

Secondary Science/Public Schools


1987-1992 Secondary Science Teacher, Courses: 9th grade Regular and Honors Biology, Science Department, Waxahachie High School, Waxahachie, TX

1986 – Fall semester Student Teacher, L.D. Bell High School, Bedford, TX. 9th-grade Biology
Summer Classes and Workshops - Science Education and Outreach

2010-2016 Program Director/Instructor, Texas Academy of Biomedical Sciences, 9th Grade Summer Bridge Program, 100 students annually for 1-week program.

2006-2008 Course Director/Instructor, SCORE/MKITS 9th Grade Summer Science Camp, UNTHSC

2004-2007 Course Director/Instructor, MKITS 6th Grade Summer Science Camp, UNTHSC

2003-2004 Course Director/Instructor, Anatomy and Physiology, Summer Joint Admissions Medical Program (JAMP) for undergraduate students, UNTHSC

2002-present Instructor, JAMP Summer Anatomy and Physiology Program, UNTHSC

Students Mentored

Major Professor/Co-Mentor of Graduate Student

Jessica Juarez PhD Student, Structural Anatomy and Rehabilitation Science, Center for Anatomical Sciences, Co-Mentor, 2016-present

Ricardo Belmares PhD Student, Structural Anatomy and Rehabilitation Science, Center for Anatomical Sciences, Co-Mentor, 2016-present

Philip Escarsega Masters of Science, Clinical Research Management, Statins and PCSK9 Inhibitors: How they have shaped medicine, a comparative review. 2016-2017

Maureen Purcell PhD Student, Structural Anatomy and Rehabilitation Science, Center for Anatomical Sciences, Major Professor, 2014-present

Cara Fisher PhD Student, Structural Anatomy and Rehabilitation Science, Faculty/PhD Student program. Major Professor, 2014-present.


Elizabeth Nelson PhD Student, Structural Anatomy Program, Department of Integrative Physiology and Anatomy, Co-Mentor, 2013-2015. Switched to Dr. Claire Kirchhoff as major professor


Addison Wood DO/PhD Student, Structural Anatomy Program, Department of Cell Biology and Anatomy, Major Professor. 2013-2015; Switched to Rita Patterson; Co-mentor 2015-present.

Tanya Lerma PhD Student, Structural Anatomy Program, Department of Cell Biology and Anatomy, Major Professor, 2012-2015. Switched to Dr. Geoff Guttmann as Major professor. 2014-2015
Vuvi Nguyen  PhD Student, Structural Anatomy Program, Department of Cell Biology and Anatomy, Major Professor. A cadaveric investigation of the dorsal scapular nerve. 2012-2016.


Barrett Cromeens DO/Ph.D. Student, Structural Anatomy Program, Department of Cell Biology and Anatomy, Major Professor, 2009-2012.


Erica Kafka PA/Ph.D. Student, Structural Anatomy Program, Department of Cell Biology and Anatomy, 2009-2011. Withdrew from Program.

Tiffany Davis Ph.D. Student, Structural Anatomy Track, Department of Cell Biology and Anatomy, 2008-2009. Dismissed from program.


Mathew Roso Master of Science, Structural Anatomy Program, Department of Cell Biology and Genetics, 2008-2012.


Joyce Varkey Masters of Science, Clinical Research Management. Analysis of recruitment methods to understand efficient enrollment into a study which is attempting to discover a new risk factor for the preventive treatment of cardiovascular disease with rosuvastatin. 2004-06.

Nathan Vela Masters of Science Education Program, 2004-05 (withdrew)

Ame Barrier  Masters of Science Education Program. Secondary science curriculum: Developing a browser-based constructivists ecosystem. 2002-04.


Graduate Committee Member

Christopher Collins  M.S. Anatomy Track, Medical Science Masters Program, Committee Member, 2016-2017

Jeffrey Chaes  M.S. Anatomy Track, Medical Science Masters Program, Committee Member, 2015-2016

Kiran Kanwar  Ph.D. Student, Major – Kinesiology; Minor – Anatomy, Texas Woman's University, Denton, TX. 2015

Mina Zilaie  M.S. Anatomy Track, Medical Science Program, Committee Member, 2014-15

Victor Lin  DO/Ph.D. Student, Biochemistry and Cancer Biology, University Member, 2014

Ismail Mohiuddin  Masters of Science. Clinical Research Management, Committee Member, 2014

Maximillion Mize  Ph.D. Pharmacology and Neuroscience, Committee Member, 2014

Nicholas Kubelka  Ph.D. Pharmacology and Neuroscience, University Member, 2014

Evan Rainey  M.S. Clinical Research Management, Committee Member 2013-2014

Calvin Chikelue  M.S. Microbiology and Immunology, Committee Member, 2013

Maricelie Dugal  M.S. Pharmacology and Neuroscience, University Member, 2012-2013

Maria-Racella DeGuzman  M.S. Clinical Research Management, Committee Member. 2012-2013
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree and Department</th>
<th>Position and Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mukesh Sahu</td>
<td>Ph.D. Department of Biochemistry and Molecular Biology, University Member</td>
<td>2011-2013</td>
</tr>
<tr>
<td>Jeremy Brown</td>
<td>M.S. Clinical Research Management, Committee Member</td>
<td>2009-2010</td>
</tr>
<tr>
<td>Jinjun Gong</td>
<td>Ph.D. Department of Cell Biology and Genetics, Committee Member</td>
<td>2007-08</td>
</tr>
<tr>
<td>Weis Love</td>
<td>Ph.D. Department of Molecular Biology and Immunology, University Member</td>
<td>2007-08</td>
</tr>
<tr>
<td>Matt Owings</td>
<td>Ph.D., Structural Anatomy Program, Department of Cell Biology and Genetics, Committee Member</td>
<td>2007-present (incomplete)</td>
</tr>
<tr>
<td>Devin Flaherty</td>
<td>Ph.D. Department of Integrative Physiology, University Member</td>
<td>2007-2009</td>
</tr>
<tr>
<td>Ritu Pabla</td>
<td>Ph.D. Department of Cell Biology and Genetics, Committee Member</td>
<td>2007-08</td>
</tr>
<tr>
<td>John Fuller</td>
<td>Ph.D. Department of Cell Biology and Genetics, Committee Member</td>
<td>2007-08</td>
</tr>
<tr>
<td>Amber Ondricek</td>
<td>Ph.D. Department of Biomedical Sciences, Committee Member</td>
<td>2007</td>
</tr>
<tr>
<td>Damien Kinzler</td>
<td>M.S. Osteopathic Manipulative Management, University Member</td>
<td>2007-08</td>
</tr>
<tr>
<td>Marcia Spear</td>
<td>M.S. Department of Molecular Biology and Immunology, University member</td>
<td>2007-08</td>
</tr>
<tr>
<td>Suzanne Gonzalez</td>
<td>Ph.D. Department of Cell Biology and Genetics, Forensic Science, Committee member</td>
<td>2007-08</td>
</tr>
<tr>
<td>Christina Pacchia</td>
<td>Ph.D. Department of Integrative Physiology, University Member</td>
<td>2007</td>
</tr>
<tr>
<td>Tyler Bloomer</td>
<td>Masters of Science, Clinical Research Management, Committee Member</td>
<td>2006-2007</td>
</tr>
<tr>
<td>Tara Tovar</td>
<td>Ph.D. Department of Cell Biology and Genetics, Committee Member</td>
<td>2006-08</td>
</tr>
<tr>
<td>Anthony Chuang</td>
<td>M.S. Department of Molecular Biology and Immunology, Committee Member</td>
<td>2006-2007</td>
</tr>
<tr>
<td>James Flynn</td>
<td>Ph.D. Department of Cell Biology and Genetics, Committee Chair</td>
<td>2005-08</td>
</tr>
<tr>
<td>Angela Prescott</td>
<td>M.S. Forensic Genetics, Department of Cell Biology and Genetics, University Member</td>
<td>2005-2007</td>
</tr>
<tr>
<td>Didi Ebert</td>
<td>M.S. Osteopathic Manipulative Management, Committee Member</td>
<td>2005-2007</td>
</tr>
<tr>
<td>Tracey Minzenmayer</td>
<td>Ph.D. Department of Psychology, University Member</td>
<td>2005-2006</td>
</tr>
<tr>
<td>Allison Heath</td>
<td>M.S. Department of Cell Biology and Genetics, Committee Chair</td>
<td>2005-2006</td>
</tr>
<tr>
<td>Heath White</td>
<td>M.S. Clinical Research and Education, Committee Member</td>
<td>2005-2006</td>
</tr>
</tbody>
</table>
Tushar Thakre  Ph.D. Department of Integrative Physiology, Committee Member, 2004-2007
Elizabeth McCurdy  M.S. Osteopathic Manipulative Management, Committee Member, 2004-2006

**Oral Qualifying Exam Committee**

Victor Lin  Ph.D. Department of Biochemistry and Molecular Biology, University Member, 2014
Nick Kubelka  Ph.D. Department of Pharmacology and Neuroscience, University Member, 2014
Victor Taylor  Ph.D. Department of Cell Biology and Anatomy, Member, 2011.
Jing-wei Fu  Ph.D. Department of Pharmacology and Neuroscience, University Member, 2010.
Hunaid Gurji  Ph.D. Department of Integrative Physiology, University Member, 2009.
Brandon Wurtz  Ph.D. Department of Molecular Biology and Immunology, University Member, 2008
Amber Ondricek  Ph.D. Department of Cell Biology and Genetics, 2008
Yalla Mettikolla  Ph.D. Department of Biomedical Sciences, Member, 2008
Devin Flaherty  Ph.D. Department of Integrative Physiology, University Member, 2007
Mallika Valapala  Ph.D. Department of Biomedical Sciences, Chair, 2007
Myriam Iglewski  Ph.D. Department of Biomedical Sciences. Member. 2006

**BMSC 6010/6310 Committee Member**

Victor Taylor  Ph.D. Department of Cell Biology and Anatomy, Member, 2012.
Barrett Cromeens  Ph.D. Department of Cell Biology and Anatomy, Member, 2011.
Tiffany Davis  Ph.D. Department of Cell Biology and Anatomy, Chair, 2010.
Matt Owings  Ph.D. Department of Cell Biology and Anatomy, Member, 2010.
Hunaid Gurji  Ph.D. Department of Integrative Physiology, Member, 2010.
Mentoring

SMART and McNair Summer Research Programs – Summer Research for Undergraduate Students

Summer 2012  Ashley Kinsall – SMART Scholar
Summer/Fall 2009  Nao Takeuchi – UTA Kinesiology student
Summer 2005  Towanta Reese - SMART Scholar
Summer 2004  Kitrina Nodd, Estela Cardenas, Lorena Gallegos – SMART and McNair Scholars
Summer 2003  Lindsay Smith and Shenequa Nodd – SMART Scholars
Summer 2002  Rakeysha Pinkston – SMART Scholars
Summer 2001  Michael Underwood II and Cera Ridley – SMART Scholars
Summer 2000  Albert Calvin III and April Enard (completed UNTSHC’s post-baccalaureate program, currently enrolled in TCOM) – SMART Scholars

Mentor - Project SCORE Summer Research Experience for Teachers

Summer 2007  Jamie McNeal, High School Science Teacher at Southwest High School, FWISD
Summer 2006  Jamie McNeal, High School Science Teacher at Southwest High School, FWISD
Summer 2005  Jamie McNeal, High School Science Teacher at Southwest High School, FWISD

Junior Faculty Mentor

2016-present  Magda Muchlinski, Associate Professor, Center for Anatomical Sciences
2016-present  Scott Maddux, Assistant Professor, Center for Anatomical Sciences
2011-2013  Rehana Lovely, Assistant Professor, Department of Cell Biology and Anatomy, Junior Faculty Mentor
2010-2012  Claire Kirchhoff, Assistant Professor, Department of Cell Biology and Anatomy, Junior Faculty Mentor
2009-2011  Cara Fisher, Instructor, Department of Cell Biology and Anatomy, Junior Faculty Mentor
2002-2009  Gary Scott, Ph.D., Program Manager of Project SCORE, Research Assistant CBAN
Mentoring of Medical/Graduate Students

2011-2012  Shawn Hughes, Anatomical Research Project, TCOM Student – Class of 2015
2011-present Addison Wood, Anatomical Research Project, TCOM Student – Class of 2015
2009      Matt Roso, Tiffany Davis, Matt Owings, Jessica Alexander – Student Prosectors
2008-2009 Cara Fisher, Graduate Student, Department of Cell Biology and Genetics
2002      George Gibson, Jeremy Huff – Student Prosectors
2001      Tom Sozio, Sonya Clark, Kay North, Terrie Flatt, Shelle Smith, Ankit Patel – Student Prosectors

Other Mentorship

2003-2005 Catherine R. Gresham, Physician Assistant Program – Graduation 2005
2004-2005 Ashlee Inman, M.S. School of Public Health, MKITS Fellow

F. SERVICE

UNTHSC Committee Memberships Positions

2016-present UNTHSC/TCU MD School Curriculum Planning Committee, UNTHSC, Member
2016-present TCOM Curriculum Committee, Texas College of Osteopathic Medicine, Member
2016-present Valubility of the Year Award Selection Committee, University-wide, Member
2016-present Student Performance Committee, Texas College of Osteopathic Medicine, Member, Appointed by Don Peska, Dean, June 7, 2016
2016 Vulnerability Assessment Team, US Department of Homeland Security, Fort Worth 1st Responders, and UNTHSC Personnel, Committee Member
2016-present Graduate School of Biomedical Sciences, Traditional Graduate Student Admissions Committee, Member
2015       Graduate School of Biomedical Sciences, Promotion and Tenure Committee, Ad hoc Member
2015-present Student Doctor of the Year Selection Committee – Medical Student Government Association, TCOM/UNTHSC
2015       School of Health Professions, Promotion and Tenure Committee, Ad hoc member
2015-2016  Infection Control Committee, Faculty Member
2014-2015  Admissions Committee, Masters of Medical Science Program, Graduate School of Biomedical Sciences, UNTHSC, Member
2014-2016  Center for Diversity and International Programs Council, Member, UNTHSC
2013-2014  Faculty Grievance and Appeals Committee, Chair, Elected Position
2013-2014  Graduate Program Reorganization Committee, GSBS
2013-2015  Medical Science Core Curriculum Committee, GSBS
2012-present  Curriculum Liaison Committee, UNTHSC
2012-2013  UNTHSC Annual Awards Screening Committee, UNTHSC
2012-2013  Faculty Grievance and Appeals Committee, Elected Position, UNTHSC
2012-2014  TCOM Curriculum Planning Committee, Development of New Curriculum, TCOM
2012-2013  School-wide Ad hoc Committee, Review of Potential Risk Exposure to Minors
2012-2015  Faculty Compensation Committee, UNTHSC
2012  Faculty Workload Committee, Graduate School of Biomedical Sciences
2011-2013  Promotion and Tenure Committee, Graduate School of Biomedical Sciences, UNTHSC. Chairman
2011  Masters of Medical Science Program Review Panel, Chairman, Graduate School of Biomedical Sciences, UNTHSC
2011-2012  Student Conduct Committee, TCOM, Chairman
2011-2013  Scholarship, Loans and Awards Committee, UNTHSC, Chairman
2010-2012  UNTHSC Faculty Senate. Elected position
2010-present  Admissions Policy Advisory Committee, Texas College of Osteopathic Medicine, GSBS Representative, Member
2009-2011  Promotion and Tenure Committee, Graduate School of Biomedical Sciences, At-large Member, UNTHSC. Elected position
2009-2010  Scholarship, Loans and Awards Committee, UNTHSC
2009-2012  DO/PhD Dual-degree Program Selection Committee
2008-2009  Bylaws Review Committee, Graduate School of Biomedical Sciences, UNTHSC
2007-2008  Scholarship, Loans and Awards Committee, Texas College of Osteopathic Medicine, Interim Chairman, UNTHSC
2007-present  Student Performance Committee, Physician Assistant Program, UNTHSC. Appointed on September 1, 2014 for another 3-year term.

2007-2012  President’s Strategic Thinking Council for Community Engagement, Council member, UNTHSC

2007-2009  Admissions Committee, Masters of Medical Science Program, Graduate School of Biomedical Sciences, UNTHSC

2006-2009  Promotion and Tenure Committee, Graduate School of Biomedical Sciences, Ad hoc member, UNTHSC

2006-2009  Graduate School of Biomedical Sciences’ Scholarship Selection Committee, UNTHSC

2004-2008  Scholarship, Loans and Awards Committee, Texas College of Osteopathic Medicine, Member, UNTHSC

2002-2006  Distributed Learning Planning Group, UNTHSC, Chairman

2002-2006  Information Resource Working Group, UNTHSC

2002-2006  Institutional Effectiveness Committee, Sub-committee for President’s Award for Best Practices, Review Panel, UNTHSC

2002-present  Graduate School of Biomedical Sciences, Graduate Council, Member

2001-2006  Institutional Effectiveness Committee, UNTHSC

2001-2010  Student Performance Committee, Texas College of Osteopathic Medicine, UNTHSC.

2001-2003  UTA 7-year Advisory Committee, B.S./D.O. Program, Joint Program with the University of Texas at Arlington and the Texas College of Osteopathic Medicine, Founding Member.

2000-2003  Medical School Admissions Committee, TCOM/UNTHSC

2000-2001  Enhancing Communication Committee, UNTHSC

1997-1998  Vice President, Postdoctoral Scholars Association, UNTHSC

**Department Committee Membership**

2015-present  PA/PT Anatomy Curriculum Committee, Member

2014-present  Structural Anatomy and Rehabilitation Sciences Faculty Advisory Committee, Member

2010-present  Anatomy Education Committee, Chair, Department of Cell Biology and Anatomy, Department of Integrative Physiology and Anatomy, currently Center for Anatomical Sciences, UNTHSC
2008-present  Department of Cell Biology and Anatomy, Integrative Physiology and Anatomy, and currently Center for Anatomical Sciences - Scholarship Committee, Member and Chair

2008-present  Graduate Adviser, Structural Anatomy and Rehabilitation Sciences Ph.D. Track, Department of Cell Biology and Anatomy, Department of Integrative Physiology and Anatomy, and now in the Center for Anatomical Sciences, UNTHSC

2007-2009  Medical Education Committee, Chair. Department of Cell Biology and Genetics. UNTHSC.

2006-2013  Faculty Selection Committee, Department of Cell Biology and Anatomy, Department of Integrative Physiology and Anatomy, and now in the Center for Anatomical Sciences, UNTHSC

2004-2007  Academic Affairs Committee, Chairman, Department of Cell Biology and Genetics, UNTHSC

2001-2002  Search Committee, Gross Anatomy Laboratory Instructor, Department of Pathology and Anatomy, UNTHSC, Chairman

1999-2004  Academic Affairs Committee, Department of Pathology and Anatomy, UNTHSC

**UNTHSC – Other Service**

2017-present  Team Tours Advisory Council, Office of Communications, UNTHSC, Member

2016  Selection Committee – Student Doctor of the Year Award, Council of Osteopathic Student Government Presidents, TCOM, Member

2016  Coordinator – TCOM Histology Lectures/Assessment for 1st Year Medical Curriculum

2016  Search Committee, Chair Position for Department of Physical Therapy, School of Health Professions, UNTHSC, Member

2016  Selection Committee, Associate Director of the Medical Science Program, GSBS, Member

2016  Selection Committee, CRM Director, GSBS, Member

2016  Search Committee Chair, Two Faculty Positions, Center for Anatomical Sciences

2015-present  2016 Student Doctor of the Year Award Selection Committee – UNTHSC, Member

2015-present  Student Leadership Academy – Faculty Mentor

2013-2014  Online Education Planning Committee, Graduate School of Biomedical Sciences

2010-2011  Salary/Compensation Focus Group, Faculty Senate, UNTHSC

2008-2012  Director of the Bioskills Research and Education Laboratory (BSREL), Department of Cell Biology and Anatomy, UNTHSC
2008-present  Texas Academy of Biomedical Sciences (TABS) Advisory Committee, TABS Coordinator for UNTHSC, Joint Project with UNTHSC, UNT-Denton, Tarrant County College, and the Fort Worth ISD

2006-2013  Supervisor, Embalming Facilities and Staff, Department of Cell Biology and Anatomy

2005-2011  Medical School Interview Workshop for Post-baccalaureate (Med Science) Premedical Certification Program.

2002-2010  Chair, Executive Committee, Project SCORE. Evaluation and oversight of NSF-funded Project SCORE.

2002-2005  Panelists, Introduction to Industry Practice/Career Panel, Sponsored by the Graduate School of Biomedical Sciences, UNTHSC

2002-2004  Basic Science Coordinator, UNTHSC Joint Admissions Medical Program (JAMP)

2001-2012  Medical School Admissions/Outreach Tours of Human Anatomy Laboratory

2001-2004  Panelists, Prospective Medical Student Advisory Panel, UNTHSC

1996-2005  SMART and McNair Scholars program mentor for undergraduate minority and underrepresented students, UNTHSC.

1993-1995  START summer enrichment program mentor for minority high school students, science research projects at UNTHSC.

**Professional Service – Local, State, National, International**

2015  Facility Inspection Team, Texas State Anatomical Board

2015  Nomination Committee, Texas State Anatomical Board

2013-present  Texas State Anatomical Board Representative – UNT Health Science Center

2013  Paschal High School Scientific Review Committee (SRC), Reviewer

2011-2013  North Texas Regional P-16 Council, Member

2011-2013  North Texas Regional P-16 Council; Research, Accountability, Assessment Subcommittee, Member

2008-2011  Councilor-at-large, 2nd-term, American Association of Clinical Anatomists

2007-2010  Project Advisory Committee, NIH-NCCAM Research Education Project Partnership Grant, Osteopathic Research Center. UNTHSC.

2007-2008  Health Professions Information Days. Richland College, Dallas, TX. Panelists for Medical, Osteopathic, and Dental Schools.

2007-2009  Membership Committee, the American Association of Clinical Anatomists
2007-2009  Planning Committee for the Fort Worth ISD Biomedical Science/Biotechnology Institute, currently TABS (Texas Academy for Biomedical Science)

2007-2008  Program Committee for the 2008 Meeting of the International Association of Medical Science Educators (IAMSE).

2006-2007  Advisory Council for the "Preparing Academically Successful Students (PASS)" grant, Fort Worth Independent School District, funding from the Texas Education Agency.


2005-2007  Councilor-at-large, 1st-term, American Association of Clinical Anatomists

2004-2005  Program Committee for the 4th Joint Meeting of the American Association of Clinical Anatomists/British Association of Clinical Anatomists in New York City, July, 2005. Symposium Chair, Science Outreach Programs at Health Science Centers in the U.S.

2004-2012  Education Listserv Administrator, American Association of Clinical Anatomists

2003-present  Board Member, Secretary/Treasurer, Computer-based Anatomy Products, Inc. (CAPI), Fort Worth, TX

Community Service

2010-2011  Habitat for Humanity, Collin County, TX.

2009-2010  Acting Team Manager, Texas Aces Tier II-16U Ice Hockey Team. McKinney, TX.

2009-2010  Faculty Sponsor, University of North Texas Ice Hockey Team. UNT-Denton Campus.

2008-2009  Director of Team Development, Board Member, Plano East Hockey Assn., Plano, TX.


2007-2008  Advisory Committee for Board of Directors, Plano East Hockey Association. Plano, TX.

2006-2007  Member, Landscaping Committee, Suncreek Home Owners Association, Allen, TX.

2005-2008  Assistant Coach, Texas Aces Hockey, Youth Ice Hockey Organization, Plano, TX.


2003-2004  Volunteer, Plano Independent School District, 5-th Grade, Science Camp Counselor (1-week), Camp Classen/Outdoor Learning Facility, Ardmore, OK.

2002-2008  Judge, Science Fair, Paschal High School, Fort Worth Independent School District
1999    Judge, Science Fair, Hedgecoxe Elementary School, Plano ISD.
1995-1998  Judge, Science Fair, North Side High School, Fort Worth ISD.
1991-1993  Volunteer, Waxahachie High School Science Club, sponsored by the Texas National Research Laboratory Commission in conjunction with the Superconducting Supercollider (SSC) Project in Ellis County, TX

G. PROFESSIONAL ACTIVITIES

Book and Journal Reviewer

2015-present    Medical Science Educator, Journal for the International Association of Medical Science Educators, Springer (publisher)
2010-present    Argentine Journal of Clinical Anatomy (Revista Argentina de Anatomia Clinica)
2006-present    Journal Reviewer for Medical Education

Grant Reviewer

2010            Grant Review Panel, Texas Education Agency, Science Technology Engineering and Mathematics (STEM) Center Grants
2009            Seed Grant Peer Review Panel – UNT Health Science Center
2008            Grant Review Panel, National Science Foundation (NSF), Graduate Teaching Fellows in K-12 Program, Review Panelists, Washington D.C.
2004            Grant Review Panel, National Science Foundation (NSF), Math and Science Partnership Award, Review Panelists, Washington D.C.

Abstract Reviewer

2016-2017        Reviewer for the 2017 Annual Meeting of the American Association of Clinical Anatomists, Minneapolis, MN.
2015-2016  Reviewer for the 2016 Annual Meeting of the American Association of Clinical Anatomists, Oakland, CA.

2015-2016  Abstract Review Committee for the 2016 Meeting of the International Association of Medical Science Educators (IAMSE).


2012-2013  Abstract Review for the 2013 Meeting of the International Association of Medical Educators, St. Andrews, Scotland.

2012-2013  Abstract Review for 2013 Annual Meeting of the American Association of Clinical Anatomists, Denver, CO.

2011 – 2012  Abstract Review for 2011 Annual Meeting of the American Association of Clinical Anatomists, Columbus, OH.

2009-2010  Abstract Review Committee for the 2010 Meeting of the American Association of Clinical Anatomists (AACA)

2008-2009  Abstract Review Committee for the 2009 Meeting of the International Association of Medical Science Educators, Leiden, Netherlands (IAMSE).

2007-2008  Abstract Reviewer for the 2008 Annual Meeting of the International Association of Medical Science Educators, Salt Lake City, UT


**Consultant**


2009  National Science Foundation, SMILE Grant Proposal, Patti Gwirtz, Principal Investigator, Graduate School of Biomedical Sciences, UNTHSC, $3,000,000. Not funded.

2007-2009  ASAP Program. Grant sponsored by the Texas Education Agency. Recruit graduate students and schedule field trips/activities on the health science center campus for the following FWISD campuses; South Hills, Eastern Hills, Polytechnic, Paschal, O.D. Wyatt, New Lives, and Success High School. Contract for $8995.00 administered through the Department of Cell Biology and Genetics. Funded.

2008  YMCA of Fort Worth, Afterschool CATCH Kids Club, Grant proposal consultation. Proposed Administrator of External Evaluation Team from UNTHSC. Not funded.
**Advisory Board Member**


**Meeting Session Moderator, Chair, Judge**

June 2013  **Focus Session Organizer/Chair, Session title: “K-12 Science Outreach Funding: An Opportunity Often Overlooked in Medical Education”. International Association of Medical Educators, St. Andrews, Scotland, UK.**

July 2010  **Session Moderator: Tech-Fair Session, Annual Meeting of the American Association of Clinical Anatomists, Honolulu, Hawaii.**

2006-2008  **Judge: Annual Meeting of the American Association of Clinical Anatomists, Sandy C. Marks Jr. Student Poster Presentation Award.**

July 2005  **Symposium Chair: 4th Joint Meeting of The American Association of Clinical Anatomists and the British Association of Clinical Anatomists. New York City, NY. Symposium on "The Role of Medical Health Science Institutions in preK-12 Outreach Programs", my presentation: 'Human Anatomy: the perfect tool for stimulating K-12 teachers' and students’ curiosity about science.**

**H. SCHOLARLY ACTIVITY**

**Grants and Contracts**

**Funded**

2016-2017  JP Morgan/Chase Foundation Grant. Funding for the Texas Academy of Biomedical Sciences. Summer 2017 Program and 2015-16 Preceptorship Program. 1 year contract @ $100,000. PI and Program Coordinator.

2016  Human Anatomy Pre-matriculation Course, Summer course at UNTHSC for 78 students. $8,190 total raised; $5,618 for Anatomy faculty/programs; $2,470 for student scholarships.

2015-2016  JP Morgan/Chase Foundation Grant. Funding for the Texas Academy of Biomedical Sciences. Summer 2016 Program and 2015-16 Preceptorship Program. 1 year contract @ $75,000. PI and Program Coordinator.

2015-2016  UNTHSC Intramural Pilot Funding Grant. The role of posterior tibial slope in achieving physiological patellofemoral kinematics and cruciate strain retaining vs constraining implant designs. 1 year contract @ $20,000. Co-PI with Russell Wagner, MD as PI. Dual degree student Addison Wood's research project.
2015-2016 Veterans Administration (VA) North Texas Health Care System (Dallas), VA Interagency Personnel Agreement. Million Veterans Program. 1 year contract @ $58,000. PI.

2015 Human Anatomy Pre-matriculation Course, Summer course at UNTHSC for 116 students. $11,600 total raised; $7,957 for Anatomy faculty/programs; $3,410 for student scholarships.

2014-2015 JP Morgan/Chase Foundation Grant. Funding for the Texas Academy of Biomedical Sciences. Summer 2015 Program and 2014-15 Preceptorship Program. 1 year contract @ $75,000. PI and Program Coordinator.

2014 Human Anatomy Pre-matriculation Course, Summer course at UNTHSC for 153 students. $15,300 total raised; $8,680 for Anatomy faculty/programs; $4,498 for student scholarships.

2013-2014 JP Morgan/Chase Foundation Grant. Funding for the Texas Academy of Biomedical Sciences. Summer 2014 Program and 2014-15 Preceptorship Program. 1 year contract @ $50,000. PI and Program Coordinator.

2013 Fort Worth ISD, Texas Academy of Biomedical Sciences, 2013 Summer Bridge Program, 1 year contract @ $17,600. PI and Program Coordinator.

2013-15 Veterans Administration (VA) North Texas Health Care System (Dallas), VA Interagency Personnel Agreement. Million Veterans Program. 2 year contract @ $116,000. PI.

2013 Small Equipment Grant, Graduate School of Biomedical Sciences, PI, UNTHSC. $23,500.

2013 Human Anatomy Pre-Matriculation Course, Summer course at UNTHSC for 124 students. $12,400 total raised; $8,680 for Anatomy faculty/programs; $3,720 for student scholarships.

2012 Fort Worth ISD, Texas Academy of Biomedical Sciences, 2012 Summer Biomedical Science Camp, 1 year contract @ $15,400. PI and Program Coordinator.

2012 American Honda Foundation Equipment Grant for Biomedical Skills and Research Laboratory Ultrasound Unit and the Texas Academy of Biomedical Sciences, 1 year/$50,000. PI and Program Coordinator.

2011 Fort Worth ISD, Texas Academy of Biomedical Sciences, 2011 Summer Biomedical Science Camp, 1 year contract @ $37,600. PI and Program Coordinator.

2010 Texas Workforce Commission, Fort Worth ISD, Summer Merit Program. TABS Summer Program, 2010. 1 year/$100,000. Co-I and Program Manager.

2005-2010 National Science Foundation "GK-12" Program Grant. Project SCORE: Development of a Permanent Outreach Partnership Between Teaching Fellows and Science Teachers/Students of the Fort Worth Independent School District, 5 years/$1.8 million. Principal Investigator. Award #0440334.

2004 American Association of Anatomists (AAA)/FASEB Research Meetings Outreach Grant. $3000 grant to Sponsor Science Education Outreach Symposium at 2005 American
Association of Clinical Anatomists (AACA) meeting in New York City, NY. International meeting for the American and British Associations.

2003-2008 National Institute of Health MKITS - "Minority K-12 Initiative for Teachers and Students (MKITS)" Program. 5 years/$1.35 million. Co-investigator. Grant # 1 R25 HL075749-01

2002-2005 National Science Foundation "GK-12" Program Grant. "Project SCORE: Graduate Teaching Fellows/Teacher Partnership for Science Curriculum Enhancement in the Fort Worth Independent School District, 3 years/$1.6 million. Principal Investigator. Award #0139089.

Grants Submitted but Not Funded


2008 JES Edwards Foundation, Outreach grant to support UNTHSC Graduate Students working with at-risk high school science students. $10,000

2006 Exxon-Mobil grant for summer Anatomy Academy program for area science teachers. $100,000.

2005 Space Life Science Integration in the Curriculum and Education (SPLICE). National Space Biomedical Research Institute (NSBRI). 01/01/06-12/01/12. Roueld Roque, PI. Rustin Reeves, Co-PI. $2,300,000.

2005 Science Education Partnership Award, Educational Outreach/Training Grant, National Institute of Health, Principal Investigator. $1,250,000

2001 Graduate Teaching Fellows in K-12 Program, Educational Outreach/Training Grant, National Science Foundation, Principal Investigator. $1,500,000

2000 Graduate Teaching Fellows in K-12 Program, Educational Outreach/Training Grant, National Science Foundation, Principal Investigator. $1,500,000

Other Funding Sources

1999 Department Research Funds. UNTHSC, Department of Anatomy and Cell Biology, $2500.

1998 Department Research Funds. UNTHSC, Department of Anatomy and Cell Biology, $2000.

1997-1998 University of North Texas Health Science Center at Fort Worth - Postdoctoral Fellowship

1996 ARVO/National Eye Institute Travel Fellowship/Grant

1996 Western Eye Research Conference VI - Travel Grant

Invited Seminars/Presentations

Nov 2015 "Willed Body Program at UNTHSC: Educational and Research Activities", West Fort Worth
Rotary Club, Ridglea Country Club. Fort Worth, TX

April 2012  “The Medical Science Masters Program”. University of Houston Pre-Medical Society, U of Houston.

May 2011  Trends in Medical Education/Global Health for the 21st Century – METSA Academy, Carrollton, TX.


Nov 2007  Science Outreach for K-12 via Two-way Videoconferencing. The Department of Biomedical Communications, The University of North Texas Health Science Center. Fort Worth, TX.

May 2007  Promoting Science Outreach Programs for Faculty Development. The Ohio State University College of Medicine. Department of Physiology and Cell Biology, Division of Anatomy, Columbus, OH.

Nov 2005  Hybrid Science Educators: An Alternative Path for Academic Careers. Outstanding Graduate Faculty Seminar Series. Graduate School of Biomedical Sciences/Graduate Student Association. UNTHSC, Fort Worth, TX.

Mar 2003  Integrating Computers and Technology with Dissection in the Human Anatomy Laboratory: Improving Efficiency in the Modern Laboratory Setting, University of North Texas Health Science Center, Fort Worth, TX.

Dec 2002  Integrating Computers and Technology with Dissection in the Human Anatomy Laboratory: Improving Efficiency in the Modern Laboratory Setting, University of Kentucky, Lexington, KY.

Nov 2001  Teaching the Anatomical Sciences in Today's Medical School Curriculum: A Challenge for the New Millennium, Texas Woman's University, Denton, TX.

May 1999  Technology in Teaching: The Classroom for the New Millennium, University of North Texas Health Science Center, Fort Worth, TX.

Sept 1998  Characterization of the Myo-inositol Efflux Pathway in Cultured Bovine Lens Epithelial Cells, Texas Woman's University, Dallas, TX.

Sept 1997  Characterization of the Myo-inositol Efflux Pathway in Cultured Bovine Lens Epithelial Cells, UNT Health Science Center. Graduate Dissertation Presentation

May 1994  Development of a Myo-inositol Efflux Bioassay in Cultured Bovine Lens Epithelial Cells, UNT Health Science Center. Graduate Student Seminar Series
Invited School/Classroom Presentations – Science Outreach - Local

May 2013  Texas Academy of Biomedical Sciences, RT-PCR Lab Discussion/Demonstration, 9th Grade biology classroom.

May 2008  Oakhurst Elementary School, FWISD. Career Day presentation to 5th Grade classrooms.

April 2007  North Hi Mount Elementary School, Careers in Science: Making a Career out of Anatomy Education. All 4th and 5th grade students.


2004–2008  MKITS Spring Classroom presentation to all 5th-grade science classrooms at J.P. Elder Middle School for recruitment of students for the 6th-grade Summer Cardiopulmonary Science Camp.

Publications

Full-length Papers – Published


Online News Articles – Published


Book Review – Published


Newsletter Articles – Published

Rustin E. Reeves, Ph.D. “Session Highlights PreK-12 Outreach”. Invited article for American Association of Anatomists News, the quarterly newsletter for the AAA. December, Volume 14(4), page 9, 2005.

Educational Material – CD Roms and other Teaching Aides


Full-length Papers – Submitted


Cromeens, Barrett, Claire Kirchhoff, Rita Patterson, Travis Motley, Donald Stewart, Cara Fisher, Rustin Reeves. The Medial Collateral and Spring Ligament Complexes: An Attachment Based Description. Submitted to Clinical Anatomy, Jan 2012.


**Abstracts, Posters, and Presentations**

YOUNG, Matthew R¹, Armando ROSALES², and Rustin REEVES². Texas College of Osteopathic Medicine¹, Center for Anatomical Sciences², University of North Texas Health Science Center, Fort Worth, TX 76107, USA. An Accessory Muscle of the Deep Compartment of the Posterior Leg: A Case Report. 34th Annual meeting of the American Association of Clinical Anatomists. Minneapolis, MN. July 2017.


Vuvi Nguyen and Rustin Reeves. Extensor Indicis Brevis: A Rare Anatomical Variant of the Upper Limb. Department of Cell Biology and Anatomy, UNT Health Science Center, Fort Worth, TX. Human Anatomy and Physiology Society. Las Vegas, NV. May 2013.


Victor Taylor, Rustin Reeves and Theodore Crofford. Identification of a novel structure potentially associated with greater trochanteric pain syndrome. Department of Cell Biology and Anatomy, University of North Texas Health Science Center, Department of Orthopedics, Plaza Medical Center of Fort Worth, Texas Hip and Knee Center. Fort Worth, TX, American Academy of Orthopedic Surgeons, May 2011.


Cromeens BP, Fisher C, Sheedlo HJ, Reeves RE. Ligament and articular surface anatomic variability in the hindfoot. Abstract presented at the University of North Texas Health Science Center Research Appreciation Day in Fort Worth, Texas, April 2010.


Reeves, Rustin E., Harold J. Sheedlo. Sharing Anatomy with Elementary Students via Two-way Videoconference. Department of Cell Biology and Genetics, UNT Health Science Center, Fort Worth, TX. Presented at the annual meeting of the American Association of Anatomists (AAA), Experimental Biology 2008 in San Diego, CA.

Amber Ondricek, James Flynn, Harlan Jones, Gary Scott, Rustin Reeves, Harold Sheedlo. Summer science camp for 9th grade students. Departments of Cell Biology and Genetics and Microbiology and Immunology, UNT Health Science Center, Fort Worth, TX. Presented at the Southwest Regional NSF Conference on GK-12 Programs, College Station, TX. Nov 2007.

Reeves, Rustin E., Robert Wordinger, Anne Marie Brun, Gary Scott, Harold Sheedlo,. Teacher workshop and student research capabilities enhanced through department support for Project SCORE. Department of Cell Biology and Genetics, University of North Texas Health Science Center, Fort Worth, TX. Research Appreciation Day. UNTHSC. 2007

Harold Sheedlo, Robert Wordinger, Anne Marie Brun, Gary Scott, Rustin Reeves. Department Support for Project SCORE Expands Teacher Workshop and Student Research Capabilities. Department of Cell Biology and Genetics, University of North Texas Health Science Center, Fort Worth, TX. NSF National GK-12 Meeting, Washington D.C., 2007.

Sheedlo, Harold J., Rustin E. Reeves, Jamboor K. Vishwanatha, Thomas Yorio, Armando A. Rosales, Graduate School of Biomedical Sciences, University of North Texas Health Science Center (UNTHSC), Fort Worth, TX. Performance of first- and second-year medical students in anatomical sciences following completion of a post-baccalaureate experience. GREAT (Group of Graduate Research, Education, and Training Conference of the AAMC (2006), Tucson, AZ.


Reeves, Rustin E., Harold Sheedlo, Gary Scott. Department of Cell Biology and Genetics, University of North Texas Health Science Center. Fort Worth, TX. Graduate Fellows: The Key to a Successful GK-12 Program. National Science Foundation’s Annual GK-12 Meeting, Washington, D.C., 2006.

Reeves, Rustin E., Harold Sheedlo, Gary Scott, and Armando Rosales. Department of Cell Biology and Genetics, University of North Texas Health Science Center at Fort Worth. Anatomy and Outreach: A Winning Combination for Promoting Science in K-12 Education. Southwest and Rocky Mountain Division of the American Association for the Advancement of Science (AAAS-SWARM, 2006), Tulsa, OK.

Jamboor K. Vishwanatha, Ph.D., Thomas Yorio, Ph.D., Harold Sheedlo, Ph.D., Michael Budd, Ph.D., and Rustin Reeves, Ph.D. Post-baccalaureate Certification Program at the University of North Texas Health Science Center: A Program for Successful Entry into Medical School. Graduate School of Biomedical Sciences (JKV, TY, HS and RR) and Texas College of Osteopathic Medicine (MB), UNT Health Science Center at Fort Worth, TX. AACOM Annual Meeting (2006), Baltimore, MD.


Jamboor K. Vishwanatha, Ph.D., Thomas Yorio, Ph.D., Harold Sheedlo, Ph.D., Michael Budd, Ph.D., and Rustin Reeves, Ph.D. Post-baccalaureate Certification Program at the University of North Texas Health Science Center: A program for successful entry into Medical School. Graduate School of Biomedical Sciences (JKV, TY, HS and RR) and Texas College of Osteopathic Medicine (MB), UNT Health Science Center at Fort Worth, TX. GREAT (Group of Graduate Research, Education, and Training Conference of the AAMC (2005), Fort Meyers, FL.
Erin W. Donovan, M.S., Harold Sheedlo, Ph.D., Gary Scott, M.S., and Rustin Reeves, Ph.D. Organizing the University of North Texas Health Science Center’s Invitational Science Fair for Middle and High School Science Students. Department of Cell Biology and Genetics, University of North Texas Health Science Center, Fort Worth, TX. 1st Annual Southwest Regional NSF GK-12 Conference (2005). Texas A & M University, College Station, TX.

Kissaou Tchedre1 and Rustin E. Reeves2. UNT Health Science Center’s Outreach Partnership Between Project SCORE and the G-FORCE Program. 1Department of Biomedical Sciences; 2Department of Cell Biology and Genetics, University of North Texas Health Science Center, Fort Worth TX. 1st Annual Southwest Regional NSF GK-12 Conference (2005). Texas A & M University, College Station, TX.

Reeves, Rustin E., Armando A. Rosales, and Harold J. Sheedlo. Department of Cell Biology and Genetics, University of North Texas Health Science Center, Fort Worth, TX. Human anatomy: The perfect tool for stimulating K-12 teachers’ and students’ curiosity about science. 2005 Joint AACA/BACA Meeting in New York City, NY. *Clinical Anatomy, 18(8); 637, Nov 2005.

Rustin Reeves, Armando Rosales, Gary Scott and Harold Sheedlo. Integrating the Anatomical Sciences into a Graduate Teaching Fellows in K-12 Education Outreach Program. Department of Cell Biology and Genetics, University or North Texas Health Science Center, Fort Worth, TX. National Science Foundation’s Annual GK-12 Meeting, Washington, D.C., 2005.


Reeves, Rustin E., Harold J. Sheedlo, Rouel S. Roque. Increasing graduate student interest and participation in human gross anatomy courses. Department of Cell Biology and Genetics, University of North Texas Health Science Center, Fort Worth, TX. American Association of Clinical Anatomists, 2004, Moraga, CA. *Clinical Anatomy, 17(7); 598, Nov 2004.

Reeves, Rustin E., Gary Scott, John Fuller, and *Randy Young. Project SCORE: Outgrowths of Outreach in a GK-12 Graduate Teaching Fellowship Program. Department of Cell Biology and Genetics, University of North Texas Health Science Center. *North Side High School, Fort Worth Independent School District, Fort Worth, Texas. National Science Foundation’s Annual GK-12 Meeting, Washington, D.C., 2004


J. Aschenbrenner, R. Belcher, R. Reeves, H. Sheedlo, R. Roque, and R. Bunata. The establishment of a biomedical skills research and education laboratory at the University of North Texas Health Science Center. Research Appreciation Day 2002. University of North Texas Health Science Center.


Reeves, R.E., Coca-Prados, M. and Cammarata, P.R. plCln mRNA Expression is Responsive to Changes in Cell Volume and Intracellular Osmolality. UNT Health Science Center Research Appreciation Day, 1996 *2nd place award, student oral presentation competition.


Reeves, R.E. and Cammarata, P.R. Mechanism and Regulation of the Osmoregulatory Efflux Pathway of Myo-inositol (MI) in Cultured Bovine Lens Epithelial Cells. UNT Health Science Center Research Appreciation Day, 1995. *1st Place award, student poster competition.


**Invited Presentations at Professional Meetings**

**June 2013** K-12 Science Outreach: An Opportunity often Overlooked in Medical Education. International Association of Medical Science Educators. St. Andrews, Scotland.

**Nov 2007** Sharing Graduate Fellows Research via Two-way Videoconferencing, Presented at the Southwest Regional NSF GK-12 Conference, Texas A & M University, College Station, TX.

**Oct 2006** Anatomy and Outreach: A Winning Combination for Promoting Science in K-12 Education. Presented at the “Partnerships between STEM research and K-12 classrooms” symposium at the annual meeting of the Southwest and Rocky Mountain Division of the American Association for the Advancement of Science (AAAS-SWARM, 2006), Tulsa, OK.

**Oct 2005** Project SCORE: Schools’ Cooperative Opportunities for Research and Education. Presentation at the 1st Annual Southwest Regional NSF (National Science Foundation) GK-12 Conference, Texas A & M University, College Station, TX.

**Live Two-Way Videoconferencing Presentations of Science Outreach Programs**

**Nov 2008** “How systems work together in your body: The human heart and lungs! Connect2Texas broadcast to 30 elementary schools across the state of Texas. (19 schools, 1200+ students participated).

**Oct 2007** “How systems work together in your body: The human heart and lungs! Connect2Texas broadcast to 54 elementary schools across the state of Texas. (54 schools, 3000+ students participated).

**Sponsorship of Live Videoconference Presentations of Graduate Students’ Research Projects**

Continuing Education Workshops/Camps for Science Teachers, Residence, and Clinicians

Organized/Supervised

2013-2014  OMM Anatomy Training; 14 days over 12 months. Guttmann/Reeves: BSREL/UNTHSC.

July 2012  OMM Residents and Fellows Training; Pelvis, Shoulder, Head/Neck. 6 day workshop. Rustin Reeves. BioSkills Laboratory, UNTHSC.

Feb 2011  Orthopedic Resident/Anatomy Review Workshops – Anatomical/Surgical Relations in Joint Anatomy using Fresh Cadaveric Material

Aug 2012  TEXOMA Rheumatology Program, Resident Workshop, 9 residents, 2 day workshop. In collaboration with Bernard R. Rubin, D.O., Department of Internal Medicine, Division of Rheumatology, and Harold J. Sheedlo, Ph.D., Department of Cell Biology and Genetics.

Mar 2008  Teachers As Scholars Program, An Introduction to Forensic Biology, presented by Joe Warren, PhD. Sponsored by NSF-funded Project SCORE. 9 area science teachers.

Aug 2007  TEXOMA Rheumatology Program, Resident Workshop, 12 residents, 2 day workshop. In collaboration with Bernard R. Rubin, D.O., Department of Internal Medicine, Division of Rheumatology, and Harold J. Sheedlo, Ph.D., Department of Cell Biology and Genetics.

Mar 2007  Teachers As Scholars Program, A Microscopic Experience Using Immunofluorescence and Cell Culture, presented by Harold Sheedlo, Robert Wordinger, and Anne-Marie Brun. Sponsored by NSF-funded Project SCORE, 8 area science teachers.

Aug 2006  TEXOMA Rheumatology Program, Resident Workshop, 8 residents, 2 day workshop. In collaboration with Bernard R. Rubin, D.O., Department of Internal Medicine, Division of Rheumatology, and Harold J. Sheedlo, Ph.D., Department of Cell Biology and Genetics.

May 2006  Teachers As Scholars, The Anatomy and Histology of the Human Cardiopulmonary System, 15 area science teachers, one-day workshop.

June 2005  Molecular Biology Techniques Workshop for SCORE Teachers, sponsored by NSF-funded Project SCORE at UNTHSC

Apr 2005  Teachers As Scholars, The Anatomy and Histology of the Human Gastrointestinal and Urinary Systems, 16 area science teachers, 2-day workshop.

Nov 2004  Teachers As Scholars, Anatomy and Histology of the Human Cardiopulmonary System, 18 area science teachers, 2-day workshop.

Oct 2003  Teachers as Scholars, Anatomy and Histology of the Human Cardiopulmonary System, 20 area science teachers, 2-day workshop.

2003-present  Tools for Teaching Science Workshop, Week-long summer course/workshop for SCORE and MKITS Teachers, sponsored by NSF-funded Project SCORE and the Graduate School for Biomedical Sciences at UNTHSC
Conferences Organized/Hosted

Nov 2009 3rd Southwest Regional GK-12 Conference for the National Science Foundation (NSF). November 13-14, 2009. UNT Health Science Center. Host and Organizer.

Sponsorship of Science Education/Research Programs for Public School Students

July 2016 Mentors for Life Program, Fort Worth After-School-Program, 35 students, 6th-8th grade students, one week program
June 2016 Texas Academy of Biomedical Sciences, Summer Bridge Program, ~100 9th grade students from Fort Worth ISD, 1 week program (all day)
July 2015 Mentors for Life Program, Fort Worth After-School-Program, 25 students, 6th-8th grade students
June 2015 Texas Academy of Biomedical Sciences, Summer Bridge Program, ~100 9th grade students from Fort Worth ISD, 1 week (all day)
June 2014 Texas Academy of Biomedical Sciences, Summer Bridge Program, ~100 9th grade students from Fort Worth ISD, 1 week (all day)
June 2013 Texas Academy of Biomedical Sciences, Summer Bridge Program, ~100 9th grade students from Fort Worth ISD, 1 week (all day)
June 2012 Texas Academy of Biomedical Sciences, Summer Camp. ~100 9th grade students from Fort Worth ISD. 1 week (all day)
June 2011 Texas Academy of Biomedical Sciences, Summer Camp. ~200 7th, 8th, and 9th grade students from Fort Worth ISD. 3 weeks (half day).
June 2010 Texas Academy of Biomedical Sciences, Summer Camp. ~85 9th grade students from Fort Worth ISD. 4 weeks (half day).

2006-2010 GO Centers Career Training and Support program for Dunbar, Eastern Hills, Paschal, North Side, Carter-Riverside, and South Hills High Schools in Fort Worth ISD. Supported by Project SCORE.

2006-2010 Young Scientists Program, sponsored by NSF-funded Project SCORE at UNTHSC. This program supports area high school science students for summer research projects at UNTHSC. Student support: 4 students – 2006, 1 student – 2007, 1 student - 2010

2006-2007 Osteopathic Explorers Annual Meeting. Presented by the UNTHSC Chapter of the Student Osteopathic Surgery Association (SOSA). Supported by Project SCORE.
- 10 students, 2006
- 28 students, 2007

Continuing Education/Conferences/Meetings Attended

July 2017 American Association of Clinical Anatomists, Minneapolis, MN. Registered to attend.
June 2017 International Association of Medical Science Educators, Univ. of Vermont, Burlington, VT. Registered to attend.
May 2017  Texas State Anatomical Board Meeting, University of Texas HSC – Houston, TX
Feb 2017  Association of Anatomy, Cell Biology, and Neurobiology Chairpersons, Marco Island, FL
June 2016  American Association of Clinical Anatomists, Oakland, CA
May 2016  Texas State Anatomical Board Meeting, University of Texas Medical Branch, Galveston, TX
Jan 2016  Association of Anatomy, Cell Biology, and Neurobiology Chairpersons, Kauai, Hawaii
June 2015  American Association of Clinical Anatomists, Henderson, NV
June 2015  International Association of Medical Science Educators, San Diego, CA
May 2015  Texas State Anatomical Board Meeting, Texas Tech University Health Science Center, El Paso, TX
June 2014  International Association of Medical Science Educators, Nashville, TN
May 2014  Texas State Anatomical Board Meeting, Parker Chiropractic College, Dallas, TX
June 2013  International Association of Medical Science Educators, St. Andrews, Scotland
April 2012  American Association of Anatomists, San Diego, CA
June 2011  American Association of Clinical Anatomists, Columbus, OH.
Oct 2010  Interim Council Meeting, American Association of Clinical Anatomists, Chicago, IL.
Mar 2010  National Science Foundation’s GK-12 Project Meeting, Sponsored by American Association of the Advancement of Science and the National Science Foundation, Arlington, VA
Oct 2009  Interim Council Meeting, American Association of Clinical Anatomists, Chicago, IL.
Mar 2009  National Science Foundation’s GK-12 Project Meeting, Sponsored by American Association of the Advancement of Science and the National Science Foundation, Arlington, VA
Oct 2008  Interim Council Meeting, American Association of Clinical Anatomists, Chicago, IL.
Mar 2008  National Science Foundation’s GK-12 Project Meeting, Sponsored by American Association of the Advancement of Science and the National Science Foundation, Arlington, VA
Oct 2007  Interim Council Meeting, American Association of Clinical Anatomists, Chicago, IL.
April 2007  Southwest and Rocky Mountain Division (SWARM) of the American Association for the Advancement of Science (AAAS), University Houston – Clear Lake, Houston, TX.
Mar 2007  National Science Foundation's GK-12 Project Meeting, Sponsored by American
Association of the Advancement of Science and the National Science Foundation, 
Arlington, VA

Oct 2006  Interim Council Meeting, American Association of Clinical Anatomists, Chicago, IL.

April 2006  Southwest and Rocky Mountain Division (SWARM) of the American Association for the 
Advancement of Science (AAAS), University of Tulsa, Tulsa, OK.

Mar 2006  National Science Foundation's GK-12 Project Meeting, Sponsored by American
Association of the Advancement of Science and the National Science Foundation, 
Arlington, VA

Oct 2005  Interim Council Meeting, American Association of Clinical Anatomists, Chicago, IL.

Sept 2005  National Science Foundation Day, Funding Opportunities at NSF. The University of Texas at 
Dallas, Richardson, TX.

Mar 2005  National Science Foundation's GK-12 Project Meeting, Sponsored by American
Association of the Advancement of Science and the National Science Foundation, 
Arlington, VA

Mar 2005  Texas Distance Learning Association, 2005 Conference, Fort Worth, TX.

July 2004  International Association for Medical Science Educators, 8th Annual Meeting, 
Tulane University School of Medicine, New Orleans, LA

March 2004  National Science Foundation’s GK-12 Project Meeting, Sponsored by American
Association of the Advancement of Science and the National Science Foundation, 
Arlington, VA

Oct 2002  National Science Foundation’s GK-12 Project Meeting, Sponsored by American
Association of the Advancement of Science and the National Science Foundation, 
Arlington, VA

Oct 2002  Critical Challenges in Distance Education Program, Conference sponsored by The 
Center for Media Production, The Center for Distributed Learning and The Media 
Library and University Relations, University of North Texas, Denton, TX

April 2002  National Science Foundation, National Grant Conference, College Station, TX

June 2002  American Association of Clinical Anatomists, Annual Meeting, University of Florida, 
Gainesville, FL

Spring 2000  Experimental Biology 2000, American Association of Anatomists Annual Meeting, 
San Diego, California.

June 1999  American Association of Clinical Anatomists, Annual Meeting, University of Iowa, 
Iowa City, Iowa

March 1999  Innovations in Technology for Teaching and Learning, Syllabus Conference and 
Workshop, Southern Methodists University, Dallas, Texas.
CURRICULUM VITAE

MAYME FLORENCE RICHIE-GILLESPIE, M.D.

[MAE FLORENCE RICHIE, M.D.]

PERSONAL INFORMATION

Date of Birth: December 28, 1960
Place of Birth: Nashville, Tennessee

EDUCATION

Undergraduate: Vanderbilt University
Nashville, Tennessee
Bachelor of Science, Magna cum laude
High Honors in Psychology
May 14, 1982

Medical: Vanderbilt Univ. School of Medicine
Doctor of Medicine
May 9, 1986

Internship: U.T. Southwestern Medical School
Dallas, Texas
General Surgical Internship
July 1, 1986 – June 30, 1987

Residency: U.T. Southwestern Medical School
Orthopaedic Surgery Residency
Robert Buchholz, M.D., Chairman

Fellowship #1: Pediatric Orthopaedic Surgery
Children’s Hospital and Medical Center
University of Washington
Seattle, Washington
August 1, 1991 – July 31, 1992
Lynn T. Staheli, M.D., Director
Fellowship #2: Orthopaedic Oncology
Presbyterian Hosp. of Dallas & Assoc.
Hospitals/U.T. Southwestern
Dallas, Texas
August 1, 1992 – July 31, 1993
Gerhard E. Maale, M.D., Director

PRACTICE HISTORY

1993-1996
Private practice in Dallas, Texas in association with Gerhard Maale, M.D.: practice limited to orthopaedic oncology

1996 – present
Fort Worth, Texas: practice limited to orthopaedic oncology

LICENSURE/CERTIFICATION

Texas State Board of Medical Examiners
License H2723
December 1, 1987

American Board of Orthopaedic Surgery
July 13, 1995; recertified through 2025

DEA registration: BR1871741
Texas DPS: V0070080

HOSPITAL APPOINTMENTS

Baylor All Saint’s Health System
1400 Eighth Avenue
Fort Worth, TX 76104
Active 5/6/96

Cook Children’s Medical Center
801 Seventh Avenue
Fort Worth, TX 76104
Active 1995

Texas Health Harris Methodist Fort Worth
1301 Pennsylvania Avenue
Fort Worth, TX 76104
Courtesy 5/14/96

Plaza Medical Center
900 Eighth Avenue
Fort Worth, TX 76104
Courtesy 7/29/96
John Peter Smith Memorial Hospital
1500 South Main Street
Fort Worth, TX  76104
Courtesy 1996

OFFICE LOCATIONS

Adult Office:   800 5th Avenue, Suite 400
Fort Worth, TX  76104
817-735-2900

Pediatric Office:  Cook/Children’s Hematology/Oncology Center
1500 Cooper Street
Fort Worth, TX  76104
682-885-4007

JPS Health System:  Orthopaedic Oncology Clinic
1500 South Main Street
Fort Worth, TX  76104

TEACHING AFFILIATIONS

UT Southwestern Orthopaedic Surgery Department:
Associate Clinical Professor of Orthopaedic Surgery
2002 – August 31, 2005

Fort Worth Affiliated Hospitals Orthopaedic Program
Instructor in orthopaedic oncology, director of
orthopaedic oncology service/clinic and orthopaedic oncology
rotation director 1996 – present

UNTHSC Clinical appointment Department Orthopaedic Surgery

PROFESSIONAL SOCIETY MEMBERSHIPS

American Academy of Orthopaedic Surgeons
Texas Orthopedic Association
Texas Medical Association
Tarrant County Medical Society

TEXAS MEDICAL BOARD

Expert Panelist for Orthopaedic Surgery since 2011
CURRICULUM VITAE
BRANDY M. ROANE, PH.D., CBSM
Associate Professor
Institute of Cardiovascular and Metabolic Diseases
Texas College of Osteopathic Medicine
University of North Texas Health Sciences Center

EDUCATION

<table>
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<tr>
<th>Year</th>
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<th>Major</th>
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<tr>
<td>2002</td>
<td>B.A.</td>
<td>Psychology</td>
<td>The University of Texas at Dallas</td>
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<td>2006</td>
<td>M.S.</td>
<td>Psychology</td>
<td>The University of North Texas</td>
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<td>2010</td>
<td>Ph.D.</td>
<td>Clinical Health Psychology</td>
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<td>Internship</td>
<td>Pediatric Psychology</td>
<td>Munroe Meyer Institute/University of Nebraska Medical Center (APA-accredited)</td>
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<td>2012</td>
<td>Fellowship</td>
<td>Sleep, Behavioral Sleep Medicine</td>
<td>Alpert Medical School of Brown University</td>
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PROFESSIONAL EXPERIENCE

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<td>2005-2008</td>
<td>Teaching Fellow</td>
<td>University of North Texas</td>
<td>Denton, TX</td>
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<tr>
<td>2007-current</td>
<td>Adjunct Instructor</td>
<td>North Central Texas College</td>
<td>Corinth, TX</td>
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<tr>
<td>2009-current</td>
<td>Adjunct Instructor</td>
<td>Metropolitan Community College</td>
<td>Omaha, NE</td>
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<tr>
<td>2011-2012</td>
<td>Research Associate</td>
<td>Alpert Medical School of Brown University</td>
<td>Providence, RI</td>
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<tr>
<td>2012-current</td>
<td>Adjunct Assistant Professor</td>
<td>Alpert Medical School of Brown University</td>
<td>Providence, RI</td>
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<tr>
<td>2012-2016</td>
<td>Assistant Professor</td>
<td>University of North Texas Health Sciences Center</td>
<td>Fort Worth, TX</td>
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<tr>
<td>2016-current</td>
<td>Associate Professor</td>
<td>University of North Texas Health Sciences Center</td>
<td>Fort Worth, TX</td>
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HONORS AND AWARDS

2006  Honorable Mention Research Award, Sleep Research Society
2006  Founders Award, Southern Sleep Society
2007  Honorable Mention Research Award, Sleep Research Society
2010  LEND Interdisciplinary Leadership Graduate
2011  Abstract Excellence Award, Sleep Research Society
2011  NIH NIMH Pediatric Loan Repayment Award
2012  National Register Early Career Psychologist Credentialing Scholarship
2013  NIH NICHD Pediatric Loan Repayment Award

TEACHING EXPERIENCE

A) UNTHSC-FW

TCOM Lectures or Courses
2015  Behavioral Sleep Medicine Course, Pulmonology Elective (Director)
2015  MEDE 7120: Honors Research Practicum Course (Didactic Faculty)
2016-current  MEDE 7620: Fundamentals of Health: Medical Practice 3 Clinical Integration (Faculty)

Graduate School Lectures or Courses
None at this time

Physician Assistant Program Lectures or Courses
2014-current  MPAS 5302: Fund of Behavioral Science, Sleep Disorders Lecture

Public Health School Lectures or Courses
None at this time

Last revised on 3/21/2017 14:56
DPT Program Lectures or Courses

None at this time

Other

None at this time

B) OTHER TEACHING ROLES

Graduate courses
2007  PSYC 5600: Advanced Quantitative Methods I Laboratory, University of North Texas (15-20 students)
2008  PSYC 5610: Advanced Quantitative Methods II Laboratory, University of North Texas (15-20 students)

Undergraduate courses
2006-2007  PSYC 1000: Psychology of Learning and Success, University of North Texas. (35-45 students)
2006-2008  PSYC 2950: Experimental Methods of Psychology, University of North Texas (80-100 students)
2008  PSYC 2950: Experimental Methods of Psychology Laboratory, University of North Texas (20-25 students)
2007  PSYC 2317: Quantitative Methods of Psychology Laboratory, University of North Texas (20-25 students)
2008  PSYC 2580: Health Psychology, University of North Texas (100-120 students)
2007-current  PSYC 2314: Developmental Psychology, North Texas Central College (30-35 students)
2007-current  PSYC 2301: Intro to General Psychology, North Texas Central College (30-35 students)
2009  PSYC 1400: Learning Frameworks, North Texas Central College (30-35 students)
2009-2012  PSYC 1010: Introduction to Psychology, Metropolitan Community College (25-35 students)
2009  PSYC 2650: Introduction to Research Methods, Metropolitan Community College (25-35 students)
2009-2010  PSYC 2314: Developmental Psychology, Metropolitan Community College (25-35 students)
2009-current  PSYC 2450: Social Psychology, Metropolitan Community College (25-35 students)
2010-2011  PSYC 1120: Human Sexuality, Metropolitan Community College (25-35 students)
2011-current  PSYC 2140: Behavior Modification & Principles of Learning, Metropolitan Community College (25-35 students)
2011-2016  PSYC 2450: Abnormal Psychology, Metropolitan Community College (25-35 students)
2010-2012  CLPS 1194: Sleep and Chronobiology Research (12 students)

C) PROFESSIONAL PRESENTATIONS

Grand Rounds/Clinical Education Presentations
1. “A Look at Insomnia and Sleep in Adolescents and Young Adults: Patterns, Risk Factors, and Consequences,” UNTHSC Grand Rounds (2/28/2012).

Hospital/Clinical Faculty/Staff Presentations
1. “Adolescent Insomnia Diagnosis and Treatment,” Pediatric Sleep Interns and Residents (2/14/2011)
2. “Behavioral Sleep Medicine,” UNT Externship Practicum Students (11/06/2012)
D) SUPERVISION

*Hospital/Clinic/SNF/Outpatient*

2010-2011 Psychology Interns, Pediatric Sleep Clinic Rhode Island Hospital

**Student rotations – medical, PA, DPT, other**

- 2012: Katie Edwards (Psychology Doctoral Student), Behavioral Sleep Medicine Clinic
- 2012: Troy Rieck (Psychology Doctoral Student), Behavioral Sleep Medicine Clinic
- 2012: Mari Garza (Psychology Doctoral Student), Behavioral Sleep Medicine Clinic
- 2012: Katherine Marczyk (Psychology Doctoral Student), Behavioral Sleep Medicine Clinic
- 2013-2014: Ali Wilkerson (Psychology Doctoral Student), Behavioral Sleep Medicine Clinic
- 2014-2015: Jade Francetich (Psychology Doctoral Student), Behavioral Sleep Medicine Clinic
- 2015: TCOM 3rd years and Residents (TCOM DO Students), Behavioral Sleep Medicine Clinic
- 2016: Jessica Dietch (Psychology Doctoral Student), Behavioral Sleep Medicine Clinic
- 2017: Gabrianna Saks (TCOM 4th Year DO Student), Behavioral Sleep Medicine Clinic

**Graduate students – Major Professor/Adviser/Mentor/Committee Member**

- 2013: Amol Golwala, CAMSTRR mentee, TCOM 3rd Year DO Student
- 2013: Emily Buescher, CAMSTRR mentee, TCOM 3rd Year DO Student
- 2013: Swati Buch, CAMSTRR mentee, TCOM 3rd Year DO Student
- 2013-2014: Rachel Rube, TCOM Honors Research Practicum, TCOM 2nd Year DO Student
- 2014-2015: Spencer Requa, TCOM Honors Research Practicum, TCOM 2nd Year DO Student
- 2014: Lauren Sasser, MPH Student
- 2014-2016: Katherine Morrissey, MPH Student
- 2014-2015: Shelby Graves, MPH Student
- 2015: Cindy Ng, TCOM 1st Year DO Summer Research Student
- 2015-2016: Mustafa Khan, TCOM Honors Research Practicum, TCOM 2nd Year DO Student
- 2015-current: Sabah Ali, TCOM Honors Research Practicum, TCOM 3rd Year DO Student
- 2015-2016: Philip Escarsega, SAME Scholar, GSBS Student
- 2015-2016: Moriam Animashaun, MPH Student
- 2015-2016: Leeisha Crayton, MPH Student
- 2015-2016: Abia Agyekum, MPH Student
- 2016-current: Isadora Cabala, TCOM 2nd Year DO student

**Research Laboratory – staff, medical and/or other students**

- 2011: Maya Gibbes, Sleep for Science Dement Fellow
- 2011: Chanliny Lim, Sleep for Science Dement Fellow
- 2011: Natalie Bryant, Sleep for Science Dement Fellow
- 2011: Alexis Chambers, Sleep for Science Dement Fellow
- 2012: Christina Stavrakas, Sleep for Science Dement Fellow
- 2012: Elie Majdalani, Sleep for Science Dement Fellow
- 2012: Ryan Bottary, Sleep for Science Dement Fellow
- 2013: Elizabeth Ruggieri, Sleep for Science Dement Fellow
- 2014: Emily Davis, Sleep for Science Dement Fellow
- 2014: Stephen Barry, Sleep for Science Dement Fellow

**Post-doctorate associates**

- 2013: Laurin Mack, Ph.D., Sleep for Science Postdoctoral Fellow

**Visiting Scientists**

None at this time
Visiting/Guest Faculty Lecturer
2014  Pediatric Behavioral Sleep Medicine, PSYC 6200: Behavioral Sleep Medicine, University of North Texas. (10 students)

Other Supporting Materials (optional)
None at this time

SERVICE
A) UNTHSC COMMITTEE MEMBERSHIP
2014-current  Member, TCOM RAD Committee
2015-2016  Member, UNTHSC Institutional Review Board Committee
2015  Member, Family and Community Institute Development Committee
2015-2016  Member, Transition Medicine Working Group

B) DEPARTMENT COMMITTEE MEMBERSHIP
2014-2016  Member, Department of Internal Medicine Quality Management Committee
2015-2016  Member, Sleep Center Quality Assurance Committee

C) PATIENT CARE
2009-2010  Intern Clinician, Pediatric Sleep Clinic, Munroe-Meyer Institute
2009-2010  Intern Clinician, Behavioral Pediatrics Clinic, Munroe-Meyer Institute
2010-2011  Post-doctoral Clinician, Pediatric Sleep Clinic, Rhode Island Hospital
2011-2012  Post-doctoral Clinician, Insomnia and Anxiety Clinic, Rhode Island Hospital
2012-2015  Provider, Behavioral Sleep Medicine Clinic, UNT Health
2015-current  Provider, Behavioral Sleep Medicine Clinic, Cook Children’s Hospital

D) PROFESSIONAL LICENSES AND BOARD CERTIFICATION
2007  Licensed Psychological Associate, Texas, License #33717 (null and void)
2011  Psychologist Trainee, Rhode Island, License #PST 00145 (null and void)
2012  Licensed Psychologist, Rhode Island, License #PS01316 (current)
2012  Provisionally Licensed Psychologist, Texas, License #36377 (null and void)
2012  Certified Behavioral Sleep Medicine Specialist (current)
2012  National Register Health Service Provider in Psychology, #53725 (current)
2012  Licensed Psychologist, Texas, License #36377 (current)

E) PROFESSIONAL SERVICE
2006-2008  Member, Sleep Research Society Trainee Committee
2006-2008  Graduate Student Representative, Health Psychology/Behavioral Medicine Program, Graduate Association of Student Psychologists
2009-2014  Member, Web design Committee, Insomnia SIG, Association of Behavioral and Cognitive Therapies
2010-2013  Member, Brown University Clinical Psychology Training Consortium Technology Committee
2010-2012  Member, Rhode Island College Institutional Review Board
2010-2015  Member, Web and Communications Committee, Society of Behavioral Sleep Medicine

F) COMMUNITY SERVICE/INVOLVEMENT

4. Presenter, Cassata High School Career Day (10/15/2012)

5. Speaker, NICA, “Sleep and Women’s Health” (4/24/2013)

6. Speaker, Fort Worth Transportation Authority, “Creating Better Sleep Habits” (5/22/2013)

7. Speaker, Hispanic Caregiver Conference, “Healthy Sleep for Caregivers” (6/13/2013)

8. Speaker, Fort Worth Transportation Authority, “Clocks, Sleep, and Diabetes” (6/25/2013)

9. Speaker, Christian Care Centers, “Creating Better Sleep Habits” (8/1/2013)

10. Presenter, Trinity Springs Middle School Career Day (3/7/2014)

11. Presenter, TexPREP Career Day (7/11/2014)


G) CONSULTANT SERVICES

2013-2014  Sleep Consultant, Ultimate Health Matters
2014-2015  Sleep Consultant, Game on Talis
2014-present Actigraphy and Activity Monitor Consultant, Johnson & Johnson, Inc

SCHOLARLY ACTIVITY

A) GRANTS AND CONTRACTS (funded-current)

R25  Vishwanatha (PI)  06/01/2015-5/31/2017
NIH/NIMHD  $ 1,173,025
Texas Center for Minority Health, Education, Research, and Outreach
Role: Research Mentor

TexasMRC  Roane (PI)  07/01/2015-07/31/2017
Texas Medical Research Collaboration  $100,000
MyPAP Trainer: A Novel Device to Increase User Awareness and Remediation of Positive Airway Pressure Leak
Role: PI

Seed Grant  Roane (PI)  09/01/2016-03/31/2017
UNTHSC  $1,000
CPAP User Receptiveness to a Novel Leak Detection Device
Role: PI

R25  Vishwanatha, Cunningham, and Schreihofer (PIs)  05/01/2016-4/30/2021
NIH/NHLBI  $ --
Promoting Diversity in Research Training for Health Professional Students (PDRT)
Role: Research Mentor/Faculty

B) GRANTS AND CONTRACTS (pending)

None at this time

C) GRANTS AND CONTRACTS (under review)

Foundation  Roane (PI)  01/01/2017-12/31/2017
William and Ella Owens Medical Research Foundation  $ 50,000
Healthy Moms and Babies: Improving Sleep for Better Maternal and Infant Health Outcomes
Role: PI

D) GRANTS AND CONTRACTS (funded-past)

R01 MH079179  Carskadon (PI)  08/01/2010 – 11/30/2013
NIH/NIMH $2,148,945 ($43,797 subcontract)
Prospective Study of Depressed Mood, Short Sleep and Serotonergic Genes
Role: Co-I

Investigator-Initiated Grant Roane (PI) 06/01/2012 – 05/31/2013
BodyMedia Equipment Grant
Validation Study of Weight Management Activity Monitor
Role: PI

U01CA150387-04 (NCI) Wing (PI) 09/28/2009 – 08/31/2014
NIH/NCI $705,604
Increasing Sleep Duration: A Novel Approach to Weight Control
Role: Consultant (2011-2014)

R01 MH079179 Carskadon (PI) 08/01/2014 – 12/15/2014
NIH/NIMH $2,148,945
Prospective Study of Depressed Mood, Short Sleep and Serotonergic Genes
Role: Consultant (2014)

Seed Grant (UNTHSC) Roane (PI) 09/01/2013-08/31/2015
UNTHSC $1,000
The Relationship Between Teen Sleep and Obesity
Role: PI

Junior Faculty Seed Grant Roane (PI) 01/14/2013-01/13/2016
UNTHSC $20,000
Adolescent Obesity: Role of Biological Processes and Social Rhythms
Role: PI

Seed Grant Roane (PI) 10/01/2014-09/30/2015
UNTHSC $1,000
Association of Sleep and Physical Activity In Adolescents
Role: PI

Clinical Trial Al-Farra (PI) 05/01/2015-01/31/2016
ImThera $249,310
aura6000TM Targeted Hypoglossal Neurostimulation (THN) System Pivotal THN Study #3
Role: Co-I

Hogg Foundation of Mental Health Grant Roane (PI) 06/01/2013-05/31/2016
Hogg Foundation of Mental Health $19,239
The Impact of Depression on Sleep Disturbances Among Mexican American Adults and Elders
Role: PI

Seed Grant Roane (PI) 10/01/2015-09/30/2016
UNTHSC $1,000
Sleep in Medical Students
Role: PI

Intramural Grant Roane (PI) 04/01/2014-02/28/2017
UNTHSC $25,000
Social and Biological Rhythms: A Novel Approach to Reducing Type II Diabetes Mellitus Risk in Teens

Revised 3/21/17 2:56 PM
Role: PI

E) GRANTS AND CONTRACTS *(not funded)*

Investigator-Initiated Grant

**Philips Lighting**

Pilot Study of Bright Light as an Adjuvant to Cognitive Behavioral Therapy for Insomnia in the Treatment of Adolescents with Insomnia

Role: PI

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<td>1 R21 HL122617-01</td>
<td>Roane (PI)</td>
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<td>Clinical Research Foundation Grant</td>
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<td>American Heart Association</td>
<td>Schreihofer (PI)</td>
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Role: PI

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<td>R15</td>
<td>Middlemiss (PI)</td>
<td>NIH</td>
<td>$471,061</td>
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Reducing SIDS Risk Among At-Risk African American Families: A Lay Health Advisor (LHA) Strategy

Role: Co-I
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<th>Grant/Fund</th>
<th>PI/Co-PI</th>
<th>Start/End Date</th>
<th>Amount</th>
<th>Description</th>
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<td>Clinical Research Foundation</td>
<td>Roane (PI)</td>
<td>06/01/2015 – 05/31/2017</td>
<td>$249,781</td>
<td>Treatment of Sleep Disordered Breathing During Pregnancy: Impact on Maternal and Infant Health Outcomes</td>
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<td>ResMed Foundation</td>
<td>Roane (PI)</td>
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<td>Treatment of Sleep Disordered Breathing During Pregnancy: Impact on Maternal and Infant Health Outcomes</td>
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<td>Comcast</td>
<td>Roane (PI)</td>
<td>08/01/2015-07/31/2016</td>
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<td>Sleep-Safe Monitoring System: A Novel Bed Pressure Mat System to Alert Parents of Bedtime Behavior</td>
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<td>NIH/NIMH</td>
<td>Carskadon (PI)</td>
<td>05/01/2016-4/30/2021</td>
<td>$--</td>
<td>The Complex Interplay of Sleep and Depressed Mood in College Students: Delineating Biological Influences</td>
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<td>NIH/NIAA</td>
<td>Carskadon (Co-PI) &amp; McGeary (Co-PI)</td>
<td>05/01/2016-04/30/2021</td>
<td>$--</td>
<td>Delineating Biological Influences in the Complex Interplay of Sleep and College Drinking</td>
<td>Consultant</td>
</tr>
<tr>
<td>NIH/NIMH</td>
<td>Carskadon (PI)</td>
<td>05/01/2016-4/30/2021</td>
<td>$--</td>
<td>The Complex Interplay of Sleep and Depressed Mood in College Students: Delineating Biological Influences</td>
<td>Consultant</td>
</tr>
<tr>
<td>NIH/NIAA</td>
<td>Carskadon (Co-PI) &amp; McGeary (Co-PI)</td>
<td>05/01/2016-04/30/2021</td>
<td>$--</td>
<td>Delineating Biological Influences in the Complex Interplay of Sleep and College Drinking</td>
<td>Consultant</td>
</tr>
<tr>
<td>Seed Grant</td>
<td>Roane (PI)</td>
<td>07/01/2016-06/30/2017</td>
<td>$30,000</td>
<td>Healthy Moms and Babies: Improving Sleep for Better Maternal and Infant Health Outcomes</td>
<td>PI</td>
</tr>
<tr>
<td>ARL Partnered Research Initiative</td>
<td>Soo-Yeon Ji (PI)</td>
<td>01/01/2017-12/31/2019</td>
<td>$292,853 (Sub)</td>
<td>Machine Learning Algorithm to Indirectly Monitor EEG Signals via ECG Waveform Characteristics</td>
<td>Co-I</td>
</tr>
<tr>
<td>CDMRP</td>
<td>Wijesundara (PI)</td>
<td>01/01/2017-12/31/2019</td>
<td>$150,000 (Sub)</td>
<td>A Sensorized and Automated Positional Therapy Pillow for Obstructive Sleep Apnea Prevention</td>
<td>Co-I</td>
</tr>
</tbody>
</table>
F) INVITED SEMINARS

a. Local
1. “Cognitive Behavioral Therapy for Insomnia,” University of Nebraska Medical Center, Sleep Medicine Fellow Seminar (5/18/2010)
2. “Healthy Sleep in the 21st Century,” University of North Texas Health Science Center (9/2015 – 10/2015)
4. “Sleep and Aging,” Fort Worth Club (3/30/2016)
5. “Sleep and Aging,” The Stayton (1/17/2017)

b. National
None at this time

c. International
None at this time

G) PUBLICATIONS

a) Manuscripts – published


e) Published Abstracts


H) PRESENTATIONS AT PROFESSIONAL AND/OR SCIENTIFIC MEETINGS

1. Associated Professional Sleep Societies Annual Meeting, Salt Lake City, UT. “Epidemiology of Adolescent Insomnia, Psychological Disorders, and Suicide” (6/19/2006)


6. Texas Society of Sleep Professionals 5th Annual Sleep Conference, Dallas, TX. “What’s Different About Kids” (10/27/2012)


8. Primary Care Conference, South Padre Island, TX. “Sleep in Pediatric Patients: Normal and Disordered” (6/26/2013)

9. Primary Care Conference, South Padre Island, TX. “Sleep Disorders in Adult and Geriatric Patients: Considerations and Comorbidities” (6/26/2013)


11. Primary Care Conference, Fort Worth, TX. “Healthy Patient – Sleep Medicine” (4/22/2016)


I) CONTINUING EDUCATION

2009 Pediatric Sleep Conference (14 CEUs)
2011 Pediatric Sleep Conference (27 CEUs)
2012 2012 SLEEP Conference (18 CEUs)
2013 Risk Management (2 CEUs)
2013 2nd Annual Behavioral Sleep Medicine Conference (8 CEUs)
2013 32nd Annual Dr. Stanley Weiss: Primary Care Update (2 CEUs)
2013 2013 Pediatric Sleep Conference (10 CEUs)
2014  2014 SLEEP Conference (12 CEUs)
2014  Ethics (3 CEUs)
2014  Cultural Diversity (4 CEUs)
2015  Ethics (4 CEUs)
2015  2015 Pediatric Sleep Conference (9 CEUs)
2016  2016 SLEEP Conference (23.75 CEUs)
2016  Ethics (3 CEUs)

J)  PROFESSIONAL SCHOLARLY ACTIVITIES

a.  Journal Reviewer
   2008-current  Reviewer, *Journal of Behavioral Sleep Medicine*
   2010-current  Reviewer, *SLEEP*
   2011-current  Reviewer, *Journal of Clinical Sleep Medicine*
   2011-current  Reviewer, *Chronobiology International*
   2011-current  Reviewer, *Journal of Adolescent Health*
   2011-current  Reviewer, *Journal of Applied Developmental Pediatrics*
   2012-current  Reviewer, *Journal of Clinical Child and Adolescent Psychology*
   2012-current  Reviewer, *Sleep Medicine*
   2012-current  Reviewer, *PEDIATRICS*
   2012-current  Reviewer, *Perceptual & Motor Skills*
   2013-current  Reviewer, *Journal of Early Adolescence*
   2013-current  Reviewer, *Health Psychology*
   2013-current  Reviewer, *Journal of Sleep Research*
   2013-current  Reviewer, *Nutrition Research*
   2013-current  Reviewer, *Psychiatry Research*
   2013-current  Reviewer, *BMC Psychiatry*
   2013-current  Reviewer, *Sleep Medicine*
   2014-current  Reviewer, *Acta Paediatrica*

b.  Grant Reviewer
    *None at this time*

c.  Scientific Session Reviewer
    *None at this time*

d.  Abstract Reviewer
    *None at this time*

e.  Education/Scientific Consultant
    2014-current  Sleep and Accelerometer Research Design Consultant, *Johnson & Johnson*

f.  Scholarly Activities (work-in-progress)
    2013-2015  Anticipatory Guidance in Early Infant Care (*Role: Co-I*)
    2014-current  Impact of Parental Smoking on Sleep Disorder Diagnoses and Outcomes (*Role: PI*)
    2014-current  Blood Gas Threshold for Sympathoexcitation: The Role of Oxidative Stress (*Role: Co-I*)

g.  Organizer of Scientific/Medical/Educational Meeting
    2007  Sleep Research Society, Trainee Day Subcommittee
    2008  Sleep Research Society, Trainee Day Subcommittee
PROFESSIONAL SOCIETIES

A) Membership in Professional Organizations

2006-present  Member, Sleep Research Society
2007-2014  Member, Association for Behavioral and Cognitive Therapies
2010-2015  Member, Society of Behavioral Sleep Medicine
2012-2014  Member, Society for Research on Biological Rhythms

B) Offices held

None at this time

C) Activities involvement

g. Media consultant – sleep expert, Radio VR (Moscow), “Sleep Trackers: Useful or Inaccurate Gimmicks?” (9/09/2014)
h. Media consultant – sleep expert, LA Times, “Trying to get a good night’s sleep? Here are some tips.” (5/9/2015). http://touch.latimes.com/#section/-/article/p2p-83489960/?related=true

D) Supportive documentation

a. Teaching
   1. Peer reviews (available upon request)
   2. Student evaluations (available upon request)
Curriculum Vitae

Hugo Banda Sanchez, M.D., Ph.D.

CURRENT TITLE: Assistant Professor

Chronology of Education

UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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</thead>
<tbody>
<tr>
<td>1991-1994</td>
<td>B.S. Biology</td>
<td>University of California Irvine, Irvine, CA</td>
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GRADUATE EDUCATION:

<table>
<thead>
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<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
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<tbody>
<tr>
<td>1995-2004</td>
<td>M.D., Ph.D. in Biomedical Sciences</td>
<td>University of California San Diego, San Diego, CA</td>
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POSTGRADUATE TRAINING:

<table>
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<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
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<tr>
<td>2004-2005</td>
<td>Internship, General Surgery</td>
<td>Baylor College of Medicine, Houston, TX</td>
</tr>
<tr>
<td>2005-2009</td>
<td>Residency, Orthopaedic Surgery</td>
<td>University of California San Diego, San Diego, CA</td>
</tr>
<tr>
<td>2009-2010</td>
<td>Arthroplasty Fellowship</td>
<td>Texas Hip &amp; Knee Center, Fort Worth, TX</td>
</tr>
<tr>
<td>2010</td>
<td>Arthroplasty Fellowship</td>
<td>Texas Center for Joint Replacement, Plano, TX</td>
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BOARD CERTIFICATION:

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<tr>
<th>Year Certified</th>
<th>Board</th>
<th>Specialty</th>
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<tbody>
<tr>
<td>2012</td>
<td>ABOS</td>
<td>Orthopaedic Surgery</td>
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LICENSEURE:

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<tr>
<th>Year Granted</th>
<th>Agency/State and License #</th>
<th>Expiration/Comments</th>
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<tr>
<td>2006</td>
<td>California, A94514</td>
<td>12/31/2017</td>
</tr>
<tr>
<td>2008</td>
<td>Texas, N0430</td>
<td>2/28/2018</td>
</tr>
</tbody>
</table>

Hugo B. Sanchez, M.D./Ph.D.
### OTHER PROFESSIONAL EXPERIENCE:

<table>
<thead>
<tr>
<th>Years</th>
<th>Title(s)</th>
<th>Institution, City, State</th>
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</thead>
<tbody>
<tr>
<td>2010-2016</td>
<td>Assistant Professor Department of Orthopaedics</td>
<td>University of North Texas Health Science Center, Fort Worth, TX</td>
</tr>
<tr>
<td>2016-Present</td>
<td>Adjunct Assistant Professor Department of Orthopaedics</td>
<td>University of North Texas Health Science Center, Fort Worth, TX</td>
</tr>
<tr>
<td>2016-Present</td>
<td>Assistant Professor Department of Orthopaedics</td>
<td>Acclaim Physicians Group, Fort Worth, TX</td>
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</table>

### CURRENT TEACHING RESPONSIBILITIES:

<table>
<thead>
<tr>
<th>Years</th>
<th>Course/Site</th>
<th>Role</th>
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</thead>
<tbody>
<tr>
<td>2010-Present</td>
<td>JPS Orthopaedic Residency Training</td>
<td>Preceptor at JPS, Harris and Plaza Hospitals</td>
</tr>
<tr>
<td>2010-Present</td>
<td>UNT Physician’s Assistant Musculoskeletal Course</td>
<td>Lecturer</td>
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### Honors and Awards

<table>
<thead>
<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1991-1994</td>
<td>Howard Hughes Undergraduate Research Fellow</td>
<td>University of California Irvine, Irvine, CA</td>
</tr>
<tr>
<td>1998-2000</td>
<td>NIH RO1 HD34534-05 Supplement</td>
<td>University of California San Diego, San Diego, CA</td>
</tr>
<tr>
<td>2008-2009</td>
<td>James C. Esch, M.D. Arthroscopy Award</td>
<td>University of California San Diego, San Diego, CA</td>
</tr>
<tr>
<td>2012</td>
<td>Louis Levy Teacher of the Year</td>
<td>John Peter Smith Orthopaedics, Fort Worth, TX</td>
</tr>
<tr>
<td>2013</td>
<td>President’s Award</td>
<td>University of North Texas Health Science Center, Fort Worth, TX</td>
</tr>
<tr>
<td>2013-2015</td>
<td>Super Doctors – Rising Star</td>
<td>Fort Worth Monthly Magazine, Fort Worth, TX</td>
</tr>
<tr>
<td>2015</td>
<td>Writer’s Award</td>
<td>American Journal of Orthopaedics</td>
</tr>
<tr>
<td>2015-2016</td>
<td>Top Doctor</td>
<td>Fort Worth Magazine, Fort Worth, TX</td>
</tr>
<tr>
<td>2016</td>
<td>Top Doctor</td>
<td>University of North Texas, Fort Worth, TX</td>
</tr>
<tr>
<td>2017</td>
<td>Top Doctor</td>
<td>360 Magazine, Fort Worth, TX</td>
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## ADMINISTRATIVE EXPERIENCE

### Administrative Duties

<table>
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<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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</thead>
<tbody>
<tr>
<td>2010-Present</td>
<td>Department of Orthopaedic Surgery Research - Chairman</td>
<td>John Peter Smith Hospital, Fort Worth, TX</td>
</tr>
<tr>
<td>2010-Present</td>
<td>Department of Orthopaedic Surgery Research - Chairman</td>
<td>University of North Texas Health Science Center, Fort Worth, TX</td>
</tr>
<tr>
<td>2014-2015</td>
<td>Secretary of Orthopaedic Division</td>
<td>Texas Health Resources Harris Methodist Hospital, Fort Worth, TX</td>
</tr>
<tr>
<td>2015-2016</td>
<td>Vice - Chief of Orthopaedic Division</td>
<td>Texas Health Resources Harris Methodist Hospital, Fort Worth, TX</td>
</tr>
<tr>
<td>2015-2016</td>
<td>Orthopaedic Quality Review Committee - Chairman</td>
<td>Texas Health Resources Harris Methodist Hospital, Fort Worth, TX</td>
</tr>
<tr>
<td>2017-Present</td>
<td>Chief of Orthopaedic Division</td>
<td>Texas Health Resources Harris Methodist Hospital, Fort Worth, TX</td>
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### Professional Committees

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<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution, City, State, Country</th>
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<tr>
<td>2010-Present</td>
<td>Arthritis Foundation of Tarrant County - Member</td>
<td>Arthritis Foundation, Fort Worth, TX</td>
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<tr>
<td>2010-2011</td>
<td>President’s Strategic Thinking Counsel for Research - Member</td>
<td>University of North Texas Health Science Center, Fort Worth, TX</td>
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<tr>
<td>2012-Present</td>
<td>Orthopaedic Quality Review Committee - Member</td>
<td>Texas Health Resources Harris Methodist Hospital, Fort Worth, TX</td>
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<tr>
<td>2014-Present</td>
<td>JPS Credentialing Committee - Member</td>
<td>John Peter Smith Hospital, Fort Worth, TX</td>
</tr>
<tr>
<td>2016-Present</td>
<td>BOOST Block Policy Workgroup - Member</td>
<td>Texas Health Resources Harris Methodist Hospital, Fort Worth, TX</td>
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## TEACHING RESPONSIBILITIES/ASSIGNMENTS

### Course Lectures

<table>
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<th>Inclusive years (yyyy-yyyy)</th>
<th>Course title and number</th>
<th>Number of times the course is taught annually</th>
<th>Type of students taking the course (e.g., medical; dental; nursing; etc.)</th>
<th>Number of students taking the course</th>
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</thead>
<tbody>
<tr>
<td>2010-Present</td>
<td>UNT Gross Anatomy – lab proctor</td>
<td>Annually</td>
<td>Medical students</td>
<td>50</td>
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</table>
Clinical Teaching

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<tr>
<th>Inclusive years (yyyy-yyyy)</th>
<th>Course title and number/teaching topic</th>
<th>Number of times the course is taught annually</th>
<th>Type of students taking the course (e.g., medical; dental; nursing; etc.)</th>
<th>Number of students taking the course</th>
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</thead>
<tbody>
<tr>
<td>2014-Present</td>
<td>Orthopaedic Surgery Residency</td>
<td>Continuously</td>
<td>Medical student and residents</td>
<td>4-6</td>
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PEER-REVIEWED JOURNAL ARTICLES


**NON PEER-REVIEWED JOURNAL ARTICLES**


https://online.epocrates.com/u/2911978/Epicondylitis

**Meeting Presentations**

**National**


2013 Berge, R., Wagner, R.A., Sanchez, H.B. Prepatellar Fat Thickness Ratio as an Indicator of Infection Risk following Total Knee Arthroplasty. 32nd Annual Mid-America Orthopaedic Association Meeting, San Antonio, TX, USA.


**Regional/Local**

2003 Sanchez, H.B. Molecular characterization of NGF modulation of erbB2 signaling in Tau Protein Expression.
Schwann cells. Doctoral Dissertation - University of California San Diego, San Diego, CA, USA.

2011 Sanchez, H.B. Living with Arthritis. Arthritis Foundation: Women, Arthritis and Exercise. Town Hall Meeting with Senator Wendy Davis. UNTHSC, Fort Worth, TX, USA.


2012 Behl, A.R., Boe, E., Sanchez, H.B., Kazenske, F.M., Wagner, R.A. Efficacy of Preoperative Skin Preparation in Eradicating Organisms Before Total Knee Arthroplasty. 20th Annual Research Appreciation Day, University of North Texas Health Science Center, Fort Worth, TX, USA.

2012 Yu, M.Y., Sanchez, H.B., Wagner, R.A., Kosmopoulos, V. The Effects of Femoral Rotation on Patellar Shift and Tilt. 20th Annual Research Appreciation Day, University of North Texas Health Science Center, Fort Worth, TX, USA.


2013 Sanchez, H.B. Advances in Medicine: Living with Arthritis. Harris Methodist Fort Worth. Fort Worth, TX, USA.


Hugo B. Sanchez, M.D./Ph.D. 6
Vita of Troy Schmanke, Ph.D.

PERSONAL INFORMATION

Home Address: 1628 North Lakeview Drive
Palo Pinto, Texas 76484
817-781-6183 (home-cell)
troy@schmanke.net

EDUCATION

B.A., 1989, University of Texas at Arlington, Psychology

M.S., 1992, Texas Christian University, Experimental Psychology

Ph.D., 1994, Texas Christian University, Experimental Psychology

Postdoctoral Studies in Neurological Rehabilitation, 1997
Department of Neurology, University of California at Los Angeles

RESEARCH AND TEACHING EXPERIENCE

Graduate Teaching Assistant, 1990 to 1994, Texas Christian University.
Advisor: Dr. Tim Barth. Academic responsibilities included keeping class grade and attendance records, giving spot lectures and teaching lab courses for undergraduates. In addition, I participated in the care and maintenance of the animal vivarium. The focus of my research was on recovery of sensory and motor function after cortical damage in the rat. As the initial graduate student in the lab I was responsible for the lab set-up, including preparing lab space, ordering animals and equipment, and recruiting other graduate students to join the lab. I also supervised undergraduate students participating in histological and behavioral projects. Early studies investigated the effects of MK-801, a presumed neuroprotective agent, on sensorimotor recovery after a cortical injury in a rat. My thesis and dissertation work looked at the effects of d-amphetamine on recovery of sensory and motor function in the rat. Both were published in the Journal of Neurotrauma.

Department of Neurology, UCLA School of Medicine
National Institute of Health and Human Development
National Research Service Award in Neurological Rehabilitation, NRSA T32HDO7416
Postdoctoral Advisors, Dr. Jaime Villablanca, Dr. Dave Hovda and Dr. Bruce Dobkin.
As a postdoctoral fellow and lab manager for Dr. Jaime Villablanca I was responsible for collecting, organizing and analyzing behavioral and histological data, ordering supplies and maintaining equipment, as well as supervising graduate and undergraduate students who participated in various lab projects. I also engaged in acute animal care for the feline subjects after surgery. Research in the lab investigated the age-dependent effects of heminecortication on the development of brain morphology, cerebral metabolism and sensorimotor behavior in the cat. This model is an analog of the human clinical procedure applied to children with intractable epilepsy. The results of our studies were published in Developmental Brain Dysfunction, Developmental Brain Research and Developmental Neuroscience.

Lab instructor, Student Research Program of the UCLA College of Letters and Sciences and the UCLA Interdepartmental Research Program Honor's Course, Spring 1995 to Spring 1997. Individual supervision of undergraduate students involved in research on the feline heminecortication model.
Postdoctoral Fellow, January 1997 to August 1998.
Department of Psychiatry and Biobehavioral Sciences.
UCLA Mental Retardation Research Center, HDO33779
Postdoctoral Advisors, Dr. Bryan King and Dr. James McCracken.
I continued my postdoctoral work working setting up and managing the lab, this included preparing the lab space, ordering supplies and equipment, and filing state licensees to obtain and use hazardous and radioactive chemicals. I also supervised lab personnel while running both histological and behavioral experiments. Studies in the lab looked at rat models of kainic-acid induced seizures, which are a model of epilepsy in children, and the effect of frontal cortex lesions in prepubertal rats on the manifestation of pemoline-induced self-injuries behavior (SIB). Portions of this research were included in a manuscript published in Developmental Neuroscience.

Assistant Professor
Departments of Neuroscience and Histology
New York College of Osteopathic Medicine (NYCOM) of the New York Institute of Technology (NYIT)
My appointment included presenting Neuroscience and Histology lectures and labs to medical students as part of the basic science curriculum. In addition, I directed my lab, investigating brain injury and recovery paradigms using rat models of cortical injury. Results of our work were presented at annual meetings for both the Society for Neuroscience and National Neurotrauma Society.
I also served as in various other capacities including:

Adjunct Faculty, Instructor, Biology 9570 -Biomedical Research I, Biology 9571-Biomedical Research II. New York Institute of Technology. Fall Semester 1999 to June 18, 2004. Involved mentoring students learning basic research skills while working on morphological and behavioral projects within my lab.

Instructor, Minority Participation in Medical Education Program, Fall 1999 to June 18, 2004. Involved mentoring students learning basic research skills while working on morphological and behavioral projects within my lab.


Consultant
TMA Technology
July 2004-July 2011
TMA Technology, located in Grapevine TX, is a nationwide provider of radiation oncology physics services and quality assurance management tools. The company’s physics services specialize in the acceptance and commissioning of new or existing linear accelerators for IMRT and 3-D treatment planning data acquisition. My responsibilities include data analysis, submitting articles and abstracts. I also preparing FDA 510K write-ups for associated business partners. We have published articles in ADVANCE for Imaging and Oncology Administrators and Radiation Oncology News for Administrators, as well as presented material at the annual meeting of the American Association for Physicists in Medicine (AAPM) and the American Society for Therapeutic Radiation and Oncology (ASTRO).
Director
June 2004 - present
In 2004 I established a website to present and track the latest developments in the field of central nervous system injury, rehabilitation and research. These online resources for brain injury research include news, conference information and links to governmental, private and academic organizations, as well as various other sources.

Adjunct Professor
Tarrant County College, Northwest Campus
August 24, 2005 to December, 2005
My appointment at TCC involved teaching classes covering Introduction to Psychology and Lifespan Development.

Adjunct Professor
Texas Christian University
Department of Psychology
August 2010 - May 2011
Lecturer for General Psychology courses.

Managing Director and Senior Scientist
University of Kansas Medical Center
Cortical Plasticity Laboratory
September 2011 – March 2014
As manager of the Cortical Plasticity Lab I was involved in all aspects of laboratory operations. I supervised the staff and keep records of their time. I mentored the students, including interns assigned to us by advanced placement programs from nearby high schools. I maintained experimental records and prepared protocols and reports for the University compliance office, Institutional Animal Care and Use Committee (IACUC), and Laboratory Animal Resources (LAR). I served as the primary point of contact for the LAR, IACUC, the Landon Center on Aging, the Department of Molecular and Integrative Physiology, vendors and other administrators. I maintained animal inventory, health and use records, along with logs of drug use and inventory. I oversaw purchasing and receiving for the lab, and maintain records and reported on expenses on a monthly basis. I also developed several research projects, including a biomechanical analysis of monkey paw usage during a standard motor task, and a clinical collaboration with Dr. Brian Andrews of the Plastic Surgery Department developing a rodent model of the “Syndrome of the Trephined”. I presented an abstract of the paw biomechanics work at the 2012 annual meeting of the Society for Neuroscience, entitled “Development of a model for movement analysis of squirrel monkey prehension”.

Adjunct Professor
Texas Christian University
Department of Psychology
January 2015-present
Lecturer for Human Neuropsychology and Introduction to Psychology courses.
RESEARCH GRANTS

Principal Investigator, American Osteopathic Association Grant #00-07-500, Effects of Osteopathic Manipulative Therapy on Locomotor Ability after Neocortical Injury in Rats. Total direct costs $19,400. Approved by AOA Board of trustees. Project start date September 1, 2000, end date April 1, 2002.

Principal Investigator, American Osteopathic Association Grant #00-07-500. Effects of Osteopathic Manipulative Therapy on Locomotor Ability after Neocortical Injury in Rats Project approved for renewal, total direct costs $28,400. Project start date April 4, 2002, project end date, January 2003.

AWARDS

Faculty Scholar Spring 2002
New York College of Osteopathic Medicine of the New York Institute of Technology

STUDENT AWARDS

Gerry Gracia, NYIT Presidential Service Award, December 6, 2000.
Heidi Rosario, NYIT Presidential Service Award, April 3, 2001.
Natalie Faroq, NY State Science Fair, 3rd Place, 2002.
Constanza Ruiz, Vanessa Cappellino Memorial Research Award, April 15, 2002.

PUBLICATIONS


INTERNET PUBLICATIONS


CONFERENCE PUBLICATIONS


Schmanke, T.D. and Barth, T.M. Amphetamine Facilitates Recovery of Motor but not Sensory Function following Cortical Damage in the Rat. Presentation at the annual meeting of the Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science, Albuquerque, NM, 1993.

Schmanke, T.D. and Barth, T.M. Amphetamine Facilitates Recovery of Forelimb Placing in Wistar rats after Unilateral Cortical Damage. Presentation at the first annual meeting Substance Abuse Institute of North Texas (SAINT), Fort Worth, TX, 1993.


REFERENCES

Dr. Mauricio Papini
Department of Psychology
Professor and Chairman of the Psychology Department
Texas Christian University
2800 South University Drive
Ft. Worth, Texas 76129 817-257-7410
m.papini@tcu.edu

Dr. Tim Barth
Associate Dean of Research and Graduate Studies
Texas Christian University
2800 South University Drive
Ft. Worth, Texas 76129 817-257-7410
t.barth@tcu.edu

Dr. Jaime Villablanca, Distinguished Professor
Departments of Psychiatry and Biobehavioral Sciences and of Anatomy and Cell Biology
University of California at Los Angeles
Mental Retardation Research Center
760 Westwood Plaza
Los Angeles, California 90095 (310) 825-5195
jvillablanca@mednet.ucla.edu

Dr. David Hovda, Professor of Molecular and Medical Pharmacology, and Neurosurgery
University of California at Los Angeles
Division of Neurosurgery
10833 Le Conte Avenue
Los Angeles, California 90095 (310) 206-3480
dhovda@mednet.ucla.edu

Dr. Bruce H. Dobkin, Professor of Neurology
Department of Neurology
University of California Los Angeles
Reed Neurologic Research Center
710 Westwood Plaza
Los Angeles, CA 90095 (310) 206-6500
bdobkin@mednet.ucla.edu
CURRICULUM VITAE

NAME: Shahid Shafi, MD, MPH, FACS, FCCM

EMAIL: shahid.shafi@bswhealth.org

HOME ADDRESS: 1200 Costa Azul Court
Southlake, TX 76092
Phone: (817) 437-5231

WORK ADDRESS: Baylor Scott & White Health
8080 North Central Expressway, Suite 900
Dallas, TX 75206
Telephone: (817) 437-5231

Surgical Group of North Texas, LLP
1056 Texan Trail
Grapevine, TX 76051
Phone: (817) 251-0070
Fax: (972) 259-2040

DATE OF BIRTH: 12/27/64 (Rajkot, India)


CITIZENSHIP: U.S.A.

EDUCATION:

1983 - 1988 M.B., B.S., Aga Khan University, Karachi, Pakistan
1990 - 1991 M.P.H., Johns Hopkins University, Baltimore, MD
2015 – 2017 (expected) M.B.A. Southern Methodist University, Dallas, TX

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

Nov. ‘88 - Oct. ‘89 Rotating Intern (Medicine, Surgery, Pediatrics), Aga Khan University Hospital, Karachi, Pakistan

Nov. ‘89 – Jun. ‘90 Resident, Community Health Sciences, Aga Khan University, Karachi, Pakistan

Jul. ‘91 - Dec. ‘95 Resident, General Surgery, University of Medicine and Dentistry of New Jersey, New Jersey Medical School, Newark, NJ

Jan. ‘96 – Jun. ‘97 Research Fellow, Pediatric Trauma, Children’s Hospital of Buffalo, Buffalo, NY
Jul. ‘97 – Jun. ‘98  Chief Resident, General Surgery, University of Medicine and Dentistry, New Jersey Medical School, Newark, NJ

Oct. ‘01 - Oct. ‘03  Fellow, Division of Traumatology & Surgical Critical Care, Hospital of the University of Pennsylvania, Philadelphia, PA.

FACULTY APPOINTMENTS:

Oct. ‘03 – Apr. ‘09  Assistant Professor of Surgery
University of Texas Southwestern Medical School at Dallas

May ’06 – Apr. ‘09  Adjunct Assistant Professor of Public Health
University of Texas School of Public Health at Houston Dallas Regional Campus

Mar. ’99 – May ‘01  Senior Instructor, General Surgery and Public Health
Aga Khan University and University Hospital, Karachi, Pakistan

HOSPITAL APPOINTMENTS:

Apr. ’09 – present  Staff Surgeon, Baylor Regional Medical Center at Grapevine (Grapevine, TX), Baylor Medical Center at Irving (Irving, TX), Baylor University Medical Center (Dallas, TX), Irving-Coppell Surgical Center

Jun. ’14 – present  Staff Surgeon, Forest Park Medical Center, Southlake, TX

Apr. ’09 – Oct. ’09  Las Colinas Medical Center (Irving, TX)

Oct. ‘03 – Apr. ‘09  Staff Surgeon, Parkland Memorial Hospital, Veterans Affairs Medical Center Dallas, Zale Lipshy University Hospital, St. Paul Medical Center, Dallas, TX

Oct. ‘02 – Sep. ‘03  Staff Surgeon, Hosp. of Univ. of Pennsylvania, Philadelphia, PA
Staff Surgeon, St. Luke’s Hospital, Bethlehem, PA

Mar. ’99 – Apr. ’01  Staff Surgeon, Aga Khan University and University Hospital, Karachi, Pakistan

ADMINISTRATIVE POSITIONS:

Jan. ’17 – present  CEO, Surgical Group of North Texas, Grapevine, TX

Jul. ’15 – present  Medical Director for Surgical Services, Baylor Scott & White Quality Alliance (An ACO), Dallas, TX

Jul. ’14 – present  Director, Surgical Quality Analytics, Baylor Scott & White Health System, Dallas, TX

Jun ’15 – present  Member, Metroport Teen Court Advisory Board, Southlake, TX
Mar. ’15 – present  Chair, General Surgery Subcommittee, Baylor Scott & White Quality Alliance (an Accountable Care Organization – ACO), Dallas, TX

May ’14 – present  Councilman (elected position), City of Southlake, TX

Jun ’14 – present  Member, Tax Increment and Reinvestment Zone Board, Southlake, TX

Nov. ’14 – Nov. ‘15  Founding Director, Research Institute, John Peter Smith Hospital, Fort Worth, TX

Apr. ’13 – Nov. ‘14  Consultant, Research Development, John Peter Smith Hospital, Fort Worth, TX

Sep. ’14 – present  Co-Chair, Research Committee, for merger of physician groups of John Smith Hospital and University of North Texas Health Sciences Center, Fort Worth, TX

Nov. ’12 – Jan. ‘14  Director of Research, Baylor Institute for Rehabilitation, Dallas, TX

Oct. ’06 – Sep. ‘08  Trauma Medical Director, Parkland Memorial Hospital, Dallas, TX

Oct.’06 – Sep. ‘08  Course Director, ATLS, Parkland Memorial Hospital, Dallas, TX

Jul. ’04 – Sep. ‘06  Medical Director of Trauma Registry, Parkland Memorial Hospital, Dallas, TX

**BOARD CERTIFICATION:**  American Board of Surgery - General Surgery (November 1999)  
Specialty Certification - Surgical Critical Care (October 2003)

**MEDICAL LICENSURE:**  Texas #L 7881

**SOCIETY MEMBERSHIP:**  American Association for Physician Leadership  
American College of Healthcare Executives  
American College of Surgeons  
American Association for the Surgery of Trauma  
Society of Critical Care Medicine  
Society of University Surgeons  
Eastern Association for the Surgery of Trauma  
Western Trauma Association

**EDITORIAL SERVICE:**  Joint Commission Journal on Quality and Patient Safety (invited reviewer)  
JAMA Surgery (invited reviewer)

**SERVICE TO PROFESSIONAL SOCIETIES**

2016  Chair, Ad Hoc Group of AAST to assess the need for developing an “Optimal Resources” document for Emergency General Surgery

2016 – 2019  Member, Seniors Committee, EAST
2016 – 2019 Member, Coding and Reimbursement Committee, AAST
2013 – 2016 Member, Strategic Review Committee, EAST
2013 – 2014 Chair, EAST Research and Scholarships Committee
2011 – 2014 Chair, AAST Committee on Injury Assessment and Outcomes
2012 – 2013 Chair, EAST Scholarship Committee
2011 – 2014 Member, Board of Directors, EAST
2011 – 2014 Member, Board of Trustees, EAST Foundation
2006 – 2010 Member, Task force for the Trauma Quality Improvement Project (TQIP), American College of Surgeons – Committee on Trauma
2006 – 2012 Vice Chair, North Texas Chapter, ACS - Committee on Trauma
2010 – 2012 Member, EAST Task Force on Research Related Issues
2008 – 2011 Member, AAST Committee on Injury Assessment and Outcomes
2011 – 2012 Chair, EAST Committee on Injury Control and Violence Prevention
2006 – 2009 Member, EAST Committee on Injury Control and Violence Prevention
2007 – 2010 Member, EAST Committee on Practice Management Guidelines
2009 – 2011 Member, EAST Program Committee

**HOSPITAL COMMITTEES**

2016 – present Digital Selection Group, Baylor Scott & White Health System, Dallas, TX
2011 – present Finance Committee, Baylor Quality Alliance (ACO), Baylor Health Care System, Dallas, TX
2011 – 2014 Physician Leadership Council, Baylor Medical Center, Grapevine, TX
2011 – 2013 Physician Champion, Hospital Acquired Pressure Ulcer Prevention, Baylor Medical Center, Grapevine, TX
2010 – 2012 Infection Control Committee, Baylor Medical Center, Grapevine, TX
2008 – 2009 Blood Utilization Review Committee, Parkland Hospital, Dallas, TX
2007 – 2008 Chiefs of Services Committee, Parkland Hospital, Dallas, TX

Page 4 of 24
STATE/LOCAL APPOINTMENTS:

2004 – 2009        North Texas Trauma Regional Advisory Council
2004 – 2009        Texas Governor’s EMS and Trauma Advisory Council

POST-GRADUATE TEACHING:

2006 – 2008        Director, Advanced Trauma Life Support (ATLS) course
                    University of Texas Southwestern, Dallas, TX
Jan. 2006 & 2007   Instructor, Bedside Procedures for the Practicing Intensivists
                    Society of Critical Care Medicine
Jan. 2006          Instructor, Imaging in Trauma Patients
                    Society of Critical Care Medicine

AWARDS AND HONORS:

2014              President of the United States Volunteer Service Award for Community
                  service
2011              Patients’ Choice Award, an honor awarded to top 5% of nation’s physicians
                  by the patients.
2011              Five Star Spirit Award from Baylor Regional Medical Center at Grapevine.
                  Awarded by peer nomination to recognize high quality service provided to
                  patients.
1997              Winner, Region 2, Resident paper competition
                  American College of Surgeons – Committee on Trauma.
1995              Distinguished Resident Achievement Award (General Surgery)
                  University of Medicine and Dentistry of New Jersey
                  New Jersey Medical School, Newark, NJ
1994              Winner, Region 2, Resident paper competition
                  American College of Surgeons – Committee on Trauma.
1990              The Johns Hopkins International House Fellowship
                  Johns Hopkins University School of Public Health, Baltimore, MD

GRANTS:
2012 – 17  Shafi S (PI). Traumatic Brain Injury Model Systems for North Texas. Funded by the National Institute for Disability and Rehabilitation Research (NIDRR) of the US Dept. of Health and Human Services (previously at the US Department of Education) for $2.4m over five years.


2009-13  Shafi S (PI). From NSQIP to TQIP – Trauma Quality Improvement Project. R01 grant funded by AHRQ for $899,499 over three years.

2010 -11  Shafi S (PI). Comparative Effectiveness of Clinical Care Processes in Resuscitation and Management of Moderate to Severe Traumatic Injuries – a multicenter study. Funded for $225,000 for one year by the National Trauma Institute/Dept. of Defense.

2010 -11  Shafi S (PI). Comparative Effectiveness of Clinical Care Processes in Resuscitation and Management of Moderate to Severe Traumatic Injuries. Funded by Seeger Foundation for $53,084 over one year.

2004-07  Shafi S (PI). Funded for $356,000 by the University of Texas Southwestern Medical School as a Disease-Oriented Clinical Scholar (DOCS) program to support faculty involved in clinical research.

2002–07  Gentilello L (PI), Shafi S (Co-PI). The Effect of Repealing the Uniform Accident and Sickness Policy Provision Law on Alcohol Screening in Emergency Departments and Trauma Centers. Funded for $300,000 by the Robert Wood Johnson Foundation, Princeton, NJ.

2002-03  Shafi S (PI), Mechem CC, Branas CC, Schwab CW. Value of Prehospital Interventions in Firearm Injuries – A Survey of Paramedics. Funded for $5000 by the Firearm Injury Center at Penn (FICAP), University of Pennsylvania, Philadelphia, PA.


INVITED TALKS:

2014  Grant Writing Workshop, Eastern Association for the Surgery of Trauma, Annual Scientific Assembly, Naples, FL, Jan. 13, 2014

2014  Building Research Capacity in Trauma, East Texas Medical Center, Tyler, TX, Jan. 9, 2014

<table>
<thead>
<tr>
<th>Year</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>Measuring Quality of Care in Trauma, Trauma Symposium, John Peter Smith Hospital, Fort Worth, TX, September 7, 2012</td>
</tr>
<tr>
<td>2012</td>
<td>Measuring Quality of Care in Trauma, Memorial Herman Hospital, Houston, TX, May 2012</td>
</tr>
<tr>
<td>2011</td>
<td>Measuring Quality of Care in Trauma, podcast by EAST.</td>
</tr>
<tr>
<td>2010</td>
<td>Strategic Planning, at the Leadership Development Workshop of the Eastern Association for the Surgery of Trauma (EAST), Jan. 19, 2010, Phoneix, AZ.</td>
</tr>
<tr>
<td>2009</td>
<td>Trauma Quality Improvement Project – TQIP. Texas EMS, Trauma, &amp; Acute Care Foundation (TETAF), EMS/Trauma Registry Summit, April 20-21, 2009, Dallas, TX.</td>
</tr>
<tr>
<td>2009</td>
<td>Advanced Ventilator Modes. 11th Annual Trauma Conference, Texas Health Research and Education Institute, April 24, 2009.</td>
</tr>
<tr>
<td>2008</td>
<td>Adult Trauma Epidemiology: Trauma and EMS Systems. UT Houston School of Public Health – Dallas, Regional Campus, October 23, 2008.</td>
</tr>
<tr>
<td>2008</td>
<td>Quality Improvement in Trauma Care. Trauma Grand Rounds, University of Toronto, St. Michael’s Hospital, January 23, 2008.</td>
</tr>
<tr>
<td>2007</td>
<td>Massive Resuscitation for Trauma, Grand Rounds, Dept. of Anesthesia, University of Texas Southwestern Medical School, Dallas, TX, November 14, 2007.</td>
</tr>
<tr>
<td>2001</td>
<td>Surgery Skills for General Practice in Developing Countries, Kandy Society of Medicine, Kandy, Sri Lanka.</td>
</tr>
</tbody>
</table>


Presented at the annual meeting of the Western Trauma Association


Presented at the annual meeting of the Eastern Association for the Surgery of Trauma


Presented at the annual meeting of the American Association for the Surgery of Trauma

Presented at the annual meeting of the American Association for the Surgery of Trauma


Presented at the annual meeting of the Trauma Association of Canada


Presented at the annual meeting of the Eastern Association for the Surgery of Trauma


Presented at the annual meeting of the Eastern Association for the Surgery of Trauma


Presented at the annual meeting of the Eastern Association for the Surgery of Trauma


Presented at the annual meeting of the American Association for the Surgery of Trauma


Presented at the annual meeting of the Society of University Surgeons and the Association for Academic Surgery.


Presented at the annual meeting of the *Eastern Association for the Surgery of Trauma*


Presented at the annual meeting of the *American Association for the Surgery of Trauma*


Presented at the Annual Meeting of the *American Association for the Surgery of Trauma*


Presented at the annual scientific meeting of the *Eastern Association for the Surgery of Trauma*


Presented at the annual meeting of the *Association for Academic Surgery*

Presented at the annual meeting of the **Western Surgical Association**.


Presented at the annual meeting of the **Trauma Association of Canada**


Presented at the annual scientific meeting of the **Eastern Association for the Surgery of Trauma**


Presented at the annual meeting of the **American Association for the Surgery of Trauma**


Presented at the annual meeting of the **Eastern Association for the Surgery of Trauma**


Presented at the annual meeting of the **Society of University Surgeons**


Presented at the annual meeting of the **American Association for the Surgery of Trauma**


Presented at annual meeting of the **Society of University Surgeons**.


Presented at the annual meeting of the **American Association for the Surgery of Trauma**.


   Presented at the annual meeting of the **American Association for the Surgery of Trauma**


   Presented at the annual meeting of the **Eastern Association for the Surgery of Trauma**.


   Presented at the annual meeting of the **Eastern Association for the Surgery**


   Presented at the annual meeting of the **Southwestern Surgical Congress**


   Presented at the annual meeting of the **Southwestern Surgical Congress**


   Presented at the annual meeting of the **American Association for the Surgery of Trauma**


   Presented at the annual meeting of the **American Association for the Surgery of Trauma**

Presented at the annual meeting of the *Eastern Association for the Surgery of Trauma*.


Presented at the annual meeting of the *American Association for the Surgery of Trauma*.


Presented at the annual meeting of the *American Association for the Surgery of Trauma*.


Presented at the annual meeting of the *Southwestern Surgical Congress*.


Presented at the annual meeting of the *Western Trauma Association*.


Presented at the annual meeting of the *Southwestern Surgical Congress*.


Presented at the annual meeting of the *Southwestern Surgical Congress*.


Presented at the annual meeting of the *American Association for the Surgery of Trauma*.

Presented at the annual meeting of the American Association for the Surgery of Trauma.


Presented at the annual meeting of the American Association for the Surgery of Trauma.


Presented at the annual meeting of the Eastern Association for the Surgery of Trauma.


Presented at the annual meeting of the Western Trauma Association.


Presented at the annual meeting of the American Association for the Surgery of Trauma.


Presented at the annual meeting of the American Pediatric Surgical Association.


Presented at the annual meeting of the American Association for the Surgery of Trauma.


Presented at the Second World Conference on Injury Control by CDC/WHO.
ABSTRACTS


5. Sobrino J, Shafi S. TQIP Rating Using In-Hospital vs. 30-day Mortality. Presented (poster) at the 72nd Annual Meeting of the American Association for the Surgery of Trauma, San Francisco, CA, September 18-21, 2013.


63. Friese RS, **Shafi S**, Gentilello L. Pulmonary Artery Catheter is Associated with Reduced Mortality in Severely Injured Patients: A National Trauma Data Bank Analysis of 53, 312 Patients. Presented (oral) at the Annual meeting of the American Association for the Surgery of Trauma, Maui, HI, September 2004.

64. Minei JP, **Shafi S**, Gentilello L. Gender Differences in Survival May be Due to a Lower Risk of Complications in Females: An Analysis of the National Trauma Data Bank. Presented (poster) at the Annual meeting of the American Association for the Surgery of Trauma, Maui, HI, September 2004.

65. Phelan H, **Shafi S**, Parks J, Maxson RT, Ahmad N, Murphy JT, Minei JP. Use of a Pediatric Cohort to Examine Gender and Sex Hormone Influences on Outcomes After Trauma. Presented (poster) at the Annual meeting of the American Association for the Surgery of Trauma, Maui, HI, September 2004.

66. **Shafi S**, Gilbert JC, Loghmanee F. Allen JE, Caty MG, Click PL, Carden S, Azizkhan RG. Impact of Bicycle Safety Helmet Legislation on Children Admitted to a Regional Pediatric Trauma Center.


EDITORIALS, CHAPTERS AND PARTICIPATION IN COMMITTEE REPORTS


Education

University of Kansas Medical Center  Kansas City, Kansas
- Fellow – Nephrology (06/2008-06/2011)

University of Kansas Medical Center  Kansas City, Kansas

University of Oklahoma College of Medicine  Oklahoma City, Oklahoma

University of Oklahoma  Norman, Oklahoma
- B.S. – Biochemistry - Minor- Philosophy (8/1997- 6/2001)

Graduated Magna Summa Cum Laude

University of Aberdeen  Aberdeen, Scotland
(1998-1999)

Oklahoma School of Science and Mathematics (O.S.S.M.) (1995-1997)

Board Certifications

American Board of Nephrology (2012)

American Board of Internal Medicine (2008)

State Medical Board Licenses

Texas

Kansas

Missouri
**Awards Received**


*Top Doc* - Fort Worth Magazine (2017 and 2014)

First place Award at Fellow & Resident Research Day - University of Kansas (Spring 2009)

Frankel Scholarship - Mayo Clinic College of Medicine (Fall 2004)


*Betty Ford Center Summer Institute for Medical Students* - (Only medical student selected from the University of Oklahoma College of Medicine) (Summer 2002)

*Phi Beta Kappa* - (Initiated in 2001)

Dean's Honor Roll throughout matriculation - University of Oklahoma (1997-2001)

*O.U. Scholar* throughout matriculation - University of Oklahoma (1997-2001)

*Goldwater Scholarship Finalist* (2000)

*Study Abroad Program* - One of two students to matriculate at University of Aberdeen (1998-1999)

**Research Experience**

*Investigating the effects of Lonidamine Derivatives on Cell Proliferation and Cyst Formation in Polycystic Kidney Disease* - with Nephrology Division at the University of Kansas (2008-2010)

*Toxicology Fellowship investigating the phenotypic characteristics of metastatic bladder cancer cells* - with Dr Robert Hurst at University health Sciences Center (2000)

*Investigating the effects of light emitting diodes (LEDS) on peroxidase activity and thus lignin deposition in plants at elevated carbon dioxide levels* - with Deborah Bishop at National Aeronautics and Space Administration (N.A.S.A.) (1998)

*Research on the effects of the catenin family of proteins on oocyte communication* - with D1 Alyce DeMarais at University of Oklahoma (1997-1998)
Publications/ Presentations


Resident and Fellow Day - University of Kansas (2009)

Medical Education Day - University of Kansas (2009)


Amyloidosis: A Unique Presentation - ACP Regional Chapter Meeting (2006)

Work Experience

Lone Star Kidney Care, PLLC Physician/ CEO (8/1/2011 - Present)

Veterans Administration Medical Center ED Physician (09/2008-07/2011)

Kaplan Instructor for MCAT, DAT, and OAT (Summer 2002 & Spring 2003)

OSSM Only Student Faculty member at Residence hall (2002-2003)
MUDITA SHAH, M.D.
800 8TH AVE. SUITE #236
FORT WORTH, TX 76104
drshahallergyimmunology@gmail.com
Office 817-810-9800 Cell 817-456-0879

Education

University of Kansas Medical Center
- Fellow – Allergy/Immunology
  Kansas City, Kansas
  (7/2008 - 7/2010)

University of Kansas Medical Center
- Resident – Internal Medicine
  Kansas City, Kansas

University of Oklahoma College of Medicine
- Doctor of Medicine
  Oklahoma City, Oklahoma

University of Oklahoma
- B.S. – Biochemistry
  Norman, Oklahoma
  (8/1997 - 6/2001)

Board Certifications

American Board of Allergy/Immunology (2010)

American Board of Internal Medicine (2008)

State Medical Board Licenses

Texas State Board of Healing Arts (2009)

Kansas State Board of Healing Arts (2008)

Awards Received

Novartis Fellowship Grant Recipient (2008-2010)

American College of Allergy, Asthma,& Immunology Travel Grant recipient (2008, 2009)


National Merit Scholar (1997)
Oklahoma State Regents Scholar (1997)


Publications / Presentations

TEVA Speaker (2014-2015)

KDFW Channel 4 News Segment (04/17/2014)

Top Doc 2014 360 Magazine

Rocuronium Anaphylaxis- Evaluation and Management – Published in the Annals of Allergy and Immunology and presented at the ACAAI Meeting Miami (2010)

Cogan’s Syndrome; A Discussion on Treatment – Published in the Annals of Allergy and Immunology and presented at the ACAAI Meeting Seattle (2009)

Professional Associations Memberships

American College of Allergy, Asthma, and Immunology

American Academy of Asthma, Allergy, and Immunology

Texas Medical Association

American College of Physicians Member (2005-2008)

Work Experience

Lone Star Allergy, Asthma, and Immunology, PLLC- Physician/ CEO (8/1/2011 - Present)

Veterans Administration Hospital, Kansas City, MO Contract Physician (9/2008-7/2011)

Kaplan Instructor for MCAT, DAT, and OAT ( Summer 2002 & Spring 2003)
CURRICULUM VITAE
Spencer M. Smith, M.D.
3400 Overton Park West
Fort Worth, TX 76109
dr.spencer.smith@gmail.com
(682) 209-8485

EDUCATION
• College
  ➢ Brigham Young University, Provo, UT
    B.S. Degree, Zoology Major, 1985
• Medical School
  ➢ Duke University School of Medicine, Durham, NC
    M.D. Degree, 1990
• Research Sabbatical
  ➢ Howard Hughes Medical Institute - National Institutes of Health Research
    Scholar Program, Laboratory of Cell Biology, National Cancer Institute,
    Bethesda, MD, 1987 - 1989

POST GRADUATE TRAINING
• Diagnostic Radiology Residency
  ➢ Mallinckrodt Institute of Radiology, Washington University in St. Louis,
    St. Louis, MO, 1990 - 1994
• Body Imaging Fellowship (MRI, CT and Ultrasound)
  ➢ Johns Hopkins Hospital, Baltimore, MD, 1994 - 1995

MEDICAL LICENSURE
• State of Texas, License J8134

BOARD CERTIFICATION
• American Board of Radiology, Lifetime Certificate, 1994

EMPLOYMENT
• Radiology Associates of North Texas, Fort Worth, TX, 1995 - 2014
  ➢ Education Committee Chair, 1998 - 2007
  ➢ Bedford Imaging Center Medical Director, 1999 - 2013
  ➢ Cardiovascular CT Director, 2006 - 2012
  ➢ Medical Peer Review Committee Chair, 2007 - 2013

PRESENT POSITION
• Adjunct Assistant Professor, Department of Medical Education, Texas College of
  Osteopathic Medicine (TCOM), Fort Worth, TX, 2015 - Present
PRESENT TEACHING AND MENTORING ACTIVITIES

- TCOM Faculty Advisor, Radiology Interest Group, 2016 - Present
- TCOM Medical Student Instructor
  - Year One, 2015 - Present
    - Imaging of normal anatomy and basic pathology for all organ systems
  - Year Two, 2016 - Present
    - Honors seminar on cardiothoracic imaging
    - Boards preparation radiology review lecture series
  - Year Four, 2017 - Present
    - Advanced Radiology (July) and General Radiology (January) elective clerkships preceptor

HONORS AND AWARDS

- College
  - Magna Cum Laude graduation honors
  - Trustees Scholarship four-year, full-tuition academic award
  - National Institutes of Health Summer Program Special Achievement Award, for molecular genetics research
- Medical School
  - Alpha Omega Alpha Honor Medical Society, Duke Chapter
  - Howard Hughes Medical Institute - NIH Research Scholar

PROFESSIONAL SOCIETY MEMBERSHIPS

- American College of Radiology
- Alliance of Medical Student Educators in Radiology
- American Roentgen Ray Society
- Association of University Radiologists
- Radiological Society of North America
- Tarrant County Medical Society
- Texas Medical Association
- Texas Radiological Society

LECTURES AND PRESENTATIONS

- *Orbital CT*, Mallinckrodt Institute of Radiology, St. Louis, MO, February 20, 1992
- *Adnexal Ultrasonography*, Mallinckrodt Institute of Radiology, St. Louis, MO, March 10, 1993
Spencer M. Smith, M.D.

Page 3

- *Appropriate Radiologic Studies in Establishing Diagnosis and Accurate Staging of Lung Cancer*, Advances in Lung Cancer Treatment symposium, Fort Worth, TX, August 20, 1998
- *Introduction to Diagnostic Radiology*, Medical and Dental Professional Association, University of Texas at Arlington, Arlington, TX, November 3, 2000
- *Ordering Advanced Imaging Studies*, Texas Society of Medical Assistants, Dallas, TX, July 26, 2003
- *Cardiovascular CT Angiography*
  - Plaza Medical Center Noon Conference, Fort Worth, TX, June 30, 2006
  - North Hills Hospital Medical Staff Meeting, North Richland Hills, TX, August 22, 2006
  - Tarrant County Academy of Family Medicine Meeting, Fort Worth, TX, November 18, 2006
  - American Heart Association Luncheon, Fort Worth, TX, February 22, 2007
  - Baylor 1st Annual Cardiovascular Symposium, Fort Worth, TX, February 24, 2007
  - HCA Cardiovascular Symposium, Grapevine, TX, June 9, 2007
  - Cook Children’s Medical Center Grand Rounds, Fort Worth, TX, June 16, 2007
  - Texas Health Fort Worth Cardiovascular Grand Rounds, Fort Worth, TX, June 29, 2007
  - Texas Osteopathic Medical Association Meeting, Dallas, TX, February 9, 2008
  - Baylor 3rd Annual Cardiovascular Symposium, Fort Worth, TX, February 14, 2009

**BIBLIOGRAPHY**

- Abraham, I., Hunter, R.J., Sampson, K.E., Smith, S., Gottesman, M.M. and Mayo, J.K. *Cyclic AMP-Dependent Protein Kinase Regulates Sensitivity of Cell to Multiple Drugs*. Molecular and Cellular Biology 1987, 7(9): 3098-3106
Curriculum Vitae

Name: Dave Spear, M.D.  
Mailing Address: PO Box 802001  
Dallas, TX 75380  
Phone 432-528-1985  
e-mail Dave@DaveMD.com

Place of Birth: Akron, Colorado

Present Position:  
Assistant Clinical Professor  
Department of Emergency Medicine  
UT Southwestern Medical School  
Dallas, TX

ER Attending Physician  
Trauma and Procedure Director  
Ultrasound Director  
Fluoroscopy Director  
Texas Health Harris Methodist Hospital  
Fort Worth, TX

Emergency Ultrasound Director  
Pediatric Emergency Medicine Fellowship  
Children’s Medical Center of Dallas  
Dallas, TX

Ultrasound Faculty  
Department of Emergency Medicine  
Parkland Hospital  
Dallas, TX

Medical Director  
Big Bend National Park  
Big Bend, TX

EMS Medical Director  
Multiple Texas Communities:  
Terlingua, Kermit  
McCamey

Education:  
Field of Study:  
Degree:  
Year:

Univ. of Miss., Jackson, MS  
Emergency Medicine Residency  
B.C.  
1988-91

Pres./ St. Luke's, Denver, CO  
Internal Medicine Residency  
B.E.  
1986-88

Pres./ St. Luke's, Denver, CO  
Internal Medicine Internship  
1985-86

Wayne State Univ., Detroit, MI  
Medical School  
M.D.  
1981-85

Albion College, Albion, MI  
Mathematics/ Physics  
B.A.  
1977-80

Swedish Hospital, Denver, CO  
Emergency Medicine  
Paramedic  
1981

Lutheran Hospital, Denver, CO  
Emergency Medicine  
E.M.T.  
1978

Emergency Medicine Experience:  
Year:  
Position:

Children’s Medical Center Dallas  
2011 - Present  
Director, Emergency Ultrasound

Parkland Hospital, Dallas, TX  
2006 - Present  
ER Faculty

Parkland Hospital, Dallas TX  
2006 - 2008  
Director, Emergency Ultrasound

Children’s Medical Center Dallas  
2007 - Present  
ER Faculty

Dell Children’s Hospital, Austin, TX  
2005 - 2010  
ER Attending

Brackenridge Trauma Center, Austin, TX  
2005 - 2010  
ER Attending

Harris Methodist Hospital, Ft. Worth, TX  
2004 - Present  
ER Attending, Ultrasound Director

Medical Center Hospital, Odessa, TX  
1991-2004  
ER Attending

Jones County Hospital, Laurel, MS  
1988-1991  
ER Attending

Paramedic - Ambulance, Denver, CO  
1980-1986  
2200 calls

EMT/Ambulance Attendant, Denver, CO  
1977-1980  
1000 calls

TOTAL YEARS OF EMERGENCY MEDICINE 40
Emergency Medicine Instruction and Certification:

American Board of Emergency Medicine, Fellow, Diplomat (1994-Present)
Advanced Cardiac Life Support – Provider (1981-83), Instructor (1983-93), Course Coordinator (1993-95),
        Affiliate Faculty (1996-1999), Regional Faculty (Current), CTC (Current)
Advanced Trauma Life Support - Instructor (1989-Present), Site Director (2002)
Pediatric Advanced Life Support Instructor (1988-Present), CTC (Current)
Advanced Pediatric Life Support, Course director, Instructor (1999-Present)
Certified Base Station Physician (1991)
Certified Lifeguard, American Red Cross (1996-2000)

Committee Membership / Appointments / EMS Directorship in Reverse Chronological Order:

TCU Medical School, Curriculum Advisory Committee, Ft. Worth, TX 2016-present
Governor's EMS and Trauma Advisory Council, Medical Directors Committee 2012-2016
Governor's EMS and Trauma Advisory Council, Medical Directors Committee 2003-2009
Chairman, Emergency Medicine, Medical Center Hospital, Odessa, TX 2002-2004
Medical Director, Big Bend National Park, Big Bend, TX 2001-Present
911 Commission, Ector County, Texas 1998-2004
Chief Medical Examiner, Ector County, Texas 1997-2005
Board Certification, American College of Forensic Examiners 1997-2002
Texas Emergency Health Care Advisory Committee - EMS Subcommittee 1995-1999
Texas EMS Advisory Council, Medical Directors Committee 1992-1994
Medical Director, Odessa Fire Department, Odessa, TX 1992-2010
Medical Director, Clinton Fire Department, Clinton, MS 1989-1991
Central Mississippi EMS District, Member of Medical Advisory Committee 1989-1991
Emergency Medical Technician Association of Colorado, Advisory Board 1986-1987

Recognition and Special Honors:

Outstanding Achievement in Local Government Innovation Award, 2008, Alliance for Innovation
1st World Congress of Emergency Ultrasound, Milan, Italy, June 2005 recognized as instituting the first EMS Ultrasound program in the world.
Outstanding Medical Director, 1999, Region "J " Texas Trauma Committee

Clinical Publications

Can Novice Sonographers Accurately Locate an Endotracheal Tube With a Saline-filled Cuff in a Cadaver Model? A Pilot Study Atim Uya, MD, Dave Spear, MD, Kalpesh Patel, MD, Pam Okada, MD, Paul Sheeran, MD, and Audra McCreight, MD, Academic Emergency Medicine 19:361-64, 12 Mar

Implementation of a successful registered nurse peripheral ultrasound-guided intravenous catheter program in an emergency department, Miles, G, Spear D, Salcedo, A. J. Emer Nursing, 7/2012


Novel Picture in Picture video technique to improve the interpretation of bedside ultrasound images in the ED,
Spear, Randles, Miller, SAEM, Abstract, 2009

**Book Chapters:**


*EMS Ultrasound*, Odessa, Spear DS, 911Sono Publishing, 2001

**Grants & Special Projects:**

USDA Telemedicine Grant – Telemedicine system funded in 2001. Serves as 24/7 medical support for a 3500 square mile area of remote southwest Texas. Implemented a paramedic suture program. Implemented a remote ultrasound telemedicine program.

EMS Ultrasound – Odessa Fire Department implemented the first use of Ultrasound by Paramedics in the U.S. under grants from the Trauma Region (May 2000)

University of Texas of the Permian Basin – Developed and instructed a gross anatomy class for undergraduate students 1996-2003

OEPAF, Inc. – Formed this non-profit corporation to fund emergency medicine education (1995). Developed the “Anatomy of Emergency Medicine CE classes designed for physicians, paramedics and emergency room staff – funded by grants from Texas Department of Health 1995-present

Obtained an American Heart Association Training Center designated for BLS, AED, PALS and ACLS (2000).

Registered as a USDA Registered Research Facility (2001 - present)

Became an American College of Surgery Advanced Trauma Life Support Course Site (2001).

**National and International Lectures and Presentations by Dr. Spear (Reverse Chronological Order last 4 years):**

Does not include ACLS, PALS, ATLS, PEPP, PHTLS and Surgical Skills Labs

5th World Congress on Medical School Ultrasound Speaker – EMS Ultrasound Lubbock, TX Aug 2016

Tex College of Emer Physicians Annual Meeting Emergency SIM Lab Ft Worth, TX April 2016

Tex College of Emer Physicians Annual Meeting Emergency Ultrasound Austin, TX April 2015

Mt Sinai Medical School, New York Pediatric Grand Rounds New York, NY Feb 2015

Society of Academic Emergency Medicine Fluoroscopy in the ER Dallas, TX May 2004

North Lake Tahoe Paramedic Refresher Emergency Field Ultrasound Incline Village, CA Dec 2013

Texas Dept. of Health EMS Conference Cadaver Procedures Lab Ft. Worth, TX Nov 2013

Texas Dept. of Health EMS Conference Cardiac Arrest Ultrasound Ft. Worth, TX Nov 2013


Dallas Children’s Hospital, Dallas, TX Critical Care Ultrasound Dallas, TX July 2013

Tex College of Emer Physicians Annual Meeting Emergency Ultrasound Frisco, TX April 2013

Texas Dept. of Health EMS Conference Cadaver Procedures Lab Austin, TX Nov 2012

Texas Dept. of Health EMS Conference Cardiac Arrest Ultrasound Austin, TX Nov 2012

7th World Congress of Emergency Ultrasound Speaker – Pediatric Ultrasound Barcelona Oct 2012

Dallas Childrens’ Hospital, Dallas, TX Critical Care Ultrasound Dallas, TX July 2012

Tex College of Emer Physicians Annual Meeting Emergency Ultrasound San Antonio, TX April 2012

Tex College of Emer Physicians Annual Meeting Emergency Ultrasound San Antonio, TX April 2011

1st World Congress on Medical School Ultrasound Speaker – Vascular Access Columbia, S. C. April 2011

Tex College of Emer Physicians Annual Meeting Emergency Ultrasound Galveston, TX April 2011

6th World Congress of Emergency Ultrasound Speaker – Vascular Access Rome, Italy Sept 2009

6th World Congress of Emergency Ultrasound Speaker – Pediatric Ultrasound Rome, Italy Sept 2009
Tex College of Emer Physicians Annual Meeting  Emergency Ultrasound  Frisco, TX  April 2010
Texas Childrens Hospital, Houston, TX  Pediatric Ultrasound  Houston, TX  March 2010
Texas Dept. of Health EMS Conference  Pediatric Ultrasound  Ft. Worth, TX  Nov 2009
5th World Congress of Emergency Ultrasound  Speaker – Vascular Access  Sydney, Australia  Sept 2009
5th World Congress of Emergency Ultrasound  Speaker – Pediatric Ultrasound  Sydney Australia  Sept 2009
Tex College of Emer Physicians Annual Meeting  Emergency Ultrasound  San Antonio, TX  April 2009
Tex College of Emer Physicians Annual Meeting  Emergency Ultrasound  Houston, TX  April 2008
4th World Congress of Emergency Ultrasound  Moderator – Primary Clinical  P. Alegre, Brazil  March 2008
4th World Congress of Emergency Ultrasound  Speaker – Vascular Access  P. Alegre, Brazil  March 2008
4th World Congress of Emergency Ultrasound  Speaker – Critical Ultrasound  P. Alegre, Brazil  March 2008
4th World Congress of Emergency Ultrasound  Speaker – Central Access  P. Alegre, Brazil  March 2008
4th World Congress of Emergency Ultrasound  Speaker – Prehospital U/S  P. Alegre, Brazil  March 2008
Emergency Medicine Ultrasound Intro  Emergency Ultrasound  Tyler, TX  Oct 2007
Emergency Medicine Ultrasound Intro  Emergency Ultrasound  Dallas, TX  Sept 2007
Illinois College of Emergency Physicians  Emergency Field Ultrasound  Chicago, IL  June 2007
3rd World Congress of Emergency Ultrasound  Chair – Clinical Ultrasound  Paris, France  May 2007
3rd World Congress of Emergency Ultrasound  Pre-Hospital Ultrasound  Paris, France  May 2007
Tex College of Emer Physicians Annual Meeting  Emergency Ultrasound  Dallas, TX  April 2007
2nd World Congress of Emergency Ultrasound  Out of Hospital Ultrasound  New York, NY  June 2006
2nd World Congress of Emergency Ultrasound  Trauma Vascular Access  New York, NY  June 2006
Emergency Medicine Ultrasound Advanced Course  Emergency Ultrasound  Ft. Worth, TX  May 2006
Texas Dept. of Health EMS Conference  EMS Liability Case Law Review  Austin, TX  Nov 2005
Emergency Medicine Ultrasound Intro  Cadaver Course  Austin, TX  Nov 2005
Texas Dept. of Health EMS Conference  Cadaver Course  Austin, TX  Oct 2005
Air Medical Transport Annual Meeting  Malpractice Mitigation  Austin, TX  Oct 2005
Air Medical Transport Annual Meeting  Cadaver Lab  Austin, TX  Oct 2005
Texas College of Emergency Physicians  EMS Medical Director Liability  San Antonio, TX  Sept 2005
Emergency Medicine Ultrasound Intro  Emergency Ultrasound  Ft. Worth, TX  July 2005
1st World Congress of Emergency Ultrasound  Out of Hospital Ultrasound  Milan, Italy  June 2005
1st World Congress of Emergency Ultrasound  Chair, Out of Hospital Session  Milan, Italy  June 2005
1st World Congress of Emergency Ultrasound  Moderator, Telemedicine  Milan, Italy  June 2005
Emergency Medicine Ultrasound Intro  Emergency Ultrasound  Ft. Worth, TX  May 2005
Emergency Medicine Ultrasound Intro  Emergency Ultrasound  Arlington, TX  Feb 2005
Texas Dept. of Health EMS Conference  Cadaver Course  Austin, TX  Nov 2004
Air Medical Transport Annual Meeting  Emergency Ultrasound  Cincinnati, OH  Oct 2004
EMS National Conference  EMS Ultrasound  Salt Lake City, UT  March 2004
Texas Dept. of Health EMS Conference  EMS Ultrasound  San Antonio, TX  Nov 2003
Texas Dept. of Health EMS Conference  Telemedicine  San Antonio, TX  Nov 2003
Boston Medflight Yearly Conference  EMS Ultrasound  Boston, MA  Oct 2003
Texas Dept. of Health EMS Conference  EMS Ultrasound  Austin, TX  Nov 2002
Texas Dept. of Health EMS Conference  Telemedicine  Austin, TX  Nov 2002
Texas Dept. of Health EMS Conference  EMS Ultrasound  Austin, TX  Nov 2001
Curriculum Vita

Tristan J. Tayag

Professor, Engineering Department, Texas Christian University, TCU Box 298640, Fort Worth, TX 76129
Office: 817.257.6276; Cell: 682.321.9716; Email: t.tayag@tcu.edu

EDUCATION:

Doctor of Philosophy in Electrical Engineering
University of Virginia
Charlottesville, Virginia
May 1991

Master of Science in Engineering
Johns Hopkins University
Baltimore, Maryland
May 1987

Bachelor of Science in Electrical Engineering
Johns Hopkins University
Baltimore, Maryland
(minor in German)
May 1986

PROFESSIONAL POSITIONS:

Texas Christian University
Full Professor, 2011-present
Fort Worth, Texas
Associate Professor, 2002-2011
Assistant Professor, 1997-2002

University of North Texas
Adjunct Clinical Associate Professor: Dept of Orthopaedic Surgery
Health Science Center
2008-present
Adjunct Associate Professor: Dept of Cell Biology & Genetics
Fort Worth, Texas
2008-2011

United States Military Academy
ARL Visiting Scientist: EE&CS Department
West Point, New York
1996-1997

University of Maryland
Special Member of the Graduate Faculty
College Park, Maryland
1997-1999

U.S. Army Research Laboratory
Electronics Engineer, GS-14: Optics Branch
Adelphi, Maryland
1991-1997

University of Oklahoma
Lecturer: EECS Department, 1991
Norman, Oklahoma

University of Virginia
Research Assistant: Electro-optics Laboratory, 1988-1989
Charlottesville, Virginia
Teaching Assistant: EE Department, 1987

Johns Hopkins University
Associate Engineer: Electro-optical Systems Group, 1986-1987
Applied Physics Laboratory
Technical Aide: Radar Signal Processing Group, 1985
Laurel, Maryland

Westinghouse Electric Corp.
Internship Program: Command and Control Division, 1985
Baltimore, Maryland
TEACHING EXPERIENCE:

Courses Taught at Texas Christian University:

- ENGR 10042 Principles of Digital Logic
- ENGR 20404 Network Analysis I (integrated lecture and lab)
- ENGR 20413 Network Analysis II
- ENGR 30003 Magnetic Field Sensing for Magnetoencephalography (honors tutorial)
- ENGR 30014 Materials Science (lecture portion only)
- ENGR 30444 Electronics I (integrated lecture and lab)
- ENGR 30503 Signals and Systems
- ENGR 30543 Electromagnetics
- ENGR 30861 Mechanical Systems Lab I
- ENGR 40003 Magnetic Field Sensors (honors tutorial)
- ENGR 40454 Semiconductor Device Electronics (integrated lecture and lab)
- ENGR 40484 Electromechanics (integrated lecture and lab)
- ENGR 40544 Fiber Optic Communications (integrated lecture and lab)
- ENGR 40754 Digital Signal Processing (integrated lecture and lab)
- ENGR 40903/40913 Systems Design I & II (senior capstone design)
- ENGR 40970 Technology Entrepreneurship Seminar (seminar)
- ENGR 40970 Computer Simulation of a Bioreactor (independent study)
- ENGR 40970 Bioreactor Design (independent study)
- ENGR 40970 Fluorescence Imaging (independent study)
- ENGR 40970 Fiber Optic Interferometry (independent study)
- ENGR 40970 Rotating Bioreactor Hydrodynamics (independent study)
- SCIE 20103 Technology Entrepreneurship (study abroad course – Australia)

Courses Taught at the United States Military Academy:

- EE 381 Signals and Systems
- EE 383 Electromagnetic Fields
- EE 489 Photoemitters for Optical Communications Applications (independent study)

Course Taught at the University of Oklahoma:

- ECE 3613 Electromagnetic Fields II

Course Taught at the University of Virginia:

- ECE 2630 Introductory Circuit Analysis Lab (Teaching Assistant)
Publications:

Referred Archival Publications:


Referred Conference Proceedings:


1 Publications set in bold print are related to medical technology.
Note: Over 4,000 downloads by May 2017 (Most downloaded chapter of this open access textbook).


Note: Awarded 2nd Place in the Student Paper Contest.


20. T. J. Tayag, A. H. Sayles, and P. M. Ryan, “Army Research Laboratory Sponsorship of Senior Design
Projects at West Point,” in Proceed. of the ASEE Zone I Meeting – Engineering Education, West Point, NY (April 1997).

Papers Presented at Conferences, Workshops, etc.:

10. T. J. Tayag, “Case study: TCU capstone design project with Corning,” invited presentation, Thales Australia, Sydney, Australia (June 2013).

Note: Awarded First Place for the Texas College of Osteopathic Medicine (TCOM) Poster and also
Awarded First Place for the TCOM Honors Student Poster
Note: Awarded Best Undergraduate Engineering Poster.
Note: Awarded Best Undergraduate Engineering Poster.
Note: Awarded Best Undergraduate Engineering Poster.

Note: Awarded Best Undergraduate Engineering Poster.


29. T. J. Tayag, “Electrical engineering technologies applied to problems in tissue science,” *University of North Texas/Health Science Center: Guest Lecture Series*, Fort Worth, TX (December 2004).


Note: Awarded Sigma Xi’s Best Undergraduate Paper for Interdisciplinary Research.


44. T. J. Tayag, “Research in integrated optics and digital signal processing at TCU,” *MRCEDM Spring Poster Festival*, Denton, TX (March 2000).


Note: Awarded 2nd Place in the Student Paper Contest (Engineering Technology Category).


Note: Distinguished as 1 of 5 “Highlighted Posters” from a field of about 20 papers.


54. T. J. Tayag, “ARL Research in Optical Technologies,” University of Oklahoma ECE Department Seminar, Norman, OK (October 1994).


Technical Reports:


Patents:

Funding Support:

Current:

Title: “Sensor for Magnetoencephalography”
Type: Research
Principle Investigator: T. J. Tayag
Funding Agency: UHV Technologies, Inc.
Funding Period: October 2016 – September 2017

Completed:

Title: “Helmet Mounted Display Optical System”
Type: Research
Principle Investigator: T. J. Tayag
Funding Agency: Bell Helicopter Textron, Inc.
Funding Period: June 2015 – December 2016

Title: “Pancreatic Islet Tissue Engineering”
Type: Research
Principle Investigators: T. J. Tayag and J. Coffer
Funding Agency: Texas Christian University Invests in Scholarship (TCU IS)
Funding Period: June 2014 – May 2015

Title: “Development of a Bone Processing Machine”
Type: Education/Training
Principle Investigator: T. J. Tayag
Funding Agency: UNT Health Science Center
Funding Period: August 2014 – May 2015

Title: “Tactile Limit Cueing”
Type: Research
Principle Investigator: T. J. Tayag
Funding Agency: Bell Helicopter Textron, Inc.
Funding Period: January 2013 – May 2014

Title: “Development of Curing Oven for Fiber Optic Connectors”
Type: Educational/Training
Principle Investigator: T. J. Tayag
Funding Agency: Corning Cable Systems, Inc.
Funding Period: August 2012 – May 2013

Title: “Interdisciplinary learning tool: Increasing student learning across all grades and subjects”
Type: Educational/Training
Student Investigators: M. Antony, D. Burns, J. Myers, J. Pacheco, and S. Rose
Faculty Mentors: E. Simanek and T. J. Tayag
Funding Agency: TCU College of Science & Engineering/SERC
Funding Period: November 2012 – May 2013

2 Funding set in bold print are related to medical technology.
Title: “TCU Investigation of a Cockpit Synthetic Display System”
Type: Educational/Research
Principal Investigator: T. J. Tayag
Funding Agency: Bell Helicopter Textron, Inc.
Funding Period: August 2011 – May 2012

Title: “TCU Investigation of a Helmet Mounted Display – Phase 2”
Type: Research
Principal Investigator: T. J. Tayag
Funding Agency: Bell Helicopter Textron, Inc.
Funding Period: July 2010 – April 2011

Title: “Interferometric System for Intraocular Lenses”
Type: Training/Educational
Principal Investigator: Z. Zhang
Mentor: T. J. Tayag
Funding Agency: TCU Undergraduate Research and Creative Activities Initiative
Funding Period: October 2010 – May 2011

Title: “TCU Investigation of a Helmet Mounted Display”
Type: Research
Principal Investigator: T. J. Tayag
Funding Agency: Bell Helicopter Textron, Inc.
Funding Period: January 2010 – June 2010

Title: “Characterization of a Rotating Bioreactor for Fluorescent Imaging”
Type: Research
Principal Investigator: T. J. Tayag
Funding Agency: Metroplex Research Consortium for Electronic Devices and Materials
Funding Period: June 2009 – June 2010

Title: “Design and Validation of a Rotating Wall Vessel Culture System”
Type: Research
Principal Investigator: T. J. Tayag
Co-Investigator: S. D. Dimitrijevich
Funding Agency: University of North Texas Health Science Center
Funding Period: January 2009 – December 2009

Title: “Biomechanical Testing Using the MTS Mini Bionix Test System”
Type: Research
Principal Investigator: T. J. Tayag
Funding Agencies: UNTHSC and John Peter Smith Hospital
Funding Period: December 2007 – August 2008

Title: “Ballistic Shock Measurement System Using Optical Fibers – Phase II”
Type: Research
Principal Investigator: R. S. Weis
Co-Investigator: T. J. Tayag
Funding Agency: U. S. Army Aberdeen Test Center
Funding Period: July 2007 – September 2008
Title: “Ballistic Shock Measurement System Using Optical Fibers”  
Type: Research  
Principal Investigator: R. S. Weis  
Co-Investigator: T. J. Tayag  
Funding Agency: U. S. Army Aberdeen Test Center  
Funding Period: June 2006 – May 2007

Title: “Fluorescent Imaging of a Rotating Wall Vessel Bioreactor”  
Type: Research  
Principal Investigator: T. J. Tayag  
Funding Agency: Texas Christian University: Research and Creative Activities Fund  
Funding Period: June 2006 – May 2007

Title: “Modelling the Tomographic Reconstruction of an IOL”  
Type: Research  
Principal Investigator: T. J. Tayag  
Funding Entity: Alcon Research, Ltd.  
Funding Period: August 2006 – February 2007

Title: “SMART Bioreactors”  
Type: Research  
Principal Investigator: T. J. Tayag  
Funding Agency: University of North Texas Health Science Center  
Funding Period: January 2007 – August 2007

Title: “Preliminary Study of a Machine Vision System for Tissue Bioreactors”  
Type: Research  
Principal Investigators: T. J. Tayag  
Funding Agency: TechFortWorth  
Funding Period: May 2004 – June 2005

Title: “Fundamental Technology Development for a Light Projection Array”  
Type: Research  
Principal Investigators: E. S. Kolesar and T. J. Tayag  
Funding Agency: Keyotee, Inc.  
Funding Period: August 2002 – August 2003

Title: “Interferometric Sensors”  
Type: Research  
Principal Investigator: R. S. Weis  
Co-Investigator: T. J. Tayag  
Funding Agency: Weatherford Completion Systems (formerly CiDRA Optical Sensing Systems)  
Funding Period: May 2001 – December 2001

Title: “Smart Sensors Based on Integrated Optics and Microelectromechanical Systems”  
Type: Research  
Principal Investigator: T. J. Tayag  
Funding Agency: Army Research Office  
Funding Period: September 1998 – August 2002

Title: “Design, Modeling, and Fabrication of a Power Combiner Based on the Talbot Effect”  
Type: Research
Principal Investigator: T. J. Tayag  
Funding Agency: Army Research Office  
Funding Period: July 1998 – January 1999

Title: “A Novel Acoustic Sensor”  
Type: Research  
Principal Investigator: T. J. Tayag  
Co-Investigator: E. S. Kolesar  
Funding Agency: Texas Christian University: Research and Creative Activities Fund  
Funding Period: June 1998 – May 1999

Title: “Talbot Effect Devices for Optical Communications”  
Type: Research  
Principal Investigator: T. J. Tayag  
Funding Agency: Texas Christian University: Research and Creative Activities Fund  
Funding Period: November 1997 – May 1998

Title: “Visiting Scientist at the U.S. Military Academy”  
Type: Research  
Principal Investigator: T. J. Tayag  
Funding Agency: Army Research Laboratory  
Funding Period: August 1996 – June 1997

Title: “Integrated Photonics for Code-Division Multiple Access Communications”  
Type: Research  
Principal Investigator: T. J. Tayag  
Co-Investigator: G. W. Euliss  
Funding Agency: Army Research Laboratory: Director’s Research Initiative  
Funding Period: December 1994 – October 1995

UNIVERSITY SERVICE:

Student Theses/Dissertations Advised:

8. Undergraduate Honors Program committee member for Akhil Thomas, “Fiber Optic Ballistic Shock

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3 University service set in bold print are related to medical technology.
Vibrometer Sensor,” Texas Christian University (May 2009)

9. Research committee member for Patrick B. Wright, MD, Resident training in orthopaedic surgery, Research project: Tension band fixation of transverse patella fractures, John Peter Smith Hospital (2008)

10. Research committee member for Nathan Lesley, MD, Resident training in orthopaedic surgery, Research project: Patellar component of total knee arthroplasty, John Peter Smith Hospital (2007)

11. Research committee member for Sara P. Simmons, MD, Resident training in orthopaedic surgery, Research project: Tendon gliding resistance, John Peter Smith Hospital (2007)


14. Master’s Thesis committee member for Suryaprasad Kareenahalli, “Multimode Interference Devices and Applications to WDM,” University of Maryland (May 1997)

Committee Service (Partial Listing):

1. Committee Member, TCU University Council (2016-2019)
2. Committee Member, TCU Ad Hoc Committee on Study Abroad (2016-2017)
3. Committee Member, TCU Intellectual Property Review Committee (2015-2020)
4. Committee Member, TCU Gender Equity Committee (2015-2017)
5. Advisory Board Member, TCU Center for International Studies (2014-2016)
7. Graduate Faculty, TCU (2011-2017)

10. Member, GC2020 Marketing & Communications Task Force (2012-2013)
11. Co-Director, TCU Internationalization Laboratory, American Council on Education (2012-2014)
12. Appointed Member, University Advisory Committee (2012-2015)
13. Academic Appeals Committee, TCU (2011-2014)
15. Liaison to the Center for International Studies, TCU College of S&E (2009-present)
16. Tenure/Promotion Advisory Committee, TCU College of Science & Engineering (2006-2007)
22. SACS Educational Programs Committee, Special Programs Subcommittee (2001)

Professional Service:

Membership in Professional Organizations:

1. Institute of Electrical and Electronic Engineers, senior member (2005)
2. SPIE – The International Society for Optical Engineering, member (2000)
5. Optical Society of America, member (1989)
6. Tau Beta Pi Engineering Honor Society, elected member (1985)
7. Eta Kappa Nu Electrical Engineering Honor Society, elected member (1985)
8. Delta Phi Alpha German Honor Society, elected member (1984)

Technical Manuscript/Textbook Reviewer:

1. *AVS Journal of Vacuum Science and Technology*
2. *IEEE Journal of Selected Topics in Quantum Electronics*
3. *IEEE Transactions on Education*
4. McGraw-Hill Publisher
5. OSA Applied Optics
6. OSA *Journal of the Optical Society of America A*
7. OSA Optics Express
8. OSA Optics Letters
9. Oxford University Press
10. Pearson Prentice-Hall Publisher
11. SPIE Optical Engineering

Committee Membership (Partial Listing):

1. UNTHSC Patient Safety Institute, Strategic Planning Committee, Founding Fellow (2016-2019)
2. ASEE Gulf Southwest Annual Conference, Organizing Committee Member (2015-2016)
3. IEEE MetroCon Conference – Biotechnology Track, Co-founder and Track Chair (2004-2012)
5. UNTHSC Center for Commercialization of Fluorescence Tech., Advisory Board Member (2006-2008)
7. 5th Biennial DoD Photonics Conference, Session 6: Modeling, McLean, VA, Session Chair (1996)

Community Activities Related to Professional Skills (Partial Listing):

1. St. Andrew Catholic School, Optics Demonstration, Ft. Worth, TX (2016)
2. Robotics Club advisor for St. Andrew Catholic School in Ft. Worth, TX (2015)
3. Science laboratory experiments for Holy Family Catholic School in Ft. Worth, TX (2014)
5. St. Rita Catholic School, Optics Demonstration, Ft. Worth, TX (2012)
7. Holy Family Catholic School, Technology Club, Ft. Worth, TX (2011)
8. TCU Engineering Camp, Optics Demonstration, Ft. Worth, TX (2011)
18. Computer Technician through Young Adult Ministries, All Saints Elementary School, Ft. Worth, TX. (2000)
PROFESSIONALLY RELATED HONORS AND AWARDS:

1. Coleman Faculty Fellow in Entrepreneurship, *TCU Neeley Entrepreneurship Center*, Ft. Worth, TX (2010-2013)
3. Outstanding Service Award, *IEEE Fort Worth Section* (2007)
4. Appreciation Award, MetroCon Track Chair, *IEEE Fort Worth Section* (2006, 2007)
5. Dean’s Appreciation Award, TCU CS&E, 2005 Student Research Symposium Chair (2005)
7. Research and Development Achievement Award, U. S. Army (1997)
8. Commander’s Award for Civilian Service, United States Military Academy (1997)

PERSONAL DATA:

- Date of Birth: 24 January 1964
- Marital Status: married with 2 daughters
- Citizenship: U.S.
- Ethnic Origin: Pacific islander
- Hobbies: tennis, reading
Curriculum Vitae

Giuliano Testa, MD, FACS, MBA
Surgical Chief of Abdominal Transplant for the Simmons Transplant Institute
Surgical Director, Living Donor Liver Transplantation
March 2016

Personal:
- Date of Birth: November 1962
- Place of Birth: Italy
- Citizenship: Italian
- Marital Status: Married

Work Address:
Annette C. and Harold C. Simmons Transplant Institute
Baylor University Medical Center
3410 Worth St. Suite 950
Dallas, TX 75246
214-820-2050 Office
214-886-6254 Cell
Email: Giuliano.Testa@BSWHealth.org

University Studies:
6/2009-3/2011 Executive MBA Program – The Univ. of Chicago Booth School of Business
7/2007 – 6/2008 Fellowship in Medical Ethics- MacLean Center, University of Chicago, USA
2005 Honorary Degree in Medicine
Laurea Honoris Causa in Medicine
University of Timisoara, Romania
7/1996 – 6/1998 Fellowship in Transplantation, Baylor University Medical Center, Dallas
1/1992 – 6/1996 Residency in General Surgery, University of Chicago, USA
1990-1991 Research Physician, University of Chicago, Chicago, USA
10/1988 – 10/1993 Residency in General Surgery (Cum Laude), University of Padova, Italy
11/1981 – 3/1988 Medical Degree (Cum Laude 1988), University of Padova, Italy

Professional Experience:
August 2015 to present Surgical Chief of Abdominal Transplant for the Simmons Transplant Institute
August 2014 to present Core Faculty, Baylor University Medical Center
August 2012 to present Texas A & M Health Science Center, College of Medicine
Professor of Surgery
July 2011 to present  Annette C. and Harold C. Simmons Transplant Institute
Baylor University Medical Center
Surgical Director, Living Donor Liver Transplantation

2010-June 2011  University of Chicago Medical Center
Professor of Surgery
Director Living Donor Program
Associate Director Surgical Ethics Program
University of Chicago McLean Center

2007-June 2011  Medical Ethics Faculty
University of Chicago McLean Center

Dec 2005- 2011  University of Chicago Medical Center
Associate Professor of Surgery
Director Liver Transplant and Hepato-Biliary Surgery

Nov 2001 – Nov 2005  University of Illinois at Chicago, Chicago, USA
Associate Professor of Surgery
Director, Living Donor Liver Transplant Program
Director, Liver Transplant Program

July 1998 – Oct 2001  Universitätsklinikum Essen, Essen, Germany
Attending in General and Transplant Surgery

Other Professional Experience:
1988  Observer Physician, Massachusetts General Hospital, Boston, USA
1988  Observer Physician, Memorial Sloan Kettering Cancer Center, New York
1988 – 1991  Croce Verde, Emergency Service  Padova, Italy
1997 – 1998  Southwest Transplant Alliance, Instructor  Dallas, USA

Licensure:
Texas: N7755
DEA  #BT7600150
Italy
Germany

Board Certification:
1993  Italian Board for General Surgery
June 1997  American Board of Surgery
November 2007  Re-Certification

Honors/Awards
2004  Class Act Winner
University of Illinois at Chicago
2005  Commendatore della Repubblica Italiana
2007  Robert Baker Golden Apple Award
  For Excellence in Teaching
  The University of Chicago Medical Center
2005 – 2006  Elected by his peers for inclusion in Best Doctors in America®
2007 – 2008  Elected by his peers for inclusion in Best Doctors in America®
2009 – 2010  Elected by his peers for inclusion in Best Doctors in America®
Dec 2013  Named by his peers to the Super Doctors® list published in a special advertising
  section in Texas Monthly

Memberships in Professional Societies:

1988  Italian Alumni Association – Massachusetts General Hospital
1998-2001  Rumanian Gastroenterology Society
2001-present  International Liver Transplantation Society
2002-2011  Chicago Surgical Society
2002-2011  Illinois Surgical Society
2002-present  American Society of Transplantation
2002-2006  The Transplantation Society
2002-2011  American Liver Foundation – Illinois Chapter
2004-present  American Society of Transplant Surgeons
2004-2011  Metro Chicago Chapter of the American College of Surgeons
2004-Present  The American Hepato-Pancreato-Biliary Association
2005-2011  The Chicago Medical Society
2006-Present  American College of Surgeons - Fellow
2007-2011  Board of Directors, Illinois Chapter American Liver Foundation
2008-Present  Society Surgery of the Alimentary Tract
2008-Present  Association for Academic Surgery
2008-Present  International Society of Surgery
2012-Present  Texas Transplantation Society
2013-Present  Americas Hepato-Pancreato-Biliary Association (AHPBA)
2015-Present  The Transplantation Society
2017-Present  International Hepato-Pancreato-Biliary Association (IHPBA)

Invited Board / Panel / Committee Member:

2002-2011  Medical Advisory Committee, American Liver Foundation,
  Illinois Chapter
June 21-23, 2002  Member of the organizing committee for 1st International Conference
  Abdominal Organ Transplantation from Living Donors: State of the Art
June 25-27, 2004  Co-Chairman of the Organizing Committee, 2nd International
  Conference “Living Donor Abdominal Organ Transplantation: State of the Art,”
  Taormina, Italy
June 25-27, 2004  Session Chairman, Living Donor Liver Transplantation, 2nd
  International Conference “Living Donor Abdominal Organ
  Transplantation: State of the Art,” Taormina, Italy
April 14-17, 2005  Panel Moderator, 2005 Congress of the American Hepato-
  Pancreato-Biliary Association, Ft. Lauderdale, Florida
June 23-24, 2006  Co-Chairman of the Organizing Committee, 3rd International
Conference “Living Donor Abdominal Organ Transplantation: State of the Art,” Sardinia, Italy

2006-2008 President Medical Advisory Board, American Liver Foundation, Illinois Chapter

2008-2011 ASTS Scientific Studies Committee

2009-2011 Critical Care Task Force American Society Transplant Surgeons

Oct 2012 Program Committee for Texas Transplantation Society 2013

Oct 5-6, 2012 Co-Chairman of the Organizing Committee, 6th International Conference “Living Donor Abdominal Organ Transplantation: State of the Art” – Puglia, Italy

Nov 2, 2012 Program Chair – Donor Advocate Symposium & Ethics Roundtable – Dallas, TX

2012 to May 2014 Surgical Robotic Steering Committee
Baylor University Medical Center, Dallas, TX

2012 to 2015 ASTS Reimbursement and Regulatory Committee

June 2013 to present Quality Assurance Committee
Baylor University Medical Center, Dallas, TX

Oct 25, 2013 Program Chair – 2nd Annual Donor Advocate Symposium, Dallas, TX

July 1, 2014 to June 30, 2016 OPTN/UNOS Living Donor Committee – Region 4 Representative

July 1, 2014 to June 30, 2016 AHPBA Education Committee

July 2014 to June 2016 UNOS Data Subcommittee

Sept 26-27, 2014 Co-Chairman of the Organizing Committee, 7th International Conference “Living Donor Abdominal Organ Transplantation: State of the Art” – Padova, Italy

Oct 2014 Program Chair – 3rd Annual Donor Advocate Symposium, Dallas, TX

Sept 2015 ILTS Scholarship Committee

Oct 2015 Program Chair – 4th Annual Donor Advocate Symposium, Dallas, TX

International Hepato-Biliary-Pancreatic Surgery and Transplantation Symposium – Montpellier, France
Organizational Committee

June 2016 to June 2019 ASTS Living Donation Committee
Sept 9-10, 2016  
Co-Chairman of the Organizing Committee, 8th International Conference “Living Donor Abdominal Organ Transplantation: State of the Art” – Trieste, Italy

Nov 2016  
Program Chair – 5th Annual Donor Advocate Symposium, Dallas, TX

January 2017  
Medical Board Member – Baylor University Medical Center
Editorial Board Appointments
Dec 2016 to present  *Annals of Hepato-Biliary-Pancreatic Surgery*

Aug 2015 to present  *Korean Journal of Hepato-Biliary-Pancreatic Surgery*

Aug 2012 to present  *Hepatobiliary Surgery and Nutrition*

Oct 2011  *HPB Surgery*
Invited to Guest Edit Special Issue on living donor liver transplantation

Reviewer Ad Hoc

*American Journal of Transplantation*
*Transplantation*
*Transplant International*
<table>
<thead>
<tr>
<th>Year-IRB#</th>
<th>Funding Source</th>
<th>Total Cost</th>
<th>Role</th>
<th>Study Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>008-095</td>
<td>Foundation</td>
<td>0</td>
<td>Sub-I</td>
<td>Pancreatic Islet Transplantation - A Novel Approach to Improve Islet Quality and Engraftment</td>
</tr>
<tr>
<td>008-189</td>
<td>Foundation</td>
<td>0</td>
<td>Sub-I</td>
<td>Pancreatic Islet Cell Transplantation After Kidney Transplantation – A Novel Approach to Immunosuppression</td>
</tr>
<tr>
<td>009-261</td>
<td>Baylor</td>
<td>0</td>
<td>Sub-I</td>
<td>Protocol to conduct a broad range of retrospective data reviews on liver transplant, kidney transplant and hepatology</td>
</tr>
<tr>
<td>012-157</td>
<td>NIAID</td>
<td>0</td>
<td>Sub-I</td>
<td>Discovery and Validation of Proteogenomic Biomarker Panels in a Prospective Serial Blood &amp; Urine Monitoring Study of Liver Transplant Recipients</td>
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<tr>
<td>013-063</td>
<td>Baylor</td>
<td>0</td>
<td>Sub-I</td>
<td>Multiorgan Procurement as a Learning Tool in General Surgical Resident Education</td>
</tr>
<tr>
<td>013-140</td>
<td>Baylor</td>
<td>200,000</td>
<td>PI</td>
<td>Metabolomics of Liver Regeneration Following Partial Hepatectomy in Healthy Living Liver Donors</td>
</tr>
<tr>
<td>013-259</td>
<td>NIH</td>
<td>67,141</td>
<td>Sub-I</td>
<td>Models for Optimal Liver Transplant Outcomes (MOLTO) Study: Predictors of Renal Insufficiency Following Orthotopic Liver Transplantation</td>
</tr>
<tr>
<td>014-121</td>
<td>Baylor</td>
<td>0</td>
<td>Sub-I</td>
<td>Circulating microRNA isoforms as biomarkers in hepatocellular carcinoma and associated liver transplantation</td>
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<td>014-275</td>
<td>Baylor</td>
<td>0</td>
<td>Sub-I</td>
<td>Transplant Skin Cancer Network Incidence Study</td>
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<tr>
<td>015-092</td>
<td>Baylor</td>
<td>0</td>
<td>Sub-I</td>
<td>Multi-Institutional Validation of A Novel Prognostic Nomogram Predicting Hepatocellular Carcinoma Recurrence after Liver Transplantation</td>
</tr>
<tr>
<td>015-127</td>
<td>Baylor</td>
<td>0</td>
<td>Sub-I</td>
<td>International Multicenter Study To Evaluate The Outcome After Liver Transplantation Of Cirrhotic Patients Diagnosed With An Intrahepatic Cholangiocarcinoma (iCCA) At Pathology Examination. Should The Indication For Liver Transplantation Be Re-Assessed In These Patients?</td>
</tr>
<tr>
<td>015-158</td>
<td>Foundation</td>
<td>250,000</td>
<td>PI</td>
<td>Uterine Transplantation and Pregnancy Induction in Women affected by Absolute Uterine Factor Infertility</td>
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<tr>
<td>015-258</td>
<td>NIAID</td>
<td>0</td>
<td>Sub-I</td>
<td>Evaluation of Donor Specific Immune Senescence and Exhaustion as Biomarkers of Operational Tolerance Following Liver Transplantation in Adults</td>
</tr>
</tbody>
</table>
## Industry Grants

*Baylor University Medical Center (2011-present)*

<table>
<thead>
<tr>
<th>Year-IRB#</th>
<th>Funding Source</th>
<th>Total Cost</th>
<th>Role</th>
<th>Study Title</th>
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<tbody>
<tr>
<td>010-214 Closed 05/2013</td>
<td>American College of Radiology Imaging Network</td>
<td>0</td>
<td>Sub-I</td>
<td>Prospective, Multicenter Comparison of Multiphase Contrast-Enhanced CT and Multiphase Contrast-Enhanced MRI for Diagnosis of Hepatocellular Carcinoma for Liver Transplantation</td>
</tr>
<tr>
<td>012-210 Closed 09/2014</td>
<td>Genentech</td>
<td>50,000</td>
<td>Sub-I</td>
<td>A Phase II Randomized, Double-Blind, Placebo-Controlled Trial of MCMV5322A/MCMV3068A for the Prevention of Cytomegalovirus Disease in High-Risk Kidney Allograft Recipients</td>
</tr>
<tr>
<td>012-235 Closed 10/2013</td>
<td>Veloxis</td>
<td>45,000</td>
<td>Sub-I</td>
<td>A Phase 2, Double-Blind, Double-Dummy, Multi-Center, Prospective, Randomized Study of the Pharmacokinetics of LCP Tacro™ Tablets, Once Daily, Compared to Prograf® Capsules, Twice Daily, for the Prevention of Acute Allograft Rejection in De Novo Adult Kidney Transplant Recipients</td>
</tr>
<tr>
<td>012-270</td>
<td>Astellas</td>
<td>400,000</td>
<td>Sub-I</td>
<td>A Three-Part, Multi-Centre, Randomised, Double-Blind, Placebo-Controlled, Parallel-Group, Sequential Adaptive, Phase II Study to Evaluate the Safety, Tolerability and Efficacy of OPN-305, a Humanised Monoclonal Antibody that Blocks Toll-Like Receptor 2, in Renal Transplant Patients at High Risk of Delayed Graft Function</td>
</tr>
<tr>
<td>013-041 Closed 07/2015</td>
<td>SuperSonic</td>
<td>200,000</td>
<td>Sub-I</td>
<td>Quantitative Evaluation of Liver Disease with Liver Elastography Measurements using the Supersonic Imagine Aixplorer ShearWave™ Elastography Ultrasound Machine in Patients Undergoing Liver Transplant Surgery</td>
</tr>
<tr>
<td>013-059</td>
<td>Opsona</td>
<td>150,000</td>
<td>Sub-I</td>
<td>A Multi-Center, Randomized, Prospective, Open-Label Phase III Study to Evaluate the Efficacy, Safety and Pharmacokinetics of Hepatitis C Immunoglobulin Intravenous (Human), Civacir™, in Orthotopic Liver Transplant Recipients</td>
</tr>
<tr>
<td>013-132</td>
<td>BioTest</td>
<td>128,000</td>
<td>Sub-I</td>
<td>A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Trial to Evaluate the Efficacy and Safety of a Vaccine, ASP0113, in Cytomegalovirus (CMV)-seronegative Kidney Transplant Recipients Receiving an Organ from a CMV-seropositive Donor</td>
</tr>
<tr>
<td>013-241 Closed 07/2015</td>
<td>Astellas</td>
<td>25,000</td>
<td>Sub-I</td>
<td>A 36 month multi-center, open label, randomized, comparator study to evaluate the efficacy and safety of everolimus immunosuppression treatment in liver transplantation for hepatocellular carcinoma exceeding Milan criteria.</td>
</tr>
<tr>
<td>013-307</td>
<td>Novartis</td>
<td>150,000</td>
<td>Sub-I</td>
<td>A 24 month, multicenter, randomized, open-label safety and efficacy study of concentration-controlled everolimus with reduced calcineurin inhibitor vs mycophenolate with standard calcineurin inhibitor in de novo renal transplation - Advancing renal TRANSPlant efficacY and safety Outcomes with an eveRolimus-based regiMen (TRANSFORM)</td>
</tr>
<tr>
<td>014-094</td>
<td>Novartis</td>
<td>50,000</td>
<td>Sub-I</td>
<td></td>
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<tr>
<td>Code</td>
<td>Company</td>
<td>Cost</td>
<td>Study Description</td>
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<tr>
<td>014-117</td>
<td>AbbVie</td>
<td>70,000</td>
<td>Open-label, Phase 2 Study to Evaluate the Safety and Efficacy of the Combination of ABT-450/ritonavir/ABT-267 (ABT-450/r/ABT-267) and ABT-333 With or Without Ribavirin (RBV) in Adult Liver Transplant Recipients with Genotype 1 Hepatitis C Virus (HCV) Infection</td>
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<tr>
<td>015-065</td>
<td>Oxford Immunotec</td>
<td>50,000</td>
<td>A Prospective Observational Trial to evaluate the Correlation of T-SPOT® Response to CMV Infection and T Cell-mediated Acute Graft Rejection. The PROTECT Study. A Non-interventional Observational Study to Evaluate T-cell Responses in Kidney Transplant Recipients to: (a) CMV-specific antigens (T-SPOT.CMV), and (b) a reference panel of donor cells as a marker for acute rejection (T-SPOT.PRT)</td>
<td></td>
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<tr>
<td>015-088</td>
<td>Gilead</td>
<td>200,000</td>
<td>A Phase 2, Multicenter, Open-Label Study to Investigate the Safety and Efficacy of Ledipasvir/Sofosbuvir Fixed Dose Combination Administered in Patients Infected with Chronic HCV for Use in the Peri-Operative Liver Transplantation Setting</td>
<td></td>
</tr>
<tr>
<td>015-111</td>
<td>Novartis</td>
<td>75,000</td>
<td>A 24 month, randomized, controlled, study to evaluate the efficacy and safety of concentration-controlled everolimus plus reduced tacrolimus compared to standard tacrolimus in recipients of living donor liver transplants</td>
<td></td>
</tr>
<tr>
<td>015-162</td>
<td>Sequana</td>
<td>100,000</td>
<td>A (M)ulti-center, prospective, (O)pen label, uncontrolled feasibility (S)tudy to assess the safety and effectiveness of an automatic low flow (A)scites (alfa) pump (I)n patients with (C)irrhosis and refractory or recurrent ascites.</td>
<td></td>
</tr>
</tbody>
</table>

**Previous Research & Grant Support:**

*University of Essen (1988-2001)*

- Factor - VII in Liver Transplantation, PI, University of Essen
- Factor - VII in Liver Resection, PI, University of Essen
- Hepatoassist Device (Circe), Co-I, University of Essen
- Taco-Comb in Liver Resection, Co-I, University of Essen

*University of Illinois at Chicago (2001-2005)*

- Non-invasive Measurements of Hepatic Venous Pressure Gradient Using Magnetic Resonance Imaging, Co-I, University of Illinois

- Study of the Effects of Ischemic Preconditioning on Recovery of Hepatic Function in the Transplanted Graft and the Rest Liver in Adult Living Donor Transplantation (ALDLTx) (IRB 2002-0287)
  - Principal Investigator: Giuliano Testa, MD
  - Total Cost: $90,000
  - Funded by Department of General Surgery, University of Illinois at Chicago

- Adult Living Donor Liver Transplantation Survey (IRB 2002-0506)
  - Principal Investigator: Giuliano Testa, MD
  - University of Illinois

  - Principal Investigator: Giuliano Testa, MD
  - Sponsor: Novartis Pharmaceuticals
  - Total Cost: $39,465
Evaluation of the Role of Dendritic Cells Rejection after Cadaveric and Living Donor Organ Transplantation (IRB 2003-0266) University of Illinois
Principal Investigators: Giuliano Testa, MD and Damiano Rondelli, MD

Retrospective Chart Review of Psycho-Social and Socio-Economic Issues Facing Transplant Recipients (IRB 2003-0347) University of Illinois
Principal Investigator: Giuliano Testa, MD

Induction of Kidney Transplant with Donor CD 34+ Cells in Non-Human Primates (ACC 03-207) University of Illinois
Principal Investigators: Giuliano Testa, MD and Damiano Rondelli, MD
Sponsor: UIC College of Medicine, Campus Research Board
Total Cost: $100,000

A One-Year, Multicenter, Partially Blinded, Double-Dummy, Randomized Study to Evaluate the Efficacy and Safety of FTY720 Combined with Reduced-Dose Or Full-Dose Neoral® and Corticosteroids Versus Mycophenolate Mofetil (MMF, Cellcept®) Combined with Full-Dose Neoral® and Corticosteroids, in De Novo Adult Renal Transplant Recipients (IRB 2003-0272)
Principal Investigator: Giuliano Testa, MD University of Illinois
Sponsor: Novartis Pharmaceuticals
Direct Costs: $200,731

University of Chicago (2005-2011)
Matching Mechanism of Kidney Paired Donation (2008)
Principal Investigators: Giuliano Testa, MD and Ann DeBord-Smith
Sponsor: Alpha Omega Alpha-Carolyn L. Kuckein Student Research Fellowship
Total Award: $5,000

Surgical Patients as Living Organ Donors: A Clinical and Surgical Innovation (2009)
Principal Investigators: Giuliano Testa, MD and Mark Siegler, MD
Sponsor: The Greenwall Foundation
Total Cost: $50,000

Invited Panel Chair:
Chair: Paper Presentation, International Conference of Living Donor-Essen, Germany, Sept. 2002
Chair: Paper Presentation, International Conference of Living Donor-Essen, Germany, Nov. 2003
Chair: Paper Presentation, International Conference of Living Donor-Essen, Germany, June 2004
Chair: Paper Presentation, International Conference of Living Donor-Essen, Germany, Nov. 2005
Invited Guest Speaker

International Meeting on Blood Coagulation and Fibrinolysis – May 1999 – Copenhagen, Denmark

German Hematology Society – April 2000 – Freiburg, Germany

University of Illinois – “Living Related Liver Transplantation: The Essen Experience” – October 2001 – Chicago, IL

University of Illinois Grand Rounds - “Living Donor Liver Transplantation” - December 2001


S. Michele Hospital Grand Rounds – “Adult-to-Adult Living Donor Liver Transplantation” – May 2002 – Cagliari, Italy

“Open Nephrectomy for Living Donor Kidney Transplantation” – June 2002 – Essen, Germany


Mount Sinai Hospital – “Living Donor Liver Transplantation” – September 2004 – Chicago, Illinois

University of Illinois – “Continuum of Care for Hepatocellular Carcinoma” – December 2004 – Merrillville, Indiana


University of Modena, Italy Transplant Grand Rounds- Small Bowel Transplant from Living Donor” October, 2005

American Foundation for Donation and Transplantation – Living Liver Donation - March 2006, Atlanta

Pediatric GI Journal Club – Pediatric Living Donor Small Bowel Transplantation – April 2006, University of Chicago, Chicago Illinois


Yale University – “Pediatric Living Donor Small Bowel Transplantation” July 2007 – New Haven, Connecticut

University of Cincinnati – Transplant Grand Rounds - “Pediatric Living Donor Small Bowel Transplantation” – March 2008 – Cincinnati, Ohio

Massachusetts General Hospital - “Living Donor Abdominal Organ Transplantation” – May 2008 – Boston, Massachusetts

International Liver Transplantation Society (ILTS) – “Pre-transplant Renal Dysfunction” – October 19, 2008 Orlando, Florida

Methodist General Hospital – “Adult-to-Adult Living Donor Liver Transplantation” – December 2008 – Dallas, Texas


University of Chicago-Pediatric Grand Rounds –“Pediatric Living Donor Small Bowel Transplantation” – January 2009

University of Chicago-General Surgery Grand Rounds – “Small Bowel Living Donor Liver Transplantation” - April 2009

University of Chicago - Conductor Series-Dept. of Surgery - “Small Bowel Living Donor Liver Transplantation” - June 2009


University of Chicago MacLean Center for Clinical Medical Ethics – “Elective Surgical Patients as Living Donors” - 22nd Dorothy J. MacLean Fellows Conference, October 2009

State of the Art: Multidisciplinary Approach to Cholangiocarcinoma” University of Chicago – Nov. 13, 2009
Ochsner Clinic - General Surgery Grand Rounds – “10 Years of Living Donor Liver Transplantation for Adults” – Dec. 10, 2009


The University of Arizona – General Surgery Grand Rounds – “10 Years of Living Donor Liver Transplantation for Adults” – Jan. 20, 2010

Washington University Saint Louis - General Surgery Grand Rounds – “Elective Surgical Patients as Living Donors” March, 2010

5th Living Donor Abdominal Organ Transplantation: State of the Art – Status of Living Donor Liver Transplant in USA- Florence, Italy, June 2010


Scott & White, GI Rounds - “Complications of Transplant” - Temple, TX, August, 2011

Baylor University Medical Center – Surgical Grand Rounds – “Living Donor Liver Transplantation” Dallas, TX, August, 2011

The University of Texas Health Science Center at Tyler – Grand Rounds – “Overview of Hepatobiliary Surgery” – Tyler, TX, September, 2011

29th Annual Meeting of Egyptian Society of Surgeons - “10 years of Adult to Adult Living Donor Liver Transplantation: lessons learnt” - Porto Marina, Egypt, October 2011

“Ethics of living donor liver transplantation” Austin, TX, February 2012


Texas Transplantation Society – 25th Anniversary Annual Scientific Meeting – “Ethics of Living Donor Liver Transplantation” – Galveston, TX, July 2012

Scott & White Healthcare – "Ethics of living donor liver transplantation" Temple, TX, September 10, 2012

8th Annual Hepatology Roundup – “Living Donor Liver Transplant” Dallas, TX, September 14, 2012

XXXI Brazilian Congress of Pediatric Surgery – “Living Donor Hepatic, Intestinal and Combined Transplant” Belem, Brazil, October 22, 2012

XXXI Brazilian Congress of Pediatric Surgery – “Role of the Pediatric Surgeon at Intestinal Failure in Kids” Belem, Brazil, October 22, 2012

XXXI Brazilian Congress of Pediatric Surgery – “Actual Aspects of Surgery in Portal Hypertension” Belem, Brazil, October 23, 2012
Donor Advocate Symposium & Ethics Roundtable – “Informed Consent: What the Donor Really Hears” Dallas, TX, November 2, 2012

GI Cancer Conference – “Transplantation for Liver Tumors” Dallas, TX, February 9, 2013.

Surgical Grand Rounds at Baylor University Medical Center – “Management of Liver Tumors” Dallas, TX, April 17, 2013

2013 HBSN First Special Editorial Board Meeting Program – “Key Points Regarding Living Donor Liver Transplantation” Hangzhou, China, April 27, 2013


2nd Annual Donor Advocate Symposium – “Living Donor Transplantation: Current Trends & Challenges” Dallas, TX, October 25, 2013


Baylor Foundation Board Meeting – "Baylor's Living Donor Liver Transplant Program" Baylor University Medical Center, December 10, 2013

Practical Updates for Primary Care Physicians – "Living Donor Transplant: An Ethical Discussion" Corsicana, TX, April 12, 2014

Texas Transplantation Society 2014 Annual Scientific Meeting – "Pro/Con Debate: Paying Living Donors for Their Organs: the Good, the Bad and the Ugly" San Antonio, TX, July 12, 2014

Celebration of the 500th Living Donor Liver Transplant Performed at the University of Fukuoka – "LDLT – The 'Small' Contribution from the Western World" Fukuoka, Japan, July 26, 2014


Dallas, TX, October 10, 2014


Alton Pearson Lecture Series – "Ethics of Living Donor Transplantation" BSWH Hillcrest Medical Center, Waco, TX, November 6, 2014

26th Annual MacLean Conference on Clinical Medical Ethics – "Changing the Ethics of Transplantation: Is It Time to Reconsider?" Chicago, IL, November 15, 2014


11th Annual Conference for PSC Patients and Caregivers – "Living Donor Liver Transplant in PSC Patients" Dallas, TX, Apr 25, 2015

BUMC CME - Current Trends in Complex Specialty Care – "Ethics – Living Donor Program” Lubbock, TX, May 2, 2015

VISN 17 Annual Ethics Symposium – Advances in Clinical Ethics – "Ethics of Organ Transplant" Dallas VA Medical Center, May 14, 2015


Hepatobiliary, Pancreatic Surgery and Manuscript Writing Symposium – "Living Donor Liver Transplantation in the U.S." Beijing, China, Sept 23, 2015

Hepatobiliary, Pancreatic Surgery and Manuscript Writing Symposium – "Value of an MBA Degree in Academic Surgery" Beijing, China, Sept 23, 2015

Baylor Foundation Board Meeting – "Uterine Transplantation" Baylor University Medical Center, September 16, 2015


BUMC CME – Current Trends in Complex Specialty Care "Ethics – Living Liver Transplantation" Rockwall, TX, October 3, 2015

4th Annual Donor Advocate Symposium – "Overview of Donor Incentives and Disincentives" Dallas, TX, October 23, 2015
Ethics CME – "Ethics of Living Donor Transplantation" Paris, TX, November 3, 2015

"Living Donor Liver Transplantation in the U.S." Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan, November 12, 2015

Ethics CME - “Ethics of Living Donor Transplantation” Baylor All Saints Medical Center, Fort Worth, TX March 1, 2016

Surgical Grand Rounds at the University of Illinois at Chicago – “Transplant Surgical Techniques Applied to Hepato-biliary Surgery” Chicago, IL, May 18, 2016


Ethics CME – "Ethics of Living Donor Transplantation" Longview, TX, November 1, 2016

Universitatea de Medicină și Farmacie “Victor Babeș” din Timișoara “Laparoscopic Ablation of Liver Metastases by Radiofrequency” Timișoara, Romania, November 21, 2016

Southwestern Gynecologic Assembly (SGA) Meeting – New Frontiers in Obstetrics and Gynecology “Uterine Transplantation” Dallas, TX, December 2, 2016


CME Program – Liver Disease Conference – "Ethics of Living Donor Transplantation" Ft. Worth, TX, March 4, 2017


Peer Reviewed Publications


22


Presentations (abstracts):


3. Arenas R and Testa G. Cancer and ulcerative colitis: a clinicopathological review. 47th Annual Meeting of the Society of Surgical Oncology, Houston, TX (March 1994)


5. Gerhardt TC, Goldstein RM, Levy MF, Husberg BS, Abbasoglu O, Testa G, Jeyarajah R, Gonwa TA, Klintmalm GB. Alcohol use among patients transplanted for alcoholic cirrhosis. Liver Transplantation for Alcoholic Liver Disease, Bethesda, Maryland, December 1996. (poster presentation)


21. Stroman D, Testa G, Goldstein RM. “Malignant biliary strictures and cholangiocarcinoma following routine laparoscopic cholecystectomy.” North Texas Chapter of the American College of Surgeons, Dallas, TX, February 1998. (oral presentation)


33. Speidel, N., Fiedler, M., Lange, R., Testa, G., Malagó, M., Broelsch, CE. Effective combination therapy with lamivudine and ganciclovir in recurrent HBV infection after liver transplantation American Society of Transplant Physicians 18th Annual Meeting, Chicago, IL, May 1999. (poster presentation)

34. Liedke, M., Frilling, A., Testa, G., Malagó, M., Broelsch, CE. Chirurgische Therapie von Lebertumoren Gesundheitsmesse Essen, September 1999. (poster presentation)


41. Malagó M., **Testa G.**, Lang H., Hertl M., Broelsch CE., Preliminary experience with right living donor liver transplantation from extended indications: new chance for neglected patients or waste of organs? AST, Chicago, May 2001 (poster presentation)

42. Malagó M., **Testa G.**, Valentin Gamazo C, Hertl M., Broelsch CE. Living donor liver transplantation: 68 Cases at the University of Essen. AST, Chicago, May 2001 (poster presentation)


52. Nadalin S, Testa G, Treptow B, Malagó M, Broelsch CE. Abdominal organ transplantation from living donors; HTK-vs. UW- Solution in the perfusion of right living donor liver grafts; Gubbio, Italy, June, 2002

53. Jochum C, Beste M, Nadalin S, Testa G, Malagó M, Broelsch CE, Gerken G. Abdominal organ transplantation from living donors; IL-6, G-CSF, HGF and stem cells after living related liver transplantation; Gubbio, Italy, June, 2002


125. **Testa, G.** “Living Donor Selection: Knowing When to Say No” ASTS 13th Annual State of the Art Winter Symposium, Miami Beach, FL, January 2013 (oral presentation)


<table>
<thead>
<tr>
<th>No.</th>
<th>Authors</th>
<th>Title</th>
<th>Conference</th>
<th>Year</th>
<th>Type</th>
</tr>
</thead>
</table>
Senthil K Thambidorai, M.D, F.H.R.S

Email: senthil.thambidorai@gmail.com
Cell: 832-948 9516, Office: 8174778105

CURRENT POSITION

- Program Director- Cardiovascular Fellowship Program UNTHSC/Medical City Fort Worth
- Regional Director of Electrophysiology- HCA North Texas

EDUCATION

- **Cleveland Clinic, Ohio**
  Cardiac Electrophysiology Fellowship, July 2011 –June 2012
- **Creighton University, Nebraska**
  Cardiology Fellowship, July 2007 - June 2010
- **Creighton University, Nebraska**
  Internal Medicine Residency, July 2003 - June 2006
- **Cleveland Clinic, Ohio**
  Echocardiography Research, March 2002- June 2003
- **Government Kilpauk Medical College, India**
  MBBS, Medicine, August 1994 – March 2001
- **Auckland University of Technology, New Zealand**
  Basic Research, March 2001- December 2001

ACADEMIC FACULTY EXPERIENCE

- **University of North Texas, Fort Worth, TX- Adjunct Assistant Professor of Medicine- UNTHSC**
  Internal Medicine – July 2015- Current
- **University of Texas Houston, Texas- Assistant Professor,**
  Cardiac Electrophysiology- July 2013-July 2014
- **Cleveland Clinic, Ohio- Clinical Faculty**
  Cardiac Electrophysiology, July 2012- June 2013
- **Case Western Reserve University- Academic Faculty- Clinical Instructor**
  Internal Medicine, July 2010-June 2011
- **Creighton University, Nebraska- Academic Clinical Instructor of Medicine**
  Cardiovascular Medicine, July 2009 - June 2010
- **Veterans Health Administration, Nebraska- Academic Faculty**
  Internal Medicine, July 2006 - June 2007
Senthil K Thambidorai, M.D, F.H.R.S

ADMINISTRATIVE EXPERIENCE

- University of North Texas, Fort Worth, TX- Program Director of Cardiology
  Cardiovascular Medicine – Feb 2017- Current
- University of North Texas, Fort Worth, TX- Academic Core Faculty
  Internal Medicine – July 2015- Current
- Cleveland Clinic, Ohio- Chief of Electrophysiology Fellows
  Cardiac Electrophysiology, July 2012- June 2013
- Creighton University, Nebraska- Chief of Cardiovascular Fellows
  Cardiovascular Medicine, July 2009 - June 2010
- Veterans Health Administration, Nebraska- Chief of Internal Medicine Residents
  Internal Medicine, July 2006 - June 2007

AWARDS AND HONORS

- Moderator for Mortality and Morbidity (M&M) conference, Cleveland Clinic 2012-2013
- Selected for Chief Electrophysiology Fellowship – Cleveland Clinic 2012
- Alpha Omega Alpha (AOA) Honor Society Member since 2009
- Veterans Affairs (VAMC) Research Grant Recipient 2007
- Travel grant- Heart Rhythm Society 2009 , AHA 2008
- Selected for Marquis Who’s Who in America September 2010
- First Class in Medical School 2001

CERTIFICATION / LICENSURE

- ABIM Clinical Cardiac Electrophysiology Certification 2013-2023
- ABIM Cardiovascular Disease Board Certification 2010-2020
- SCCT Cardiac CT Board Certification 2011-2021
- ASNC Nuclear Cardiology Certification 2011-2021
- Permanent State Medical Licenses in Ohio, Texas
Senthil K Thambidorai, M.D, F.H.R.S

PUBLICATIONS

FIRST AUTHOR

- Impact of statin use on heart failure mortality.
  Thambidorai SK, Deshmukh AR, Walters RW, Turner PD, Monaghan MS, Mooss AN, Hunter CB, Esterbrooks DJ, Mohiuddin SM.

- Acute eosinophilic myocarditis mimicking myocardial infarction.
  Thambidorai SK, Korlakunta HL, Arouni AJ, Hunter WJ, Holmberg MJ.

- Hydroxymethylglutaryl Coenzyme-A inhibitors (Statins) and Atrial Fibrillation: Systematic Review and Meta-analysis.
  Thambidorai SK, Anand K, Hee T, Mooss AN, Esterbrooks D, Mohiuddin SM.
  *Internet Journal of Cardiology* 2008

- Association of Atheroma as assessed by Intra-operative Transesophageal Echocardiography with Long-Term Mortality in Patients Undergoing Cardiac Surgery. Thambidorai SK, Shah TK, Klein AL, Stewart WJ, Lauer MS.

- Incremental Value of Transesophageal Echocardiography in Prediction of Thrombus/Embolism in Patients with Atrial Fibrillation Undergoing Cardioversion: The ACUTE Clinical Trial.
  *American Journal of Cardiology* 2005;96:935-941

- Furosemide-induced recurrent syncope in myxedema
  Thambidorai SK, Sankarapandian BM, Bandara M, Korlakunta HL, Denney SD, Khan IA.

- C-Reactive Protein is Associated with Transesophageal Echocardiographic Markers of Thromboembolic Risk in Atrial Fibrillation.
  Thambidorai SK, Parakh K, Murray RD, Jasper SE, Van Wagoner DR, Martin DO Chung MK, Klein AL.
  *American Journal of Cardiology* 2004 Sep 15;94(6):805-7

CO-AUTHOR

- Thoracic aortic pseudoaneurysm following noncardiovascular surgery: a rare complication that can mimic common chest emergencies.
  Alla VM, Suryanarayana PG, Thambidorai SK.

- C-Reactive Protein and the Risk of Atrial Fibrillation: A Systematic Review and Meta-Analysis.
  Alla V, Thambidorai S, Anand K, Mooss AN, Baltaro R, Mohiuddin SM.
Senthil K Thambidorai, M.D, F.H.R.S


BOOK CONTRIBUTION


PRESENTATIONS AT SCIENTIFIC MEETINGS

American Heart Association (AHA) Scientific Sessions November 2002 – Abstracts


American College of Cardiology (ACC) Scientific Sessions March 2003- Abstract


1. Left atrial thrombus and aortic atheroma diagnosed by Transesophageal echocardiography correlates with elevated C-reactive protein in Atrial Fibrillation - Thambidorai SK, Klein AL., Publication Date: 06 / 2003

American College of Physicians (ACP) Scientific Sessions (Nebraska) 2003- Abstract

1. Peptostreptococcus endocarditis in a patient undergoing dental extraction with underlying valvular heart disease- Thambidorai SK, Ricardo-Dukelow M, Bittner M, Publication Date: 10 / 2003

American College of Physicians (ACP) Scientific Sessions (Nebraska) 2003- Abstract

2. Association of Atheroma as assessed by Intra-operative Transesophageal Echocardiography with Long-Term Mortality in Patients Undergoing Cardiac Surgery Thambidorai SK,Shah TK, Stewart WJ, Klein AL, Lauer MS

3. Transthoracic Tissue Doppler Imaging of the Left Atrial Appendage predicts Thrombus and Severity of Spontaneous echocontrast on Transesophageal Echocardiogram -Sallach J, Thambidorai SK, Jasper S, Klein AL and CLOTS investigators, Publication Date: 06 / 2004


2. The incidence of embolic stroke in patients with left atrial thrombus and/or thoracic aortic plaques assessed by transesophageal echocardiography, Thambidorai SK, Shen X, Nair CK, Li H, Cloutier D, Holmberg MJ, Mooss AN, Mohiuddin SM, Publication Date: 06 / 2005


American Society of Echocardiography (ASEC) Scientific Sessions June 2005- Abstract


Society of General Internal Medicine (SGIM) Sep 2005- Abstracts


Senthil K Thambidorai, M.D, F.H.R.S
2. Splenic Abscess- Rare Presentation of Salmonella species.- Gudavalli R, Thambidorai SK, Sankar B, Sakowski H, Publication Date: 09 / 2005

Chest Oct 2005- Abstract


Rhythm Congress 2007- Abstract

1. Hydroxymethylglutaryl Coenzyme inhibitors (Statins) and atrial fibrillation: Systematic review and Meta-analysis- Thambidorai SK, Anand K, Hee T, Mooss AN, Mohiuddin SM.

American Society of Echocardiography (ASEC) Scientific Sessions June 2007- Abstract

1. Progression of aortic atheroma is associated with persistence of atrial fibrillation.- Thambidorai SK, Jagadesh SJ, Cloutier D, Shen X, Mooss AN, Mohiuddin SM.

Society of General Internal Medicine (SGIM) Sep 2007- Abstract

1. Allopurinol Hypersensitivity syndrome – Pureti C, Thambidorai SK.

American Heart Association, Nov 2008- Abstract


Cardiac Electrophysiological Society (CES-AHA) Sept 2009- Abstract

1. Implantable Cardiac Devices in the Elderly- How Risky is it?- Thambidorai SK, Kaushik M, Chen A, Kadri N

American College of Physicians- Nebraska October 2009- Abstract

1. Complications of Implantable Cardiac Devices- Can we Identify high-risk patients?- Kaushik M, Thambidorai SK, Chen A, Kadri N

American College of Cardiology- March 2010- Abstract

1. Complications of Implanting Implantable Cardioverter-Defibrillator on the Same Day of Electrophysiology Study Madhu Reddy, Senthil Thambidorai, Manu Kaushik, Suman Pasupuleti, Mahesh Alla, Kelly Airey, Nazih Kadri

Heart Rhythm Society – May 2012 – Abstract

1. Impact of Cardiac Resynchronization therapy on Atrial Fibrillation: ALTITUDE Remote Monitoring study. Senthil Thambidorai, Yong Mei-Cha, Niraj Varma

2. Azygos Vein Catheter mapping during Atrial Fibrillation ablation. Senthil Thambidorai, Niraj Varma
CURRICULUM VITAE

Rashmi Verma, MD

Email: rashmikverma@hotmail.com

Phone: 6052124222
Home address: 3336 Denali Drive, Irving, TX 75063

Past position/Address: Chief fellow
Department of Hematology & Oncology, Texas Tech University and Health Sciences Center, Lubbock, TX.
Year: 2013-2016

Visa status: Permanent resident.

Education:
M.B.B.S (Bachelor of Medicine and Bachelor of Surgery),
University College of Medical Sciences & Associated Hospitals,
University of Delhi, India.

D.G.O. (Diploma in Obstetrics and Gynecology
Safdarjung Hospital, University of Delhi, India.

Residency Internal Medicine:
PGY1 and PGY2-University of South Dakota and VA Hospital, Sioux Falls, SD (2009-2011)
PGY3 -UMDNJ and Cooper University Hospital, NJ (2011-2012)

Fellowship:
Hematology & Oncology, Texas Tech University, Lubbock, TX (2013-2016)
Board Certified Hematology 2016 and Oncology 2016

Current Position:
Attending physician at Center for Cancer and Blood disorder. Fort Worth

Board Certifications:
Internal medicine board certified (2012)
Hematology and Oncology board certified (2016)
Other Certifications:
ACLS and BLS (current)

License:
Texas State License(active) along with DPS and DEA

Membership:
ASCO (American Society of Clinical Oncology)
ASH (American Society of Hematology)
ACP (American College of Physicians)
Texas Society of Clinical Oncology

Work Experience:
Junior Residency department of Medicine, G.T.B Hospital, University of Delhi, India
Senior residency department of Obstetrics and Gynecology University of Delhi, India
Internal Medicine Hospitalist Cooper University and UMDNJ Hospital, New Jersey 2012-2013

Poster/Abstract Presentations:

2. **Texas Clinical Society San Antonio Sept. 2014**, Galectin -3 Therapy Ovarian Cancer Galectin 3C Inhibits Tumor Growth and Increases the Anticancer Activity of Taxol in vitro Murine Model of Ovarian Cancer

4. **ASCO Abstracts 2014 presentations:**
1. Effect of galectin-3 inhibition on drug resistance, motility, invasion, and angiogenic potential in ovarian cancer. Abstract No: e22005 | **First Author:** Rashmi Verma


3. **Abstracts SSCI** (Southern Society of Clinical Investigation)-Oct 2014
Orbital pseudo tumor and its management
Inflammatory fibromyoblastic tumor a rare presentation
Splenules as masquerader of metastatic disease
T-cell Prolymphocytic Leukemia presenting as Skin Rash
Newer drugs, better treatment options come with a price-cardiotoxicity with pertuzumab and trastuzumab

**Abstracts SSCI 2016**
BMJ JOURNALS/Journal of Investigative Medicine, Southern Regional Meeting, 2016
http://jim.bmj.com/content/64/2/488.3#sec-54
Abstract 537
Can elevated coagulation factor VIII cause thrombosis
Abstract 538
An interesting presentation of Cerebellar Hemangioblastoma with polycythemia

Publications Peer Review Journals:


2. Effect of the novel galectin-3 blocker, Gal3M, on the efficacy and reduction of toxicity of proteosome inhibitors for the treatment of multiple myeloma
Riaz J., Verma R., Mirandola L et al
Journal of Clinical Oncology 2014 32:15 SUPPL. 1

3. Cancer testis antigens: Potential new targets for lung cancer
Mirandola L., Riaz J., Verma R et al
Journal of Clinical Oncology 2014 32:15 SUPPL. 1

4. MUC13 expression enhances colon cancer progression

5. Nuclear Export as a Novel Therapeutic Target: The CRM1 Connection

Mirandola L., Wade R., Verma R. et al

International Reviews of Immunology, Volume 33, Issue 5, 2014

BOOK CHAPTER

Biosimilars of Monoclonal Antibodies: A Practical Guide to Manufacturing and Preclinical and Clinical Development
Therapeutic Monoclonal antibodies and their targets
Co-author. Published Online: 1 DEC 2016, DOI: 10.1002/9781118940648.ch4
Publications Case reports:
1. Case report-
Primary cutaneous mantle cell lymphoma with blastic features: report of a rare case with special reference to staging and effectiveness of chemotherapy.
Lynch DW, Verma R, Larson E et al
J Cutan Pathol. 2012 Apr;39(4):449

2. Case report-
Finding Uses for Thalidomide in a New Era of Medicine,
Soape M., Verma R., Payne D,
Case Reports in Gastrointestinal Medicine, vol. 2015, Article ID 326795

3. Newer drugs, better treatment options come with a price
Journal of Investigative Medicine 2015 63:2 (341-)

4. Cardiac toxicity with monoclonal antibodies therapy,
Mazek H,Verma R, et al
The Southwest Respiratory and Critical Care Chronicles 2015;3(11)

5. Splenules as masquerader of metastatic disease
Mazek H., Verma R., Cobos E.et al
Journal of Investigative Medicine 2015 63:2 (340-341)

6. Fibromyoblastic tumor
Klomjit S., Verma R., Hosirluck N., Mohamed A., Cobos E.
Journal of Investigative Medicine 2015 63:2 (371)

7. T-cell Prolymphocytic Leukemia presenting as Skin Rash
Payne J., Verma R., Hardwicke F., Cobos E.
Journal of Investigative Medicine 2015

8. Is it really malignancy? A case of chronic pancreatitis with vitamin D deficiency masquerading as malignancy
Mohamed A., Verma R., Mazek H., Tijani L., Rakvit A.
Journal of Investigative Medicine 2015 63:2 (342-)

9. Orbital pseudotumor
Hosirluck N., Klomjit S., Verma R., D'Cunha N., Cobos E.
Journal of Investigative Medicine 2015 63:2 (378-)

National Sex and Gender Medicine Slide Library for Medical students - sponsored by Office of Dean of school of Medicine and Laura W. Bush Institute for Women’s Health, Texas Tech University.
Project launced by Dr. Marjorie R Jenkins working at NIH

Slides are on http://www.sexandgenderhealth.org or www.texastechnsgbm.org
Breast Cancer & sex and gender based medicine
Lung Cancer & sex and gender based medicine
Lymphoma & sex and gender based medicine, submitted for peer review
Acute Leukemia & sex and gender based medicine, submitted for peer review
Honors and Awards:
1. Elected as student representative consecutively for 3 years in Medical School.
2. Award for best patient care in Internship.
3. Indian Council of Medical Research- awarded for research of the year in the department of Physiology 2nd year of Medical School.
4. Awarded as best volunteer in Indian NGO during Internship.
5. I actively represented in Indian Medical Association, Delhi chapter. Facilitated workshops and arranged training programs.

Special Skills:
Knows languages English, Hindi, Punjabi, and Urdu. Efficient in EMR skills.

Interests:
Traveling, cooking, learning different cultures.
Kimberly LaToya Washington, M.D., F.A.C.S.

Address: 2225 Canton Street #133
Dallas, TX 75201

Phone Number: (817) 296-6602
Email: washington.k@att.net

Education:
University of Tennessee Health Science Center, Memphis, Tennessee

Northeastern University, Boston, Massachusetts
Degree: Bachelor of Science in Biochemistry, Dates of Attendance 9/2001-1/2005

Postgraduate Training:
University of Tennessee Health Sciences Center, Memphis, Tennessee
Department of General Surgery – Internship and Residency
Date of Attendance 7/2009-6/2014

Board Certification:
American Board of Surgery, General Surgery, 2015

Licensure:
Texas Medical Board, P9131, Obtained 2/2014, Expires October 2018

Work/Volunteer Experience:
General Surgeon
Highlander Surgical Associates, Arlington, Texas
Facilities: Medical City Arlington, Trinity Park Surgery Center, Arlington Memorial Hospital, Methodist Mansfield Hospital, Baylor Surgicare Mansfield, Baylor Hospital at Irving
Dates of Employment: 8/2014-current

Surgical Resident Volunteer
Tenwek Hospital, Tenwek, Kenya
Dates of Service: 5/2013-6/2013

Surgical Resident Volunteer
Clinica Ezell, Montellano, Guatemala
Dates of Service: 06/2011

Surgical Resident Volunteer
Hospital Diospi Suyana, Curahuasi, Peru
Dates of Service: 4/2011

Medical Student Volunteer
Sewa Bhawan Hospital, Jagdishpur, India
Dates of Service: 11/2008-12/2008

Pre-Medical Ambassadors Program Participant
Brigham & Women’s Hospital, Boston, Massachusetts
Dates of Service: 04/2004-12/2004

Unit Coordinator
Brigham and Women’s Hospital, Boston, Massachusetts

**Certification and Licensure:**
Fundamentals of Laparoscopic Surgery Certification (Exp 11/2019)
Texas Medical License (Exp 10/2018)
Board Certification by the American Board of Surgery (Exp 10/2025)

**Research/Past Grant Experience:**
Student Research Assistant, Supervisor Dr. Mary Jo Ondrechen, Department of Chemistry, Northeastern University.

Medical Student Research Assistant, Supervisor, Dr. Timothy Fabian & Dr. Jennifer DiCocco, Department of Surgery, University of Tennessee, Health Sciences Center
“Biomarkers in ePTFE infection”
Dates: 8/2008-9/2008

Medical Student Research Assistant, Supervisor, Dr. Patricia Flynn, St, Jude Research Hospital, Memphis, Tennessee.
“Missed Opportunities” HIV transmission prevention from mother to newborn.
Dates 8/2008-10/2008

Alpha Omega Alpha Service Project Grant
Shelby County Corrections Facility, Memphis, Tennessee
6 week Health Education Course for Inmates

**Presentations:**
“Menstrual Cycle Synchronization and its Effects on Altruism” Department of Biology, Northeastern University, April 2004

“Peptic Ulcer Disease: Then and Now” Department of General Surgery Grand Rounds, October 2012.
Awards and Honors:
First Place, Roland E. Latham Annual Oratory Competition, Northeastern University, February 2004
Medical Student Service Project Award, Alpha Omega Alpha Medical Honor Society, 2008
Paul Ambrose Scholar, Association for Prevention Teaching and Education, 2008
IMHOTEP Leadership Society, University of Tennessee Health Sciences Center, Inducted 2008
National Clinical Sciences Scholarship Winner, Student National Medical Association, 2008
Association of Women Surgeons, Medical Student Committee Member, 2008-2009
Fellow of the American College of Surgeons, 10/2016 - current

Professional Society Memberships:
American Medical Association
American College of Surgeons
Association of Women Surgeons
National Medical Association
CV Roman Medical Society
Tarrant County Medical Association
**Brian Garry Webb, MD**  
Acclaim Physicians Group  
Department of Orthopaedic Surgery  
1500 South Main Street  
3rd Floor  
Fort Worth, TX  76104  
817-702-6903  
bgwebb@sbcglobal.net

<table>
<thead>
<tr>
<th>Academic Rank/Positions/Employment</th>
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| **Acclaim Physicians Group**  
Department of Orthopaedic Surgery  
**Interim Chairman** 2016-Current |
| University of North Texas Health Science Center  
Department of Orthopaedic Surgery  
**Associate Professor**  
**Interim Chairman** 2014-2015  
Employed UNT Health 2008-2016  
Director of Sports Medicine |
| JPS Health Network  
Department of Orthopaedic Surgery  
**Interim Chairman** 2014-Current  
Director of Sports Medicine 2008-Current |

<table>
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<th>Education</th>
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| **Texas Christian University/JPS Executive Leadership Program**  
Fort Worth, TX  
2017 |
| **University of North Texas Toulouse Graduate School**  
Denton, TX  
Certificate of Teaching and Adult Learning, December 2012  
2010-2012 |
| **University of North Texas Toulouse Graduate School**  
Denton, TX  
Certificate of Teaching and Learning for Medical Education, December 2012  
2010-2012 |
| **Methodist Orthopaedic Surgery Sports Medicine Fellowship**  
Indianapolis, IN  
2007-2008 |
JPS Hospital Orthopaedic Surgery Residency Program
Fort Worth, TX 2002-2007

Indiana University School of Medicine
Indianapolis, IN 1998-2002
Doctor of Medicine, May 2002

Wake Forest University
Winston-Salem, NC 1994-1998
Bachelor of Science, Health and Exercise Science, *Magna Cum Laude*, May 1998

**Certifications/License**

Texas Medical Board License
Current

Indiana Medical Board License
Current

American Board of Orthopaedic Surgery, Board Certified
July 2010

American Board of Orthopaedic Surgery Sports Medicine Subspecialty Certificate
Nov. 2011

USMLE Step 3
Passed June 2003

USMLE Step 2
Passed Oct. 2001

USMLE Step 1
Passed June 2000

**Teaching Positions**

JPS Health Network Orthopaedic Surgery Residency Program
Director of Sports Medicine Residency Rotation
Fort Worth, TX 2008-Current

UNTHSC Medical School Director of Orthopaedic Education
Fort Worth, TX 2009-2017

UNTHSC Faculty Academy of Medical Educators Member
Fellow of Academy of Medical Educators
Fort Worth, TX 2010-Current

UNTHSC 2nd Year Medical Student Musculoskeletal Course Director
Fort Worth, TX 2010-Current
UNTHSC Physician Assistant Studies Clinical Instructor  
Fort Worth, TX  
2009-Current

JPS Health Network Primary Care Sports Medicine Fellowship Faculty  
Fort Worth, TX  
2008-Current

UNTHSC Primary Care Sports Medicine Fellowship Faculty  
Fort Worth, TX  
2014-2016

UNTHSC Bone and Joint Club, Faculty Advisor  
Fort Worth, TX  
2008-2016

UNTHSC Clinical Instructor  
Fort Worth, TX  
2006-2007

Committee Memberships and Leadership Positions

Acclaim Physicians' Group Board of Directors  
2016-Current

JPS Health Network Board of Managers Quality Committee  
2016-Current

JPS Medical Executive Committee  
2014-Current

JPS Surgical Operations Committee  
2016-Current

JPS Quality and Patient Safety Governance Committee  
Co-Chairman  
2016-Current

JPS Subcommittees (Surgical Site Infection, CDI Task Force)  
2016-2017

JPS Acclaim Physicians’ Group Compensation and Engagement Committee  
2015-2016

JPS Chairmen's Committee  
2014-2016

JPS Orthopaedic Medical Director for Orthopedic and Sports Medicine Center/Bardin Road Specialty Clinic  
2009-Current

JPS Co-Chairman of Oversight Committee of JPS Surgical Center of Arlington  
2010-Current

JPS Chairman of Orthopaedic Surgery Residency Clinical Competency Committee  
2014-Current
JPS Department of Orthopaedic Surgery Residency Program Evaluation Committee 2008-Current

JPS Orthopaedic Surgery Hospital Operations Committee, Chair 2015-Current

UNTHSC Steering Committee Member for Academy of Medical Educators 2010-2016

UNTHSC Academy of Medical Educators Fellow 2015-Current

UNTHSC Admissions Committee Member 2010-2016

UNTHSC Orthopaedic Department Promotion and Tenure Committee 2014-Current

Research Publications/Presentations

Mentor UNTHSC Honors Course Gabriel Gonzalez, MS IV, Effect of Tibial Tubercle Rotation with Osteotomy.


Member of large multicenter Arthroscopic Association of North America Knee and Shoulder Arthroscopic Complications Study. Data collection completed and submitted to lead author. May 2013.


**Teaching Presentations/Lectures**


Visiting professor at University of New Mexico Arthroscopy Lab, Scottsdale, Arizona. April 7-8, 2017.


“Shoulder Pain” Clinical Medicine Course small group didactic session author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. June 2, 2016.

“Acute and Chronic Shoulder Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. May 31, 2016.

“Acute Elbow, Wrist, Hand Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. May 31, 2016.

“Knee Case Discussions” Clinical Medicine Course Small Group Didactic Session Author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. May 26, 2016.

“Acute Foot and Ankle Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. May 25, 2016.

“Acute Knee and Hip Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. May 25, 2016.

“Shoulder and Elbow Pain.” University of North Texas Health Science Center PA Program, Fort Worth, TX. May 19, 2016.

“Primer for 3rd Year Orthopaedic Surgery Rotation” UNTHSC Orthopedic Student Interest Group, Fort Worth, Texas. April 6, 2016.


“Radiology Clinical Correlations.” University of North Texas Health Science Center 1st Year Class. Fort Worth, TX. August 26, 2015.


“Shoulder Pain” Clinical Medicine Course small group didactic session author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. May 28, 2015.

“Acute and Chronic Shoulder Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. May 27, 2015.

“Acute Elbow, Wrist, Hand Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. May 27, 2015.

“Knee Case Discussions” Clinical Medicine Course Small Group Didactic Session Author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. May 21, 2015.

“Acute Foot and Ankle Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. May 20, 2015.

“Acute Knee and Hip Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. May 20, 2015.


“3rd Year Orthopaedic Surgery Rotation Primer” UNTHSC Orthopedic Student Interest Group, Fort Worth, Texas. April 22, 2015.

“Shoulder Pain”  Clinical Medicine Course small group didactic session author.  University of North Texas Health Science Medical School 2nd Year Class.  Fort Worth, TX.  March 4, 2015.

“Acute Foot and Ankle Pain.”  University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX.  March 4, 2015.

“Acute and Chronic Shoulder Pain.”  University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX.  March 2, 2015.

“Acute Elbow, Wrist, Hand Pain.”  University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX.  March 2, 2015.

“Lower Extremity Case Discussions” Clinical Medicine Course Small Group Didactic Session Author.  University of North Texas Health Science Medical School 2nd Year Class.  Fort Worth, TX.  February 25, 2015.

“Acute Knee and Hip Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX.  February 25, 2015.


“Radiology Clinical Correlations.”  University of North Texas Health Science Center 1st Year Class.  Fort Worth, TX.  September 12, 2014.

“Shoulder and Elbow Pain.”  University of North Texas Health Science Center PA Program, Fort Worth, TX.  July 29, 2014.


“Cartilage Restoration” UNTHSC Orthopedic Student Interest Group, Fort Worth, Texas. April 2, 2014.


“Upper Extremity Anatomy, Radiology, and Case Discussions” Clinical Medicine Course small group didactic session author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. March 5, 2014.

“Acute and Chronic Shoulder Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. March 3, 2014.

“Acute Elbow, Wrist, Hand Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. March 3, 2014.

“Lower Extremity Anatomy, Radiology, and Case Discussions” Clinical Medicine Course Small Group Didactic Session Author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. February 26, 2014.

“Acute Foot and Ankle Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. February 26, 2014.

“Acute Knee and Hip Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. February 24, 2014.


“Shoulder and Elbow Pain.” University of North Texas Health Science Center PA Program, Fort Worth, TX. October 25, 2013.

“Musculoskeletal Imaging Clinical Correlations.” University of North Texas Health Science Medical School 1st Year Class. Fort Worth, TX. September 19, 2013.


“Cartilage Restoration” UNTHSC Orthopedic Student Interest Group, Fort Worth, Texas. May 1, 2013.


“Upper Extremity Anatomy, Radiology, and Case Discussions” Clinical Medicine Course small group didactic session author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. March 6, 2013.

“Acute and Chronic Shoulder Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. March 4, 2013.

“Acute Elbow, Wrist, Hand Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. March 4, 2013.

“Lower Extremity Anatomy, Radiology, and Case Discussions” Clinical Medicine Course Small Group Didactic Session Author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. February 27, 2013.

“Acute Foot and Ankle Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. February 27, 2013.

“Acute Knee and Hip Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. February 25, 2013.


“Upper Extremity Clinical Correlations.” University of North Texas Health Science Center Medical School 1st Year Class, Fort Worth, TX. September 13, 2012.


“Upper Extremity Anatomy, Radiology, and Case Discussions” Clinical Medicine Course small group didactic session author. University of North Texas Health Science Medical School 2nd Year Class. Fort Worth, TX. April 11, 2012.

“Acute and Chronic Shoulder Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. April 10, 2012.

“Acute Elbow, Wrist, Hand Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. April 10, 2012.

“Acute Foot and Ankle Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. April 10, 2012.

“Acute Knee and Hip Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. April 9, 2012.


“Shoulder and Elbow Pain.” University of North Texas Health Science Center PA Program, Fort Worth, TX. October 5, 2011.

“Introduction to Upper Extremity Radiology.” University of North Texas Health Science Center Medical School 1st Year Class, Fort Worth, TX. September 22, 2011.

“Anatomy in the Practice of Medicine/Upper Extremity.” University of North Texas Health Science Center Medical School 1st Year Class, Fort Worth, TX. September 22, 2011.


“Acute and Chronic Shoulder Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. March 31, 2011.

“Acute Elbow, Wrist, Hand Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. March 31, 2011.

“Acute Knee and Hip Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. March 30, 2011.

“Acute Foot and Ankle Pain.” University of North Texas Health Science Medical School 2nd Year Class, Fort Worth, TX. March 30, 2011.


“Shoulder and Elbow Pain.” University of North Texas Health Science Center PA Program, Fort Worth, TX. October 1, 2010.
“Introduction to Upper Extremity Radiology.” University of North Texas Health Science Center Medical School 1st Year Class, Fort Worth, TX. September 23, 2010.

“Anatomy in the Practice of Medicine.” University of North Texas Health Science Center Medical School 1st Year Class, Fort Worth, TX. September 23, 2010.


“Shoulder and Elbow Pain.” University of North Texas Health Science Center PA Program, Fort Worth, TX. October 30, 2009.


“Shoulder and Elbow Pain.” University of North Texas Health Science Center PA Program, Fort Worth, TX. October 24, 2008.


“Compartment Syndrome and Post-Operative Care.” Nursing Continuing Medical Education lecture series at John Peter Smith Hospital, Fort Worth, Texas. February 24, 2004.

**Honors & Awards**

*Fort Worth Monthly Magazine Top Docs Award* 2017

JPS Excellence Award 2017

*360 Magazine Top Doctors Award* 2016

*Texas Monthly* Super Doctors Award 2016

*Fort Worth Monthly Magazine Top Docs Award* 2016

UNT Health Science Center “Valubility” Award 2015

*Fort Worth Monthly Magazine Top Docs Award* 2015

*Texas Monthly* Super Doctors Award 2015 Texas Rising Stars 2015

*Texas Monthly* Super Doctors Award 2014 Texas Rising Stars 2014

Texas Monthly Super Doctors Award 2013 Texas Rising Stars 2013

*Fort Worth Monthly Magazine Top Docs Award* 2012

UNTNSC President’s Award for Clinical Excellence 2012

JPS Orthopedic Residency Program Teacher of the Year Award 2011

JPS Orthopedic Residency Program Teacher of the Year Award 2009

American Orthopaedic Association AOA Leadership Forum Selection 2006
The Pfizer Scholars in Pain Management Award 2005

The Geneva Wise Endowed Scholarship, IU School of Medicine 2001

Henry and Hattie Steinmetz Scholarship, IU School of Medicine 2000

Phi Beta Kappa 1998

Mortar Board National Honor Society 1998

Omicron Delta Kappa National Leadership Honor Society 1998

Golden Key National Honor Society 1998

**Community Engagement**

Texas Medical Association Council on Medical Education 2013-Current

Fort Worth ISD Volunteer Team Physician 2008-2012

Keller ISD Volunteer Team Physician 2008-Current

Tarrant County Medical Society Board of Directors 2006-2007

Whites Chapel United Methodist Church, Southlake, Texas 2008-Current

Policy-group on Rape Education Prevention And Response (PREPAR) 1995-1998
Chairman and Peer Counselor

Executive Council and Member Sigma NU Fraternity 1995-1998
Served as Pledge Master and House Manager

**Professional Affiliations**

American Orthopaedic Association, Elected Member 2016-Current

American Academy of Orthopaedic Surgeons, Fellow 2002-Current

American Orthopaedic Society for Sports Medicine, Active Member 2008-Current

Arthroscopy Association of North America, Active Member 2008-Current
Tarrant County Orthopaedic Society
Program Director 2009-2013

Editorial Board *Gavin Journal of Orthopedic Research and Therapy* 2015-Current

Article Reviewer for *American Journal of Sports Medicine* 2009-Current

Article Reviewer for *Orthopedic Journal of Sports Medicine* 2016-Current

Article Reviewer for *Orthopedics* 2009-Current

Article Reviewer for *Current Sports Medicine Reports* 2012-2013

Texas Medical Association 2006-Current

Tarrant County Medical Society 2006-Current

**Personal**

Hobbies include spending time with family, jogging, football, basketball, baseball, and grilling.
CURRICULUM VITAE

Don P. Wilson, M.D., FNLA

Division of Pediatric Endocrinology & Diabetes
Diplomate, American Board of Clinical Lipidology
Endowed Chair, Pediatric Cardiovascular Health and Risk Prevention
Pediatric Endocrinology and Diabetes
Cook Children’s Medical Center
Fort Worth, Texas

Employer
Cook Children’s Medical Center 09/2011 - present

Address
Division of Pediatric Endocrinology & Diabetes
1500 Cooper Street, 2nd Floor, Dodson Bldg
Fort Worth, Texas 76104-2724

Telephone
Office (682) 885-7960
Cell (817) 999-9150
Facsimile (602) 933-0610
E-mail don.wilson@cookchildrens.org

Education

High School
Newton High School 09/1963-05/1967
Newton, Mississippi

College
University of Southern Mississippi 08/1967-06/1970
Hattiesburg, Mississippi

Medical School
University of Mississippi 07/1970-06/1974
Jackson, Mississippi

Postgraduate Training

Internship
Pediatrics, Baylor Affiliated Hospitals 07/1974-06/1975
Houston, Texas

Residency
Pediatrics, Baylor Affiliated Hospitals 07/1975-06/1977
Houston, Texas
<table>
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<tr>
<th><strong>Chief Resident</strong></th>
<th>Pediatrics, Baylor Affiliated Hospitals</th>
<th>07/1977-06/1978</th>
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<tr>
<td></td>
<td>Houston, Texas</td>
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<tr>
<td><strong>Fellowship</strong></td>
<td>Pediatric Endocrinology</td>
<td>07/1978-06/1980</td>
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<td></td>
<td>Baylor Affiliated Hospitals</td>
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<td></td>
<td>Houston, Texas</td>
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</tbody>
</table>

### Employment

- **Section of Endocrinology, Diabetes & Metabolism**
  - Children’s Medical Center, Tulsa, OK

- **Private Practice**
  - Pediatric Endocrine Associates
  - Tulsa, Oklahoma
  - 05/1990-12/1991

- **Section of Pediatric Endocrinology**
  - Driscoll Children’s Hospital
  - Corpus Christi, Texas
  - 01/1992-12/1996

- **Section of Pediatric Endocrinology**
  - Scott and White Clinic
  - Temple, Texas
  - 01/1997-01/2009

- **Division of Pediatric Endocrinology**
  - Phoenix Children’s Hospital
  - Phoenix, Arizona
  - 01/2009-09/2011

- **Division of Pediatric Endocrinology**
  - Cook Children’s Medical Center
  - Fort Worth, Texas
  - 09/2011-present

### Leadership Positions Held

- **Instructor**
  - Department of Biology
  - University of Southern Mississippi
  - Hattiesburg, Mississippi
  - 1970

- **Chief Resident**
  - Pediatrics, Ben Taub General Hospital
  - Houston, Texas

- **Chief Resident**
  - Pediatrics, Texas Children’s Hospital
  - 07/1977-06/1978
  - Houston, Texas

- **Instructor**
  - Cardiopulmonary Resuscitation
  - Texas Children’s – St. Luke Episcopal Hospitals, Staff Certification
  - Houston, Texas
  - 1977
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<tr>
<td>Research Assistant</td>
<td>VA Medical Center</td>
<td>1979-1980</td>
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<tr>
<td>Medical Director</td>
<td>Youth Leadership Congress</td>
<td>1989</td>
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<tr>
<td></td>
<td>National American Diabetes Association</td>
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<tr>
<td>Medical Advisor</td>
<td>Diabetes Camping and Youth Program</td>
<td>1980-1981</td>
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<td>American Diabetes Association</td>
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<tr>
<td>Chief</td>
<td>Section of Endocrinology, Diabetes &amp; Metabolism</td>
<td>1980-1990</td>
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<td>Children's Medical Center, Tulsa, OK</td>
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<tr>
<td>Chair</td>
<td>Research Committee, American Diabetes</td>
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<td>Association, Eastern Oklahoma Chapter</td>
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<tr>
<td>Member</td>
<td>Pediatric ICU/Patient Care Committee</td>
<td>1982-1991</td>
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<td></td>
<td>St. Francis Hospital, Tulsa, Oklahoma</td>
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<tr>
<td>Chair</td>
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<td></td>
<td>Oklahoma Affiliate</td>
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<tr>
<td>Chair</td>
<td>Youth Services Committee</td>
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<td>American Diabetes Association, Oklahoma</td>
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<tr>
<td>Medical Advisor</td>
<td>Camp Sand Castle</td>
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<td>American Diabetes Association, Texas Affiliate</td>
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<tr>
<td>Member</td>
<td>Health and Safety Services Committee</td>
<td>1990-1991</td>
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<td></td>
<td>American Red Cross-Tulsa, Oklahoma</td>
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<tr>
<td>Delegate</td>
<td>People to People</td>
<td>1995</td>
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<td></td>
<td>Citizen’s Ambassador Program</td>
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<td></td>
<td>Diabetes Delegation to China and Mongolia</td>
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<tr>
<td>Medical Director</td>
<td>Texas Youth Leadership Congress</td>
<td>1995-1996</td>
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<td></td>
<td>American Diabetes Association, Texas Affiliate</td>
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<tr>
<td>Section Head</td>
<td>Section of Pediatric Endocrinology</td>
<td>1992-1996</td>
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<td></td>
<td>Driscoll Children’s Hospital</td>
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<td></td>
<td>Corpus Christi, Texas</td>
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<td>Chair</td>
<td>American Diabetes Association</td>
<td>1992</td>
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<td>National Youth Leadership Congress</td>
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<td>Role</td>
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<td>Chair</td>
<td>Advertising Review Board</td>
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<td>Member</td>
<td>Camping and Youth Services Committee</td>
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<td>American Diabetes Association, Texas Affiliate</td>
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<tr>
<td>Member</td>
<td>Conference Committee</td>
<td>1994-1996</td>
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<td></td>
<td>Annual Pediatric Conference and Driscoll Alumni Reunion</td>
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<td>Corpus Christi, Texas</td>
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<tr>
<td>Member</td>
<td>South Texas Border Health Initiatives</td>
<td>1995-1996</td>
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<tr>
<td>Consultant</td>
<td>Texas Board of Health Newborn Screening Program</td>
<td>1992-present</td>
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<tr>
<td>Member</td>
<td>Community Advisory Board</td>
<td>1998-2000</td>
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<td></td>
<td>Junior League of Temple</td>
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<tr>
<td>Active Member</td>
<td>CHARIOT (Children’s Hospitals and Related Institutions of Texas)</td>
<td>1999-2007</td>
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<tr>
<td>Member</td>
<td>First Lady Laura Bush’s Reach Out and Read Early Childhood Literacy Committee</td>
<td>1999</td>
</tr>
<tr>
<td>Chair</td>
<td>Children’s Hospital Advisory Council</td>
<td>2004-2008</td>
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<tr>
<td>Co-Founder</td>
<td>Tem-Bel Health and Wellness Coalition</td>
<td>2001-2008</td>
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<tr>
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<td>Scott &amp; White Clinic</td>
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<tr>
<td>Member</td>
<td>Belton ISD School Health Advisory Committee</td>
<td>2000-2008</td>
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<tr>
<td>Chair</td>
<td>TISD School Health Advisory Committee</td>
<td>2000-2008</td>
</tr>
<tr>
<td>Associate Editor</td>
<td>Journal of Clinical Lipidology</td>
<td>Jan 2009 – Present</td>
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<tr>
<td></td>
<td>Neuropsychologic functioning and stress reactivity in type 1 diabetes mellitus.</td>
<td>Catherine L. Purdom, M.A., Doctoral Student, Department of Psychology, Arizona State University.</td>
</tr>
<tr>
<td>Fellowship Director</td>
<td>Pediatric Endocrinology Fellowship</td>
<td>Aug 2009 – Aug 2011</td>
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<td></td>
<td>Phoenix Children’s Hospital</td>
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</table>
Endowed Chair, Cardiovascular Health and Risk Prevention. Cook Children’s Medical Center. Fort Worth, Texas. October 2013 - present.

Medical Director, REACH Clinic, September 211 – present

Medical Director, Medical Education, Cook Children’s Medical Center. 2013 - present.


Chair, Medical Education Advisory Committee, Cook Children’s Medical Center. 2013 – present


Chair, Abstract Committee, 2016 PESTOLA Annual Scientific Meeting.

Executive Committee, Pediatric Atherosclerosis Prevention and Lipidology Group (PeDAL)

IAS 2018 International Pediatric Lipidology Symposium Planning Committee, 2016-2017

**Professional Committee Participation**


Southwest Lipid Association - Executive Committee meeting. 02/15/2015. Denver, Colorado. (Teleconference)

Right Care Planning Committee. CCMC Health Plan. 2015


Advisory Board. Alexion Pharmaceuticals. 2015-present

National Lipid Association, Graduate Medical Education Committee, 2014-present.

National Lipid Association, Continuing Medical Education Committee, 2014-present.

Pediatric Atherosclerosis Prevention and Lipidology Group (PeDAL), 2015 - present

**Professional Appointments**


Presenter, Zero Harm, Cook Children’s Medical Center. 2014 – present
Member, Cook Children’s Health Plan Quality Management Committee. 2013 – present
Member, Executive Committee, PedDAL. 2014 – present
Member, Graduate Medical Education Committee, National Lipid Association. 2013 – present
Member, Abstract Committee, 2016 National Lipid Association’s Annual Scientific Meeting.
Member, ABCL Certifying Exam Revision Committee, 2015-2016.
Member, National Lipid Association’s, SAP Revision Committee, 2015-2016.

**Academic Titles**

Clinical Professor, Department of Pediatrics, University of North Texas Health Sciences Center, 2012 – present.

Clinical Professor, Department of Pediatrics, University of Arizona College of Medicine, -2009 – 2011.

*Research Professor*, Center for Metabolic Biology and the College of Liberal Arts and Sciences, Arizona State University, 2009-2011.

*Adjunct Professor, College of Nursing and Healthcare Innovation*, Arizona State University, 2009-2011.

Professor and Chairman, Department of Pediatrics, Scott & White Hospital and Clinic and Texas A & M University Health Science Center, 1997-2008.

Adjunct Assistant Clinical Professor, The University of Texas at Arlington School of Nursing. 2008 – 2009.

Clinical Assistant Professor of Pediatrics, Baylor College of Medicine, 1994-1995

Clinical Associate Professor of Pediatrics, Baylor College of Medicine, 1995-Present

Director of Medical Education, Driscoll Children’s Hospital, 1992-1996

President, Driscoll Physician’s Services, Driscoll Children’s Hospital, 1992-1996

Clinical Professor of Pediatrics, University of Oklahoma College of Medicine, Tulsa, Oklahoma, 1991-1992
Clinical Associate Professor of Pediatrics, University of Oklahoma, Tulsa Medical College, Tulsa, Oklahoma, 1986-1991

Clinical Assistant Professor of Pediatrics, University of Oklahoma, Tulsa Medical College, Tulsa, Oklahoma, 1980-1986

Associate Medical Director, Pediatric Intensive Care, St. Francis Hospital, 1982-1988

**International Health Initiatives**

Created humanitarian health care and health education to aid the international community as well as educational opportunities for residents and medical students.

- China 1995 - 2008
- Mexico 1998 - 2008
- Africa 2005 - 2008

Facilitated a collaboration between the Texas A&M HSC COM and the Bush School of International Business to create a 12-hour undergraduate certificate program in International Health for medical students.

**Community Health**

Co-founded a coalition of community based health care professionals, educators, business leaders, city / county / state law makers and involved citizens to create health awareness and opportunities to improve health within the central Texas community.

**Undergraduate medical education faculty advisor**

Texas A&M HSC College of Medicine 1997-2009

**Driscoll Children’s Hospital Committees** 1992-1996

Children’s Resource and Development Institute

Standing Committees

Medical Executive
Joint Conference
Governing Board
Executive Staff
Residency Advisory Committee
Continuing Medical Education

**S&W Hospital & Clinic/Health Plan/Med School Committees**

**Committee Chair:**
Education Advisory Committee, S & W Hospital & Clinic
CCH Steering Committee, S & W Hospital & Clinic
Children’s Hospital Executive Committee, The Children’s Hospital at Scott & White
Dean’s Committee on Curriculum, TAMU HSC COM
Scientific Review Committee, Phoenix Children’s Hospital

Committee Member:
Government Affairs Committee, S & W Hospital & Clinic
Education Advisory Council Committee, S&W Hospital & Clinic
Leadership Council, S & W Hospital & Clinic
Medical Staff Executive Committee, S & W Hospital & Clinic
Department Chairman Executive Council, S & W Hospital & Clinic
CMN Allocation Committee, S & W Hospital & Clinic
Pediatric Executive Committee, S & W Hospital & Clinic
S & W Academic Chairs Committee, S & W Hospital & Clinic
Tem-Bel Health and Wellness Coalition, Scott & White

TAMU HSC COM
Executive Dean’s Committee, TAMU HSC COM
Dean’s Committee on Curriculum, TAMU HSC COM
Dean’s Committee on Evaluation of Endowed Chairs, Professorships and Department Head Review, TAMU HSC COM
Academic Council Committee, TAMU HSC COM
TAMU Curriculum Committee, TAMU HSC COM
Strategic Planning Committee, TAMU HSC COM
White Centennial Chair Committee, TAMU HSC COM

Department of Pediatrics
PICU Committee, Scott & White
NICU Committee, Scott & White
Pharmacy & Therapeutics Committee, Scott & White
CHC Steering Committee, Scott & White
Pediatric Diabetes Team Committee, Department of Pediatrics
Research and Education Oversight Committee, Department of Pediatrics
Pediatric Budget/Finance Committee, Department of Pediatrics
Pediatric Education Council, Department of Pediatrics
Pediatric Resident Council, Department of Pediatrics
Pediatric Quality Assurance Committee, Department of Pediatrics

Search Committees
Chair, Emergency Medicine, Scott and White Clinic / TAMU HSC COM
Division Director, Adult Endocrinology, Scott and White Clinic
Dean’s Search Committee, TAMU HSC COM
Associate Dean’s Search Committee, Scott and White Clinic / TAMU HSC COM
Senior Associate Dean’s Search Committee, TAMU HSC COM
Chief Medical Officer, Scott and White Clinic and Hospital

Phoenix Children’s Hospital Committees
Feb 1, 2009 - Aug, 2011 Member Department of Medicine Committee
Mar 1, 2009 - Aug, 2011  Member  Scientific Review Committee Phoenix Children’s Hospital Phoenix, AZ

Aug – Nov, 2009  Chair  PCH Search Committee Director of Medical Education

Mar 1, 2009 – Aug, 2011  Member  Graduate Medical Education Committee Phoenix Children’s Hospital Phoenix, AZ

Professional Committee Participation

2009 – 2011  Member  U.S. News and World Report Endocrine Subcommittee

2010 – Present  Member  American Academy of Pediatrics Obesity Registry Subcommittee

Cook Children’s Hospital Committees
Research Oversight Committee
CCMC Health Plan Quality Committee

Society and Organizations
Bell County Medical Society
Texas Pediatric Society
Texas Medical Association
American Academy of Pediatrics
American Medical Association
American Diabetes Association
American Association of Clinical Endocrinologists
ADA Camping and Youth Services Committee
Association of Medical School Pediatric Department Chairman
European Society of Pediatric Endocrinologist
Human Growth Foundation
Lawson Wilkins Endocrine Society
National Lipid Association
Northeastern Oklahoma Pediatric Society
Oklahoma Medical Society
Oklahoma Endocrine Society
Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas
Southern Society of Pediatric Research
Tulsa Medical Society
Community Advisory Board for Temple Junior League
Temple Independent School District Advisory Board Committee
Southern Medical Association
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<th>Honors and Awards</th>
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<tr>
<td>Alpha Omega Alpha</td>
<td>1974</td>
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<td>Alpha Epsilon Delta</td>
<td>1970 - 1974</td>
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<tr>
<td>Charlotte S. Lebron Memorial Trust Fund Award</td>
<td>1985</td>
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<tr>
<td>Robert K. Endres Award, Oklahoma Affiliate, ADA</td>
<td>1986</td>
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<tr>
<td>National American Diabetes Association’s Award for Outstanding Contributions to Diabetes in Youth</td>
<td>1990</td>
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<td>Distinguished Service, Chair of the American Diabetes Association</td>
<td>1993 - 1995</td>
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<td>Advertising Review Panel</td>
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<tr>
<td>Teaching Award – Pediatric Residents Driscoll Children’s Hospital</td>
<td>1994</td>
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<tr>
<td>Robitussin®, Dimetapp® and Wyeth Pediatrics Miracle Maker Award</td>
<td>1995</td>
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<tr>
<td>The Best Doctors in America – Central Region</td>
<td>1996-2008</td>
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<tr>
<td>Faculty Teaching Award – Texas A&amp;M HSC College of Medicine</td>
<td>2002-2003</td>
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<tr>
<td>The Junior League of Bell County, Texas, Inc., Community Partner Award</td>
<td>2002</td>
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<td>Texas A&amp;M University Health Science Center, Teaching Award</td>
<td>2002</td>
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<tr>
<td>Honorary Chair, 2004 CMN Telethon</td>
<td>2004</td>
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<td>“Super Doctors”, The Children’s Hospital at Scott &amp; White</td>
<td>2008</td>
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<td>Best Doctors in America – Southwest Region</td>
<td>2009 - 2010</td>
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<td>Diplomate, American Lipid Board of Lipidology</td>
<td>05/2009</td>
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<tr>
<td>University of Arizona College of Medicine.1st Place Award - Research Excellence Day</td>
<td>2010</td>
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<tr>
<td>University of Arizona College of Medicine.2nd Place Award - Research Excellence Day</td>
<td>2010</td>
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<tr>
<td>Endowed Chair – Cardiovascular Health and Risk Prevention</td>
<td>2014</td>
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<tr>
<td>Distinguished Physician – Cook Children’s Physician Network</td>
<td>2013</td>
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<tr>
<td>Faculty Honor Roll - The Osler Institute</td>
<td>04/2014</td>
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<td>First Place - Young Investigator Competition. NLA. Faculty Advisor.</td>
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<tr>
<td>Arizona (#41325)</td>
<td>12/19/2008 to 10/18/2011</td>
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<td>Texas Board of Medical Examiners (E5988)</td>
<td>06/15/1976 to 11/30/2012</td>
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<td>Oklahoma Board of Medical Examiners (#12667)</td>
<td>1980 - expired</td>
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<tr>
<td>Mississippi Board of Medical Examiners (#7075)</td>
<td>1974 - expired</td>
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<td>Arkansas Board of Medical Examiners</td>
<td>1991</td>
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<td>American Board of Pediatrics (written exam)</td>
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<td>American Board of Pediatrics (oral exam)</td>
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<td>American Board Pediatric Endocrinology</td>
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<td>American Board of Clinical Lipidology</td>
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<td>CITI Basic Course</td>
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<td>CITI Refresher Course</td>
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<td>CITI Refresher Course</td>
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<tr>
<td>CITI Refresher Course</td>
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Publications


68. Terry A. Jacobson, MD; Matthew K. Ito, PharmD; Kevin C. Maki, PhD; Carl E. Orringer, MD; Harold E. Bays, MD; Peter H. Jones, MD; James M. McKenney, PharmD; Scott M. Grundy, MD, PhD; Edward A. Gill, MD; Robert A. Wild, MD, PhD; Don P. Wilson, MD; W. Virgil Brown, MD. National Lipid Association Recommendations for Patient-Centered Management of Dyslipidemia: Part 2 – Full Report. Journal of Clinical Lipidology. Journal of Clinical Lipidology (2015) 9, S1–S122.


71. Alejandro De La Torre, MD and Don P. Wilson, MD, FNLA, Piers R Blackett MD, and Catherine J McNeal, M.D., PhD. Cardiovascular Disease Risk in Youth with Metabolic Syndrome. Lipid Spin. Fall, 2015.


83. Knoelle Park, MS-2, Jan D. Marshall, MS, Miranda Loh, MS-4, Michael Willcutts, MD and **Don P. Wilson, MD.** Severe Insulin Resistance and Recurrent Pancreatitis in an 18 year old with Alström Syndrome. Journal of Rare Disorders, Vol. 4, Issue 1, 2016

84. Swami Sundaresan, MS, Devona Martin, MD and **Don P. Wilson, MD.** Recurrent Hyponatremia in a 16 Year Old Female with Acute Intermittent Porphyria. J of Rare Diseases.

85. **Don P. Wilson, MD,** Alejandro de la Torre, MD, and Ariel Brautbar, MD. "Screening for Genetic Mutations in Children and Adolescents with Dyslipidemia: Importance of Early Identification and Implications of Missed Diagnoses". Expert Opinion on Orphan Drugs. Volume 4, 2016 - Issue 7
Abstracts


62. Adrenoleukodystrophy. Cora Hizon, M.D., Saunber M. Bernes, M.D., **Don P. Wilson,** M.D. University of Arizona College of Medicine. 2nd Place Award - Research Excellence Day.


64. Awareness of cardiovascular risk factors by pediatric health care providers. Sonali Belapukar, M.D. and **Don P. Wilson, M.D.** European Society of Pediatric Endocrinology, 49th Annual Meeting, September 2010, Prague, Czech Republic.

65. Osteopetrosrickets. Sonali Belapukar, M.D. and **Don P. Wilson, M.D.** University of Arizona College of Medicine. 1st Place Award - Research Excellence Day.


73. Primary Pigmented Nodular Adrenal Disease – An Usual Cause of Cushing’s Syndrome. Sameer Prakash, MS-2, Nicole Maxie, MS-3, Melanie Russ, RN, James Friedman, M.D., James P Miller, M.D. and Don P. Wilson, M.D., FNLA. Presented at the Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA) annual scientific meeting. January 24-25, 2015. Dallas Texas.
74. Pediatric Cardiovascular Screening. Margaret Mou, MS-4 and **Don Wilson, M.D., FNLA**. Presented at the Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA) annual scientific meeting. January 24-25, 2015. Dallas Texas.

75. Readmission rates for DKA. Peter Deleeuw, MS-2, Paul Thornton, M.D., Susan Hsieh, M.D., Jose Gonzalez, M.D. and **Don Wilson, M.D., FNLA**. Presented at the Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA) annual scientific meeting. January 24-25, 2015. Dallas Texas.


82. Primary Pigmented Nodular Adrenal Disease – An Usual Cause of Cushing’s Syndrome. Sameer Prakash, MS-2, Nicole Maxie, MS-3, Melanie Russ, RN, James Friedman, M.D., James P Miller, M.D. and **Don P. Wilson, M.D., FNLA**. Research Appreciation Day. University of North Texas Health Sciences Center. April, 17th, 2015. Fort Worth Texas.

83. Pediatric Cardiovascular Screening. Margaret Mou, MS-4 and **Don Wilson, M.D., FNLA**.
84. Readmission rates for DKA. Peter Deleeuw, MS-2, Paul Thornton, M.D., Susan Hsieh, M.D., Jose Gonzalez, M.D. and Don Wilson, M.D., FNLA. Research Appreciation Day. University of North Texas Health Sciences Center. April 17th, 2015. Fort Worth Texas.


91. Two Siblings with Rare Lipid Disorder Complicated by Arrhythmias. Mir Ali, MS, Alejandro De La Torre, MD, Ariel Brautbar, MD, Luke Hamilton, MS, and Don Wilson, MD. Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA) Annual Scientific Meeting. January 22-24, 2016. Fort Worth, Texas


93. Use of Pamidronate in Subcutaneous Fat Necrosis-Associated Hypercalcemia. E. Bowden, MPH, M. Drake, MS, J. Radack, MD, R. Hamilton, M.D., L. Hamilton, MS, S.
Sharatz, M.D. and D. Wilson, MD. Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA) Annual Scientific Meeting. January 22-24, 2016. Fort Worth, Texas


95. Mucolipidosis Type II (I-Cell disease). H. Dehbozorgi, BS, A. Brautbar, MD, L. Hamilton, MS and D. Wilson, MD. Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA) Annual Scientific Meeting. January 22-24, 2016. Fort Worth, Texas

96. HbA1c vs FPG and 2-Hour OGTT Glucose in Identifying Dysglycemia in Obese Youth. Ngan Kim Huynh, Alejandro DeLaTorre, MD, Luke Hamilton, MS and Don Wilson, MD. Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA) Annual Scientific Meeting. January 22-24, 2016. Fort Worth, Texas


State/ National Committee Publications

AZAAP White Paper: Recommendations for childhood obesity prevention, assessment, and treatment. Renee Bartos, M.D., M.P.H., Chair, Don P. Wilson, M.D., Pediatric Endocrinologist, Phoenix Children's Hospital--Expert panel member.

AAP Primary Care Obesity Registry: A path to improved outcomes for children, adolescents, and young adults. Don P. Wilson, M.D., Pediatric Endocrinology and Diabetes, Phoenix Children's Hospital. National Committee Member

Book Chapters


Managing Pediatric Dyslipidemia. AAP Common Cardiac Issues in Pediatrics. Samuel S. Gidding MD and Don P. Wilson MD., FNLA

Book Reviews

Wilson, D. The Sun, the Rain, and the Insulin: Growing up with Diabetes. Diabetes Spectrum, Volume 9, Number 3, 1996.

Wilson, D. Pediatric Obesity. Michael Freemark, M.D., Editor.

Enduring Material

Pediatric Dyslipidemia - Guidelines and Controversies. 06/12/2015. Chicago Illinois.

A 3-Year-Old with Severe Hypercholesterolemia. Rare Disease Report, an online news service for physicians. Saturday, 06/13/2015. Chicago Illinois
http://www.raredr.com/conferences/nla2015/3-Year-Old-Severe-Hypercholesterolemia

Familial Chylomicronemia Syndrome. Rare Disease Report, an online news service for physicians. Saturday, 06/13/2015. Chicago Illinois
http://www.raredr.com/conferences/nla2015/3-Year-Old-Severe-Hypercholesterolemia

Spotlight on hypercholesterolemia: New Ways to Test and Treat. Healio.com Cardiology Today Educational Lab. August 2015. Los Angeles, California

Lipid Disorders in Children. Human Growth Foundation. hgfounds.org/

**On-line CME Professional Education:**


**Guest Editor**

EndoText. Diagnosis and Treatment of Lipid Disorders in Children and Adolescents. Don P. Wilson, M.D., Editor

1. Introduction - Is Atherosclerosis a Childhood Disease? Don P. Wilson, MD
2. Genetics and Dyslipidemia. Zahid Ahmad, MD, Don P. Wilson MD
3. Lifestyle Modification. Lauren Williams, RD and Don P. Wilson, MD
4. Lysosomal Acid Lipase Deficiency. Nirav K. Desai, MD, Don P. Wilson, MD
5. Sitosterolemia. Ann Liebeskin, MD, Don P. Wilson, MD
6. Cerebrotendinous Xanthomatosis. Don P. Wilson, MD
7. Congenital Hypertriglyceridermia. Amy Shaw MD, Don P. Wilson, MD
8. Acquired Hypertriglyceridermia. Piers Blackett MD, Don P. Wilson, MD, Catherine McNeal, MD, PhD

**Professional Journals**

**Editorial Boards**

- Diabetes Forecast - National Diabetes Association 1990-1993
- Journal of Clinical Lipidology – Associate Editor 2008-present
- Journal of Pediatrics
- Pediatrics

**Reviewer**

Diabetes Metabolism Research and Reviews
Journal of Clinical Lipidology
The Journal of Pediatrics
Pediatrics
Clinical Endocrinology

**Research Mentoring**

1. **University of North Texas, Fort Worth, Texas**

   2013
   Margaret Mou, University of North Texas

   2014
   Nicole Maxie, University of North Texas
   Jennigale Webb, University of North Texas
   Knoelle Park, University of North Texas
   Nayana Baby, University of North Texas
   Amol Patel, University of North Texas
   Peter Deleeuw, University of North Texas

   2015
   Luke Cielonko, University of North Texas
   Mir Ali, University of North Texas
   John Choi, University of North Texas
   Daryl McKee, University of North Texas
   Ngan Kim Huynh, University of North Texas
   Kari Galipp, MS, University of North Texas

   2016
   Jenna Walls, University of North Texas
   Reema Patel, University of North Texas
   Sam Ahn, University of North Texas
   Todd Jarvis, University of North Texas

2. **University of Texas, Houston, Texas**

   2014
   Swaminathan Sundaresan, University of Texas

3. **Baylor/Texas A&M University, Dallas, Texas**

   2014
   Emily C. Bowden, Baylor/Texas A&M

4. **University of North Texas – Research Scholar’s Program**

   2014-2015
   Peter Deleeuw, University of North Texas

   2015-2016
   Todd Jarvis, University of North Texas

**Grants**

1. **Wilson, DP** - Principle Investigator 1993
Corpus Christi Independent School District. Feasibility of School Health Screening. $10,000.

2. **Wilson, DP** – Co-Investigator 1994 – 1999
   Genentech National Cooperative Growth Study Post Marketing Surveillance Program for Protropin. $1,200.

3. **Wilson, DP** - Principle Investigator 1999
   Use of School Screening in the Evaluation of Childhood Growth. CareMark. $2,115

4. **Wilson, DP** - Principle Investigator 1999
   Growth and Growth Disorders. Genetech Nursing Grant. $50,000.

5. **Wilson, DP** - Co-Investigator 1999 – 2005
   The aim of this multicenter study is to assess the long-term safety and growth response of children treated with Genotropin and to establish a database suitable for investigation of questions that remain unanswered in this therapeutic area. Pharmacia Pharmacy, Inc. Kabi International Growth Study

   The Effects of Lipid Lowering Therapy on Endothelial Dysfunction in Children with Hypercholesterolemia. The aim of this resident research study was to evaluate the efficacy of Simvastatin in children with hypercholesterolemia and to evaluate the ability of high resolution arterial ultrasound to detect changes in endothelial dependent vasodilatation in response to treatment and placebo. Scott & White Research Foundation. $33,229

7. **Wilson, DP** - Principle Investigator 1999 - 2005
   KIGS: KABI International Growth Study, Protocol Number: 870545, Pharmacia Pharmacy, Inc.,

8. **Wilson, DP** - Principle Investigator 2001 - 2005
   Genentech National Cooperative Growth Study (NCGS) Post Marketing Surveillance Program for Nutropin Depot [Somatropin (rDNA Origin) for Injectable Suspension], Nutropin AQ [Somatropin (rDNA Origin) for Injection], Nutropin [Somatropin (rDNA Origin)],[Somatrem for Injection] $14,750 Genentech, Inc.

   The goal of this multicenter research is to evaluate the efficacy and safety of growth hormone therapy in a variety of pediatric patients who have growth failure due to a lack of adequate endogenous growth hormone secretion or function.

9. **Wilson, DP** - Co-Investigator 2002 - 2005
   Basal/Bolus Therapy with InsulinAspart (Novolog) versus Regular Human Insulin (Novolin R) or Insulin Lispro (Humalog) in Combination with NPH: An Open Label, Randomized, Parallel Group, Multicenter Study in Children and Adolescents with Type 1 Diabetes. $3,000 Novo Nordisk Pharm.,

10. **Wilson, DP** - Co-Investigator 2002 - 2005
Patient Registry to Study the Safety, Management and Treatment of GH Deficiency Utilizing Geref®/Saizen®. Sereno. The purpose of this multicenter research study is to learn more about the treatment and management of growth hormone deficiency.

11. **Wilson, DP** - Co-Investigator  
   2003 – 2005  
   The Efficacy of Statin Therapy of Vascular Function in Children with Hypercholesterolemia, $85,000.

12. **Wilson, DP** - Co-Investigator  
   2003 - 2007  
   The Efficacy of Statin Therapy on Vascular Function in Children with Hypercholesterolemia. The purpose of this grant is to evaluate markers of vascular function before and after statin therapy as a means of diagnosing preclinical atherosclerosis in hypercholesterolemic youth. $250,000 American Heart Association, Scientist Development Grant.

13. **Wilson, D.P.** - Co-Investigator  
   2004 - 2005  
   Pediatric Obesity Prevention Protocol: “Assessment of Food Preparation in Texas Public Schools and their Nutritional Value”. Texas Depart of Agriculture. $26,963

14. **Wilson, DP** - Principle Investigator  
   2004-2005  
   Computer-Assisted Health-Related Quality of Life Assessment in Pediatric Endocrinology. To adapt and field test the PedsQL as a computer-assisted health-related quality of life instrument in pediatric endocrinology. $40,000.

15. **Wilson, DP** – Co-Investigator  
   2004 – 2005  
   Improved Detection and Treatment of Preclinical Cardiovascular Disease in Youth  
   This grant further augments our AHA study, allowing us to add Dr. Zheng as the project biostatistician. School of Rural Public Health, Texas A&M University System Health Science Center

16. **Wilson, DP** - Principle Investigator  
   2004 - 2005  
   Prospective Study of Serial Echocardiograms in Normal Health Children Ages 2 to 14 Years Inclusive. $86,269 ID Biomedical of Washington

17. **Wilson, D.P.** - Co-Investigator  
   2005 - 2008  

18. **Wilson, DP** - Principle Investigator  
    2005 – 2008  
    Liposorber Patient Registry. $1,200.

19. **Don P. Wilson, M.D.** - Principle Investigator  
    2005-2008  
    20. Health & Literacy in Child & Adult Assessment. National Institutes of Health, $1,102,500 (five years).

21. **Tala Dajani, M.D., MPH** Principle-Investigator  
    **Wilson, DP** - Co-Investigator  
    2008 – 2009  
    SR-PIMA Grant - Lipid Clinic  
    $ 250,000
22. **Wilson, DP** - Co-Investigator
   Athena Health - AZ “Way to Go”  
   2009 – 2010  
   $ 18,000

23. Sonali Belapurkar, M.D. Principle-Investigator
   **Wilson, DP** - Co-Investigator
   Phoenix Children’s Hospital - Vitamin D and Insulin Resistance  
   2009 – 2010  
   $ 30,000

24. **Wilson, DP** - Principle-Investigator
   Kieckhefer Foundation Grant - Core CV Risk Lab  
   2009 – 2010  
   $ 100,000

25. **Wilson, DP** - Principle-Investigator
   SR-PIMA Grant - Lipid Clinic  
   2009 – 2010  
   $ 250,000

26. **Wilson, DP** - Co-Investigator
   SR-PIMA Grant - Lipid Clinic  
   2009 – 2010  
   $ 250,000

27. **Wilson, DP** - Principle-Investigator
   SR-PIMA Grant - Lipid Clinic  
   2010– 2011  
   $ 250,000

**Invited Presentations**

Nayana Baby, MS-2, John Dallas, MD and Don P. Wilson, MD. Iodine: A Catalyst for Transient Congenital Hypothyroidism. The Pediatric Endocrine Society of Texas, Oklahoma, Louisiana and Arkansas (PESTOLA) annual scientific meeting. January 24, 2015. Dallas Texas.


Growth and Growth Disorders
Hyper and Hypothyroidism
Diabetes mellitus, Obesity, Hypercholesterolemia and Hypoglycemia
Delayed and Precocious Puberty
Hyper and Hypocalcemia
Hyper- and Hypercortisolism

Spotlight on Hypercholesterolemia: New Ways to Test and Treat.
Case presentation: 18-year-old Male with Hypercholesterolemia and Metabolic Syndrome
Lysosomal Acid Lipase Deficiency: Under Recognition and Emerging Therapy
Interactive lecture and professional CME series presented in:
New York, NY – Saturday, April 25, 2015
Atlanta, GA – Saturday, May 30, 2015
Chicago, IL – Saturday, June 6, 2015
Los Angeles, CA – Saturday, June 20, 2015
Detroit, MI – Saturday, June 27, 2015

Young Investigator Competition. National Lipid Association’s Annual Scientific Meeting. Chicago, Illinois. 1st Place. 2015 Young Investigator Competition. A 3-Year-Old with Severe Hypercholesterolemia. Amol Patel, MS-2, Alejandro de la Torre, M.D., Ariel Brautbar, M.D. and Don P. Wilson, M.D., FNLA.

Growth and Growth Disorders
Hyper and Hypothyroidism
Diabetes mellitus, Obesity, Hypercholesterolemia and Hypoglycemia
Delayed and Precocious Puberty
Hyper and Hypocalcemia
Hyper- and Hypercortisolism

Lipid Disorders in Children. Endocrine for Pediatric Primary Care Conference. Cook Children’s Medical Center. Fort Worth, Texas. September, 19, 2015.

Lipid Panel Discussion. Endocrine for Pediatric Primary Care Conference. Cook Children’s Medical Center. Fort Worth, Texas. September, 19, 2015.

Use of a Single Tubeless Insulin Pump Protocol for Glycemic Control in Hospitalized Children and Adolescents with T1D.
Dallas, Texas. 9/11/2015
San Antonio, Texas. 10/16/2015
Tampa, Florida. 11/05/2015
Jackson, Mississippi. 12/02/2015
Billings, Montana (PodCast). 12/10/2015

Lysosomal acid lipase deficiency-Genetics and Pathophysiology. Alexion Advisory Board Meeting. St Louis, Missouri. 11/7/2015.

Don P. Wilson, MD, FNLA. Screening in Children and Young Adults Age 20–35: Where are We Going? National Lipid Association’s Spring Clinical Lipid Update. Friday, February 24, 2017. Phoenix, Arizona.

CURRICULUM VITAE

Thomas Yorio, Ph.D., FARVO
University of North Texas Health Science Center
3500 Camp Bowie Boulevard
Fort Worth, Texas 76107

Telephone Office: (817) 735-0268
Residence: (817) 295-6244

EDUCATION

B.S. (Biology/Chemistry) Herbert H. Lehman College, New York, 1971

Ph.D. (Biomedical Sciences-Pharmacology) CUNY Graduate School
Mt. Sinai School of Medicine, New York, 1975

PROFESSIONAL EXPERIENCE

2016 – Present Provost Emeritus and
Professor, North Texas Eye Research Institute
UNT Health Science Center at Fort Worth

2008 - 2016 Provost and Executive Vice President for Academic Affairs
UNT Health Science Center at Fort Worth

2012- 2013 Interim Dean, School of Health Professions, UNTHSC

2007- 2008 Executive Vice President for Academic Affairs and Research
UNT Health Science Center at Fort Worth

2007 Interim Dean, School of Public Health, UNT Health Science Center

2005 - 2007 Senior Vice President for Research
UNT Health Science Center at Fort Worth

2005 -2015 Adjunct Professor, Dept. Chemistry, College of Science and Engineering,
Texas Christian University

1992 - 2007 Founding Dean
Graduate School of Biomedical Sciences
Chair, Department of Biomedical Sciences and
Professor (Tenured), Department of Pharmacology and Neuroscience
UNT Health Science Center at Fort Worth

1991 - 1996 Professor and Vice-Chair (Tenured)
Department of Pharmacology and
Associate Research Director, North Texas Eye Research Institute
UNT Health Science Center, Texas College of Osteopathic Medicine and
Department of Biological Sciences, University of North Texas

1982 - 1991 Associate Professor (Tenured) - (Vice Chair)
Department of Pharmacology  
Texas College of Osteopathic Medicine and  
Department of Biological Sciences, University of North Texas

1977-1982 Assistant Professor - Department of Pharmacology  
Texas College of Osteopathic Medicine and  
Department of Biological Sciences, North Texas State University

1975-1977 NSF Postdoctoral Fellow - Department of Ophthalmology and Pharmacology  
Mount Sinai School of Medicine, New York

HONORS AND AWARDS

1977 National Kidney Foundation Fellowship  
1975 - 1977 National Science Foundation Postdoctoral Fellow  
1975 Association for Research in Vision and Ophthalmology Travel Fellowship  
1974, 1976 CUNY - Travel Award  
1971 - 1975 Mount Sinai Graduate School Fellowship  
1995, 1997 Outstanding Graduate Faculty Award - UNTHSC  
1995 - 2003, 2006 NIH-NEI Visual A Sciences Study Section  
1996 Edward E. Elko Award for Distinguished Service  
1998 Louisa Burns Memorial Lecturer-AOA Research Conference, New Orleans, LA  
1999, 2001 - 2006 NIH Small Business Innovative Research Study Section  
2000 Graduate School Received "Role Model Institution" Designated from Minority Access, Inc., a NIH Initiative  
2001 Graduate School Received "NSF Presidential Award for Science Mentoring"  
2003 Appointed to NEI Glaucoma Panel to set NEI Five-Year Research Plan  
2005 Vice President, Association for Research in Vision and Ophthalmology  
2006 Distinguished Service Award, Association for Research in Vision and Ophthalmology  
2009 Fellow of the Association in Research in Vision and Ophthalmology (FARVO) – Gold Recipient  
2012 Distinguished Scientist Award, Society for Experimental Biology and Medicine  
2012-2015 Vice President, Association for Ocular Pharmacology and Therapeutics  
2013 TCOM Founders Medal – UNTHSC  
2014 Ernst H. Bárány Prize, International Society for Eye Research (ISER)  
2015 - Present President, Association for Ocular Pharmacology and Therapeutics (AOPT)  
2015 – Present Editor-in-Chief, Investigative Ophthalmology and Visual Science (IOVS)

PROFESSIONAL SOCIETIES

1976 - 1987 New York Academy of Sciences  
1988 - 1992 International Society on Hypertension in Blacks  
1977 - 1991 Texas Pharmacologist Society  
1979 - 1983 Membrane Transport Club of New York  
1987 - Present Society for Experimental Biology and Medicine  
1982 - Present American Society for Pharmacology and Experimental Therapeutics  
1977 - Present Association for Research in Vision and Ophthalmology  
1979 - 1999 American Heart Association Kidney in Cardiovascular Diseases Council Member  
1983 - 1999 European Membrane Club  
1982 - 1995 Western Pharmacologist Society  
1976 - 2012 American Association for the Advancement of Science  
1991 - Present International Society for Eye Research  
1994 - Present Association for Ocular Pharmacology and Therapeutics  
2003 - 2010 European Association for Vision and Eye Research

GRADUATE STUDENT SUPERVISION (Major Professor)

1980 - 1983 Nimman Tarapoom, M.S., North Texas State University
Present Position: Senior Technician, UT Health Science Center – Southwestern
1981 - 1983 Pat Benoit, M.S., Texas Woman's University
Present Position: Science Associate, Pfizer, Groton, CN
1983 - 1985 George Deloach, D.O./M.S., TCOM and North Texas State University
Present Position: D.O. Practice
1983 - 1985 Sally Skewis, Ph.D., North Texas State University
Present Position: Psychologist, Private Practice, Reno, NV
1986 - 1991 Ray Page, D.O./Ph.D., TCOM and UNT,
Present Position: President and CEO, Center for Cancer and Blood Disorders, Ft. Worth, TX
1989 - 1992 Annta Verstappen, Ph.D., UNT
Present Position: Director, Clinical Research Management, UNTHSC, TX
1991 - 1994 Guo-Ton Xu, M.D./Ph.D., UNTHSC
Present Position: Deputy Dean, Tongi University School of Medicine China
1991 - 1994 Julie Crider, Ph.D., UNTHSC
Present Position: Research Scientist, Alcon Laboratories, Inc., Ft. Worth, TX
1992 - 1994 Pamler Thompson (Ph.D. Candidate, on leave)
1992 - 1996 Karen White, Ph.D., UNTHSC
Present Position: Consultant, MedTrials, Inc., Dallas, TX
1993 - 1996 Nicole Baxter (M.S. Candidate, Incomplete)
1993 - 2000 Debbie Shade, Ph.D., UNTHSC
Present Position: Senior Research Scientist, Alcon Laboratories, Inc., Ft. Worth, TX
1997 – 1999 Alvin Finkle, M.S., UNTHSC
Present Position: Toxicologist, Dallas County Medical Examiner’s Office
1998 – 2002 Martha Stokely, Ph.D., UNTHSC
Present Position: Associate Professor, Xavier University School of Medicine, Aruba
1998 – 2003 Santosh Narayan, Ph.D., UNTHSC
Present Position: Research Scientist, Sloan Kettering Institute, N.Y.
1999 – 2000 Huiling Zhang (Ph.D. Candidate, transferred to MPH program)
2000 – 2003 Xinyu Zhang, Ph.D., UNTHSC
Present Position: Project Manager, Alcon Research Ltd., Fort Worth, TX
2001 – 2005 Rachel Dauphin, Ph.D. (deceased)
2001 – 2003 Devashish Desai (M.S. Ph.D. student University of Virginia)
2002 – 2004 Tiffany Ferrell (M.S. Incomplete)
2003 – 2006 Shaoqing He, Ph.D. UNTHSC
Present Position: Research Assistant Professor, UNTHSC, TX
2005 – 2007 Ming Yang, Ph.D. Texas Christian University, returned to China Faculty Member
2006 – 2008 Ming Jiang, MS, Research Associate, UNTHSC, NTERI
2007 – 2011 Donald Daudt, Ph.D. Teva Pharmaceuticals, Dallas Texas
2009 – 2014 Brett Mueller, DO/PhD, Ophthalmology Residency, University of Louisville, Kentucky
2009 – 2015 Yong Park, Ph.D. (Cullen Eye Institute Baylor College of Medicine/Clayton Foundation for Research, Huston TX)
2010 – 2013 Bridget Moty (Ph.D. Candidate, transferred to MS program)

GRADUATE STUDENT ADVISORY COMMITTEES

Master Degree: Diana Kung - Biochemistry (M.S. 1980)
Christina Fingal - Microbiology (M.S. 1984)
Barry Gilmore - Microbiology (M.S. 1984)
Janet Mattern - Pharmacology (M.S. 1985)
Jack Maxwell - Physiology (M.S. 1984)
Tung Tran - Pharmacology (M.S. 1989)
Daniel Tse - Anatomy and Cell Biology (M.S. 1990)
Wei Lin Fan - Anatomy and Cell Biology (M.S. 1993)
Hai-Quing Chen - Anatomy and Cell Biology (M.S. 1993)
Penny Chen - Pharmacology (M.S. 1993)  
Zaira Mateo - Physiology (M.S. 1994)  
Juan Wang - Pharmacology (M.S. 1997)  
Mingjun Fang - Pharmacology (M.S. 1997)  
Kristi Henderson - Biochemistry (M.S. Candidate)  
Pam Gill - Biomedical Sciences/Microbiology (M.S. 2001)  
Srinivas R. Gottipati - Cell Biology & Genetics (M.S. Candidate)  

Ph.D. Degree:  
Carol Lee - Anatomy and Cell Biology (Ph.D. 1990)  
Jerry Carney - NTSU - Toxicology/Biology (Ph.D. 1987)  
Jeffrey Doddo, M.D. - UNT - Biology/Physiology (Ph.D. 1990)  
Mike Chen - UNT - Biology/Pharmacology (Ph.D. 1993)  
Scott Stoll - UNT - Biology/Physiology (D.O./Ph.D. 1992)  
Larry Kirshner - UNT - Biology/Microbiology (Ph.D. 1992)  
Rachel Peltier - Biomedical Sciences/Pharmacology (Ph.D. 1996)  
Lee Tai - UNT - Biology/Biochemistry (Ph.D. 1992)  
Kerry Markwardt - Biology/Pharmacology (Ph.D. 1996)  
Song-Jung Kim - Biology/Physiology (Ph.D. 1995)  
Kristin Bryant - Biomedical Sciences/Physiology (Ph.D. 1997)  
Doug Lytle - Biomedical Sciences/Pharmacology (Ph.D. 1995)  
Leslie Napier - Biomedical Sciences/Physiology (Ph.D. 1997)  
Rusty Reeves - Biomedical Sciences/Anatomy (Ph.D. 1997)  
Joe DeFaller - Biomedical Sciences/Pharmacology (Ph.D. 1996)  
Robby Dickerman - Biomedical Sciences (D.O./Ph.D. 1998)  
Robert Carter III - Biomedical Sciences (Ph.D. 2001)  
Matthew Crawford - Biomedical Sciences/Anatomy (D.O./Ph.D. 2000)  
Mohammad Dibas - Biomedical Sciences/Pharmacology (Ph.D. 2001)  
Eve Ettinger - Biomedical Sciences/Biochemistry (Ph.D. 2004)  
Keith Jackson - Biomedical Sciences/Integrative Physiology (Ph.D. 2001)  
Jami Kern - Biomedical Sciences/Biochemistry (Ph.D. 2003)  
Scott Krueger - Biomedical Sciences/Anatomy (Ph.D. 2002)  
Wendy Lambert - Biomedical Sciences/Anatomy (Ph.D. 2002)  
Steffini Stalos - Biomedical Sciences/Pharmacology (Ph.D. Candidate/entered medical school)  
Nasreen Jacobson - Biomedical Sciences/Pharmacology (Ph.D. student)  
Xiaochun Liu - Biomedical Sciences/Anatomy (Ph.D. 2003)  
Paramita Das - Biomedical Sciences/Pharmacology (Ph.D. 2003)  
Vinay Parameswara - Biomedical Sciences/Biochemistry (Ph.D. 2003)  
Debleena Sinha - Biomedical Sciences/Biochemistry (Ph.D. student)  

POSTDOCTORAL ASSOCIATES and Visiting Professors  
1982 - 1992  
Abdul J. Mia, Ph.D., Professor and Chair, Department of Biology, Jarvis Christian College (Retired)  
1986  
Sharon Braunagel, Ph.D.,  
1988 - 1994  
Ying Jin, M.D., Ph.D.,  
1987 - 1989  
Sue Buttar, Ph.D., Professor of Biology, Texas College, Hawkins, TX  
1992 - 1993  
Shun Matsumoto, M.D., Professor, Department of Ophthalmology, University of Tokyo Branch Hospital  
1995 - 1999  
Adnan Dibas, Ph.D.  
1996 - 2000  
Ganesh Prasanna, Ph.D.  
1996 - 1997  
Wenhong Tao, M.D., Ph.D.  
1999 - 2001  
Raghu Krishnamoorthy, Ph.D.  
2002 - 2003  
Martha Stokely, Ph.D.  
2003 - 2004  
Santosh Narayan, Ph.D.  
2003 - 2006  
Xinyu Zhang, Ph.D.  
2007 - 2008  
Vidhya Rao, Ph.D.  

SERVICE ACTIVITIES
University of North Texas Health Science Center

1989 - 1995  Chair, Patent and Copyright Committee
1992 - 2005  Mission Review Committee
1995 - 2016  Scholarly Misconduct Committee
1992 - 1994  Chair, Self-Study Biomedical Science Committee
1993 - 2001  Health Science Center Planning Council
            Co-Chair Subcommittee on Education (2000)
            Subcommittee on Institutional Facilities Planning (2000)
            Subcommittee on Research (2000)
1993 - 2000  Vision Task Force
1999        Dean's Budget Committee
1993 - 1997  Academic and Finance Administrative Group
1998 - 2005  Academic Scheduling Committee
1993 - 2007  Basic Science Chairs Committee (Chair, 2000-2007)
1993 - 2000  Combined Chairs Committee
1993 - 2003  Chancellor's Staff Committee
1993 - 1994  Search Committee for VP of Administrative Affairs
1998        Search Committee for Assistant Dean of Enrollment Services
1999        Search Committee for President of the Health Science Center
1994 - 1995  Southern Association of Colleges and School Self Study Committee
1996        President's Retreat - Student Life Committee
1996        AOA Self Study Steering Committee
            Subcommittee on Faculty
1996        Chair, Post-Tenure Review Task Force
1997 - 2001  Health Education Coordinating Committee
2001 - 2006  Academic Administration Council
1998 - 2000  SACS Accreditation
            Steering Committee
            Educational Committee for Graduate Education (Chair)
            Distance Education Committee (Chair)
            Institutional Purpose Committee
1998 - 2000  Year 2000 Project Committee
1998 - 2016  Emergency Operation Center Member
1998 - 1999  Welch Chair Steering Committee
1999 - 2000  Founders' Medal Committee
1999 - 2002  Distance Learning Task Force
1998 - 1999  Microcomputer Task Force - Platform Evaluation Co-Chair
1999 - 2001  Chair, Tying Resources to Institutional Priorities, Strategic Direction Team
1999 - 2012  McNair Executive Committee
1998 - 2005  Co-Chair, Dual Degree Committee
1998 - 2007  Co-Chair, Dual Program Admissions Committee
2000 - 2006  Telecommunications Infrastructure Board of Texas Advisory Group
2000 - 2006  President's Action Committee (PAC)
2001 - 2016  Institutional Space Committee (Chair)
2001 - 2016  President's Executive Committee
2005 - 2016  Research Advisory Council (Ex-Officio)
2006 - 2012  President's Thinking Council on Research and also in Administration
2006 - 2012  President's Thinking Council on Academic Affairs and also in Community Engagement
2007        Search Committee for Dean School of Public Health
2008 - 2016  Capital Projects Planning Committee
2008 - 2016  Council of Deans (Chair)
2008 – 2016  President's Cabinet
2012 – 2016  Council on Educational Support (Chair)
**Professional Organizations Administration:**

- Association for Research in Vision and Ophthalmology (ARVO)
  - ARVO Board of Trustee (2000 - 2005) (Vice President - 2005)
  - Finance Committee (Chair 2004 -2006), Long-Range Planning Committee,
  - Publications Committee, Diversity Committee
- Program Planning Committee (1992 - 1994) (Chair 1994)
- Chair Search Committee for new Editor of IOVS (2005)
- American Heart Association - Science Network (1991 - Present)
- Secretary/Treasurer for Southwest Society for Experimental Biology and Medicine (1993 - 1995)
- Health Sciences Section Organizer - Council of Graduate Schools (1997 - 2002)
- NAEVR/AEVR Board Member and Treasurer (2015 – Present)
- Association for Ocular Pharmacology and Therapeutics – President (2015 – Present)

**Review Manuscripts for:**

- Journal of Ocular Pharmacology and Therapeutics
- American Journal of Physiology
- Experimental Eye Research
- Experimental Biology and Medicine
- European Journal of Pharmaceutical Sciences
- Investigative Ophthalmology and Visual Science
- Current Eye Research
- Journal of Membrane Biology
- Journal of Neuropharmacology
- British Journal of Ophthalmology
- Progress in Retinal Eye Research
- European Journal of Pharmacology
- Archives of Ophthalmology

**Ad hoc Grant Reviewer for:**

- Veterans Administration
- National Science Foundation
- Oklahoma State Research Grants Program
- Research Management Group – Philip Morris External Research Program
- UTMB-NIEHS Seed Grant Program

**Editorial Board:**

- Associate Editor, Investigative Ophthalmology and Visual Science (2007 - Present)
- Associate Editor, Experimental Biology and Medicine (1992 - 2002)
- Editorial Board, World Ophthalmology Journal (2012 - Present)

**Consulted for:**

- Alcon Laboratories, Inc., Fort Worth, TX
- Mary Kay Cosmetics, Inc., Dallas, TX
- DuPont, Wilmington, DE
- Farmos Group, LTD., Finland
- Novartis, Switzerland
- Western University, Oakland CA
- Touro University, Valerjo CA and Las Vegas Nevada

**Grant Review Committee:**
American Heart Association, Texas Affiliate
  Central Research Review Committee (1991 - 1996)
National Institutes of Health - National Eye Institute
  Regular Member - Visual Science A Study Section (1996 - 2000)
NIH IMST 15 Review Panel (2012-2014)
National Heart and Lung Blood Institute – Training Grant Reviewer (2008-2012)
NIH Challenge Grant Reviewer (2009)
Department of Defense – Vision Grant Reviewer (2009 –2013)
NIH NIHMD MHIRT Study Section (2013 – 2014)
NIH NIAID CTSA Study Section (2013)

GRANTS AND CONTRACTS FUNDED

Continuous funding from various sources since 1977, including the NIH-NIAMDD; NHLBI; NEI; Department of Defense; National Kidney Foundation; American Heart Association, National and Texas Affiliate; American Osteopathic Association; Various Pharmaceutical Industries, Texas Higher Education Board - Advanced Research Program.

RECENT FUNDING

National Institute of Health - National Heart, Lung, and Blood Institute (10% Effort)
5 R25 HL007786-22
06-01-93 to 04-30-18
$153,101 (Current Year)
**PI:** T. Yorio; Co-**PI:** J. Vishwanatha
"Summer Multicultural Advanced Research Training"

National Institutes of Health- National Eye Institute (20% Effort)
5 R01 EY016242-08
09-30-05 to 08-31-17
$3,805,532
**MPI:** T. Yorio and A. Clark
"Glucocorticoids, Ocular Hypertension and Glaucoma"

Department of Defense
W81XWH-10-2-0003
02-01-2010 to 5-31-16
$5,600,000
**PI:** T. Yorio; Co-**PI:** A. Clark
"VISION"

National Institutes of Health – National Institute of General Medical Sciences (20% Effort)
5 R25 GM064365-08
01-01-02 to 1-31-15
$516,726 (Year)
**PI:** T. Yorio
"MBRS IMSD Program at UNTHSC"

Patents:
US.5304569 (1994) with Orion Corporation Farmos, Finland
Imidazole Derivatives as Antiglaucoma Drugs.
2 patents pending
### PAST TEACHING EXPERIENCE

**Medical:**
- Medical Pharmacology 513 & 514
  - (12-17 hrs. lecture, 10-12 hrs. lab/conference)
  - (Have also lectured in Medical Physiology 502)
- 8 credit hours

**Graduate:**
- Principles of Pharmacology - PHRM 5030
  - (Taught 80%) of the course
  - 3 credit hours
- Ocular Pharmacology - BIOL 6010
  - (Course Director - lecture 10 hrs.)
  - 3 credit hours
- Second Messengers & Signal Transduction – BIOL 6910
  - (Taught entire course)
  - 3 credit hours
- Membrane Transport Phenomena – BIOL 6910
  - (Taught entire course)
  - 3 credit hours
- Ocular Biology – BIOL 5960
  - (11 hrs. lecture)
  - 3 credit hours
- Integrative Biomedical Sciences I & II – BMSC 5600 & 5700
  - (Course Director and Lecturer – 1998)
  - 13 credit hours
- Receptor Mechanisms of Drug Action – BIOL 6080
  - (2 hrs. lecture)
  - 3 credit hours
- Biomedical Ethics – BMSC 5960
  - (Course Director and Lecturer) (Through 2007 and 2017 to present)
  - 1 credit hour
  - (annually)
- Scientific Communications – BMSC 5010
  - (Course Director and Lecturer) (Through 2007)
  - 3 credit hours
  - (each semester)

**Undergraduate:**
- Biological Basis of Drug Action – BIOL 4250
  - (2-6 hrs. lecture) (Through 2000)
  - 3 credit hours
  - (annually)

### INVITED SEMINARS

**Within U.S.A.**

- 1978 Invited participant at the International Amiloride Symposium at Merck Sharpe and Dohme, Pennsylvania
- 1978 "Role of prostaglandins in the negative feedback control of the antidiuretic hormone response"
  - Membrane Transport Club of New York, NYU Medical Center, New York
- 1979 "Calcium and prostaglandins as modulators of the hydro-osmotic response to vasopressin"
  - Department of Biochemistry, North Texas State University, Denton, Texas
- 1980 "Isolation of calmodulin from toad urinary bladder"
  - Membrane Transport Club of New York, NYU Medical Center, New York
- 1980 "Prostaglandins: Their Clinical Significance"
  - Presented to physicians and residents at East Town Osteopathic Hospital as part of a CME course.
  - Dallas, Texas (Sponsored by UpJohn)

1980  "Role of calcium in the actions of antidiuretic hormone"
      Presented to the Department of Physiology, Mt. Sinai School of Medicine, New York, N.Y.

1981  "Controlling mechanisms in the stimulus-reabsorption coupling process of antidiuretic hormone"
      Special TCOM Faculty Seminar, Fort Worth, Texas

1982  "Controlling mechanisms in the stimulus-reabsorption coupling process of antidiuretic hormone"
      Department of Pharmacology, Texas A&M Medical School, College Station, Texas

1982  "Role of calcium and phospholipids in the stimulus-reabsorption coupling response of antidiuretic hormone"
      Department of Pharmacology and Therapeutics, Loyola University Strich School of Medicine, Chicago, Illinois

1983  "Role of second messengers in hormone action"
      Bishop College, Dallas, Texas

1983  "Workshop for Health Professionals: Premenstrual Syndrome and Menstrual Distress"
      Dallas, Texas

1984  "Role of phospholipids and protein kinase C in the actions of antidiuretic hormone"
      Department of Physiology, TCOM, Fort Worth, Texas

1984  "Regulators in the actions of antidiuretic hormone"
      Department of Biological Sciences, NTSU, Denton, Texas

1984  "Mechanisms of hormone action"
      Department of Life Sciences, Bishop College, Texas

1984  "Dysmenorrhea Workshop: History, Physiology, Assessment, Pharmacology and Behavioral Intervention"
      Society for Behavioral Medicine, Philadelphia, Pennsylvania

1985  "Regulators in the action of antidiuretic hormone"
      Department of Biology, New Mexico State University, Las Cruces, New Mexico

1985  Invited speaker at the "Ocular Pharmacology Symposium"
      Topic: "Phospholipid Turnover and the Actions of Antiglaucoma Agents"
      Texas Pharmacologist Society Meeting, College Station, Texas

1986  "Mechanisms involved in hormone-receptor interactions"
      Department of Life Science, Bishop College, Dallas, Texas

1986  "Phospholipids and the mechanism of action of antidiuretic hormone"
      Department of Pharmacology, Texas A&M University School of Medicine, College Station, Texas

1986  "Significance of lipids in ion and fluid transport"
      Department of Pharmacology, TCOM, Fort Worth, Texas

1986  "Physiology of the Eye"
      Department of Life Science, Bishop College, Dallas, Texas

1986  "Role of lipids in ion and fluid transport processes"
      Department of Biology, Texas Woman's University, Denton, Texas

1987  "Cellular mechanisms in the actions of antiglaucoma drugs"
      Department of Pharmacology, TCOM, Fort Worth, Texas
1987  "Cellular mechanisms in the actions of antiglaucoma drugs"
       DuPont Critical Care, Inc., Waukegan, Illinois

1988  "Effect of hormones on cell communication and function"
       Department of Life Science, Bishop College, Dallas, Texas

1988  "Contribution of the vasopressin V1-receptor to its hydro-osmotic response"
       Department of Pharmacology, University of Houston, Houston, Texas

1988  "Prostaglandins and Leukotrienes: A Clinical Update"
       Department of Anesthesiology, TCOM, Fort Worth, Texas

1988  Organized and Chaired Symposium on "Receptors and Signal Transduction" for the 1988 Southwest Society
       for Experimental Biology and Medicine Meeting
       Baylor College of Dentistry, Dallas, Texas

1988  "Vasopressin V1-V2 Receptor-Second Messenger Interactions in Renal Epithelia"
       Symposium on "Receptors and Signal Transduction"
       Baylor College of Dentistry, Dallas, Texas

1988  "Vasopressin Receptors in Renal Epithelia"
       Department of Pharmacology, TCOM, Fort Worth, Texas

1989  "Contribution of the Vasopressin V1 Receptor to its Antidiuretic Response"
       Department of Physiology, TCOM, Fort Worth, Texas

1989  "Eicosanoid Regulation of Hydrogen Ion Excretion in Renal Epithelia"
       Department of Physiology and Endocrinology, Department of Cell and Molecular Biology
       Medical College of Georgia, Atlanta, Georgia

1989  "Cellular Mechanisms in the Actions of Hormones"
       Department of Biology, Paul Quinn College, Waco, Texas

1990  Invited speaker at the "Signal Transduction and Second Messenger Symposium"
       Topic: "Vasopressin Receptor Interactions in Renal Epithelia"
       Texas Pharmacologist Society Meeting, San Antonio, Texas

1990  Invited speaker at the "Comparative Physiology of Eicosanoids Symposium"
       Topic: "Prostaglandin Regulation of H+ Excretion in Amphibians"
       at the 1990 FASEB Meeting, Washington, D.C.

1990  Invited panelist speaker at the NAFEO-Department of Defense Meeting in Washington, D.C.
       Topic: "Partnership Agreements with HBCUs and MRIs"

1990  "Introduction to Ocular Pharmacology and the Ocular Hypotensive Effects of DuP 753, a Non-peptide
       Angiotensin II Antagonist"
       DuPont de Nemours, Inc., Wilmington, Delaware

1990  "Introduction to Membrane Transport"
       Department of Biology, Paul Quinn College, Waco, Texas
       as part of Minority High School Student Summer Program

1990  "Mechanism of the Ocular Hypotensive Actions of α-Agonists"
       Allergan, Irvine, California

1992  "Inositol Tetrakisphosphate as a Calcium Mobilizer: Fact or Fiction"
       Baylor College of Dentistry, Dallas, Texas
1992  "Drugs and Human Health"
Department of Biology, Texas Christian University, Fort Worth, Texas

1992  "Introduction to Pharmacology"
Department of Biology, Paul Quinn College, Dallas, Texas

1992  "Cellular Mechanisms in the Ocular Hypotensive Actions of \( \alpha \)-Agonists"
Department of Physiology, Texas College of Osteopathic Medicine

1992  "Phospholipids and Electrolyte Transport"
Southwest Society for Experimental Biology and Medicine, Dallas, Texas

1992  "Science Learning and Investigational Center for Kids (SLICK)"
National Association of Science Teachers, Fort Worth, Texas

1993  Organized and Hosted the Annual Southwest Society for Experimental Biology and Medicine Meeting held at the UNT Health Science Center, Fort Worth, Texas

1995  Organized and Hosted the Annual Southwest Society for Experimental Biology and Medicine Meeting held at the UNT Health Science Center, Fort Worth, Texas


2002  Led Workshop on Reviewing Finance for AOA Accreditation Site Visits, Chicago, Illinois

2003  Presented Workshop on "Writing Winning Grants"
Touro University, Valverjo, California

2003  "Writing Winning Grants"
AOA Research Conference, New Orleans, Louisiana

2003  "Writing Winning Grants"
Western University, Oakland, California

2007  "Glucocorticoid Ocular Hypertension: Beyond GR alpha"
Pfizer Global Research, LaJolla, CA

2009  "Glaucoma – More than meets the Eye"
Touro College of Osteopathic Medicine, Las Vegas NV

2009  Lasker/IRRF Initiative for Innovation in Vision Science
"Endothelin Astrocyte Interactions: The Good and the Bad"
Woods Hole, MA

2012  "Role of GRbeta in Glucocorticoid-induced ocular hypertension"
Trabecular Meshwork Club, San Francisco, CA

2015  "Role of GRbeta in Glucocorticoid-induced ocular hypertension"
UT Southwestern Medical School, Dept. of Ophthalmology, Dallas, TX

2016  "Sigma-1 Receptor mediated Neuroprotection"
John R. Lynn MD Lectureship in Ophthalmology, UT Southwestern Medical School, Dallas, TX

*International*
1983  “Role of Phospholipids in Transepithelial Sodium Transport: Effects of U18666A.”
       1983 Winter Prostaglandin Conference, Keystone, Colorado

1983  “Alteration in membrane permeability by Amphotericin B. pH effects.”
       At joint meeting of Western Pharmacology Society, Texas Pharmacologists and the Association Mexicana de
       Farmacologia, Puerto Vallarta, MEXICO

1983  Chaired session on toxicology First Joint Meeting of Western Pharmacology Society, Texas Pharmacologists
       and the Association Mexicana de Farmacologia, Puerto Vallarta, MEXICO

1983  “Effects of presynaptically acting drugs on aqueous humor dynamics and intraocular pressure.”
       Western Pharmacology Society, Texas Pharmacologists and the Association Mexicana de Farmacologia,
       Puerto Vallarta, MEXICO

1983  “Role of Eicosanoids in Transepithelial Sodium Transport.”
       NATO Advanced Research Workshop on Eicosanoids and Ion Transport, Paris, FRANCE

1984  “Prostaglandins and Epithelial Transport”
       Winter Prostaglandin Conference, Keystone, Colorado

1985  “Effect of Eicosanoids on Transepithelial Water Flow”
       Winter Prostaglandin Conference, Keystone, Colorado

1986  “Membrane Lipids and their significance for ion and fluid transport.”
       European Society for Comparative Physiology and Biochemistry. International Symposia
       on Comparative Physiology of Environmental Adaptations, Strasbourg, FRANCE

1987  “Prostaglandins and Epithelial Cell Morphology”
       Winter Prostaglandin Conference, Orlando, Florida

1988  “Sorbinil Reverses the Hypergalactosemic-Induced Inhibition of Prostaglandin Synthesis in Cultured Bovine
       Lens Epithelial Cells”
       1988 Winter Prostaglandin Conference, Keystone, Colorado

1988  “Contribution of the Vasopressin V1 Receptor to its Hydro-osmotic Response”
       Colloque on Cellular Mechanism of Action of Antidiuretic Hormone and Cellular Transepithelial Water
       Transport, Paris, FRANCE

1989  “Prostaglandins as Regulators of Intracellular pH”
       1989 Winter Prostaglandin Conference, Keystone, Colorado

1990  “Mechanism of the Ocular Hypotensive Actions of Alpha2-Agonists”
       Farmos Group, LTD., Inc., Helsink, FINLAND

1992  “Calcium Signaling in the Anterior Segment of the Eye”
       International Congress of Eye Research, Stresa, ITALY (Special Symposium)

1993  “Characterization of α2-Receptors in Rabbit Ciliary Process”
       International Meeting on Ocular Pharmacology, Novi, Michigan

1993  Chaired and organized session on Glaucoma Therapy
       International Meeting on Ocular Pharmacology, Novi, Michigan

1994  Chaired Program Planning Committee of ARVO and Co-Organized Minisymposium on
       “Identification of Receptors Using Pharmacological and Molecular Techniques”
       Fort Lauderdale, FL
1994  Co-Chaired and organized “Signal Transduction Pathways”
       International Congress of Eye Research, New Delhi, INDIA

1994  “Characterization of “α₂-adrenergic receptor subtypes in ciliary process”
       International Congress of Eye Research, New Delhi, INDIA

1996  International Meeting on Endothelin Inhibitors, Coronado, California

1996  Chaired and organized "Receptor-Second Messenger Symposium"
       International Congress of Eye Research, Yokahama, JAPAN

1996  “Alpha Receptors: Cellular Mechanisms and Intraocular Pressure”
       Cellular Control of Aqueous Production Symposium,
       International Congress of Eye Research, Yokahama, JAPAN

1996  “Characterization of Endothelin Receptors and Second Messenger Responses in Ciliary Muscle”
       Endothelin and Neuropeptides Symposium
       International Congress of Eye Research, Yokahama, JAPAN

1997  “Evidence of basolateral water permeability regulation in amphibian bladders”
       International Symposium Molecular Physiology of Water Transport, Paris, FRANCE

1997  “Phosphatidylinositol 3-Kinase involvement in vasopressin-induced water transport in toad urinary bladders”
       International Symposium on Molecular Physiology of Water Transport, Paris, FRANCE

1998  Chaired and organized symposium on “Ocular Active Peptides”
       International Congress of Eye Research, Paris, FRANCE

1998  “Ocular Endothelins: Source and Functions”
       Ocular Active Peptides Symposium
       International Congress of Eye Research, Paris, FRANCE

1999  “Regulation and Expression of Ocular Endothelin and its Receptors: Role in Aqueous Humor Dynamics”
       Molecular Biology of the Eye Symposium, Keystone, CO

2000  “Autonomic neurotransmitter effects on ocular endothelin actions”
       Third International Symposium on Ocular Pharmacology and Pharmaceutics, Lisbon, PORTUGAL

2000  “Role of Nitric Oxide in the regulation of Na’/K’-ATPase activity by endothelin in human nonpigmented epithelial cells (HNPE)”
       XIV International Congress of Eye Research, Santa Fe, NM

2002  “Glucocorticoid and Endothelin Interactions in the Anterior Segment”
       XV International Congress of Eye Research, Geneva, SWITZERLAND

2003  “More to ET than Meets the Eye”
       Association of Ocular Pharmacology and Therapeutics, Kona, Hawaii

2003  “More to ET than Meets the Eye”
       Association for Research in Vision and Ophthalmology (ARVO), Ft. Lauderdale, FL

2003  “Crosstalk Role of Endothelin” in symposium on “Ins and Outs of Aqueous Humor”
       European Association for Vision and Eye Research (EVER), Alicante, SPAIN


2006  “Optic nerve astrocytes: A model for cell signaling and drug targets for glaucoma”, International Society of Ocular Pharmacology and Therapeutics conference in Berlin, Germany


2007  “Glucocorticoid Receptors, Immunophilins and Glucocorticoid Responsiveness in Glaucoma” ARVO Ocular Cell & Molecular Biology Conference, Sarasota, FL

2007  “Role of the Endothelin B Receptor in Retinal Ganglion Cell Death in Glaucoma” Tenth International Conference on Endothelin (ET-10), Bergamo Italy

2008  “Sigma Receptors and Neuroprotection” International Society of Pharmacology and Therapeutics, Budapest, Hungary

2008  “Invited Panelist ARVO/Pfizer Symposia on “Nanoparticles and Drug Delivery”, Ft. Lauderdale FL

2008  “Sigma Receptors and Neuroprotection” International Congress of Eye Research, Beijing, China

2010  “Role of Astrocytes in Retinal Diseases” Symposia Orginizer, International Congress of Eye Research, Montreal, Canada

2011  Organized and hosted the Association of Ocular Pharmacology and Therapeutics (AOPT) Meeting in Fort Worth Texas

2012  “Neuroprotective Strategies in the Treatment of Glaucoma”, 99th India Scientific Congress, Bhubaneswar, India

2012  Role of GRβ in Steroid Responsiveness and Glaucoma”, India Eye Institute, Bhubaneswar, India

2013  Sigma-1 Receptor-Mediated Neuroprotection of RGCs, AOPT Meeting Alicante, Spain

2014  “Glucocorticoid Receptors and Ocular Hypertension: A Question of Balance”, Ernst Barany Prize lecture, ISER Biennial Meeting, San Francisco, CA


BOOKS and BOOK Chapters


ABSTRACTS
MORE THAN 260

*NOTE: Abstracts (not listed) represent presentations at either FASEB (Exp. Biol.), ARVO, AOPT, ISOPT, ISER, ASPET, EMSA, Cell Biol. or other Research Conferences.
Richard Ashley Young, M.D.
Dept. Family Medicine
John Peter Smith Hospital
1500 S. Main
Fort Worth, TX 76104
(817) 927-1241
e-mail: ryoung01@jpshealth.net

Current Professional Position

Director of Research, Director of Recruiting, & Associate Program Director
JPS Family Medicine Residency Program

Hospital Appointments

John Peter Smith Hospital, Fort Worth, 1990 to present
Forest Park Medical Center, Frisco, Dallas, Fort Worth, and Southlake 2012-present
Cozby-Germany Hospital, Grand Saline, Texas 1991 – 1994
East Texas Medical Center, Pittsburg, Texas 1992 – 1995
Wylie General Hospital, Wylie, Texas 1992 – 1994
Harris Methodist Northwest Hospital, Azle, Texas 1992 - 1995
All Saints Cityview Hospital, Fort Worth, Texas 1993 –1995
Saint Joseph’s Hospital, Fort Worth, Texas 1993 - 1995
Plaza Medical Center Hospital, Fort Worth, Texas 1995 – 2001

Education

1986 – 1990  M.D. University of Texas Health Science Center – San Antonio
1990 – 1991  Internship, Family Practice, John Peter Smith Hospital, Fort Worth
1991 – 1993  Residency, Family Practice, John Peter Smith Hospital, Fort Worth
1993 – 1994  Fellowship, Faculty Development, Faculty Development Center, Waco, Texas
2005 – 2006  Fellow of the Grant Generating Project, University of Missouri, Columbia, Missouri

Licensure

Texas State Medical Board, H9587
Certified by the American Board of Family Medicine
Initial Certification 1993, recertified 2007

Professional Memberships
American Academy of Family Physicians
Texas Academy of Family Physicians
Tarrant County Academy of Family Physicians
Society of Teachers of Family Medicine
North American Primary Care Research Group

Professional Service

Board of Directors, or Alternate, Texas Academy of Family Physicians 2000-2013
Chair, Commission on Health Care Services and Managed Care, TAFP 2008-9
Commission on Health Care Services and Managed Care, TAFP 2002-present
Liaison Committee with Managed Care, TAFP 2007-2012
Fort Worth ISD School Health Advisory Committee 2008-present
CMS Contractor Advisory Committee, 2010-2016
Communications Committee, NAPCRG 2010-present
Scientific Advisory Board, Primary Care Research Institute, 2008-2011
Board of Directors, NorTex PBRN, 2008-2011
Advisory Board, Community-wide Children’s Health Assessment & Planning Survey, 2009-2010
Tarrant County Ethics Consortium, 1995-2002
CMS Innovation Advisor Program, 2012
Medical Management Committee, Cook Children’s Health Plan, 2015-present
President, Tarrant County Academy of Family Physicians, 2017
Alternate delegate, Texas Higher Education Coordinating Board, 2017
U.S. Co-Chair, Cost Analysis Workgroup, of the Committee for the Advancement of the Science of Family Medicine, 2015-present

Editorial Activities

Reviewer for the Journal of Health Care for the Poor and Underserved
Reviewer for the North American Primary Care Research Group
Reviewer for Medical Care

Honors

Society of Teachers of Family Medicine award for best paper of 2016.

Research and Grant Activity

Comfort with uncertainty in medical students and family medicine residents. $7,500 awarded by the TAFP Foundation, April 2017.

WE HAIL geriatric training grant. $2.5 million. HRSA. July 2015.

Complexity of the care family physicians provide. $4,900 awarded by the TAFP Foundation, April 2015.

Services provided in rural hospitals. $5,000 awarded by the TAFP Foundation, March 2013.
CMS Innovation Advisors Program. $20,000 awarded by Center for Medicare and Medicaid Services, January 2012.

Low back pain and national ambulatory care survey, Co-Investigator, $825,000 awarded to RRNeT by HRSA.

Family medicine efficiencies, Co-Investigator, $5,000 awarded to RRNeT by the TAFP Foundation.

Low back pain. Co-Investigator, $5,000 awarded to RRNeT by the TAFP Foundation.

Longitudinal study of chronic low back pain. Co-investigator, $42,000 awarded to RRNeT by the UTHSC-San Antonio CTSA office, September 2009.

NorTex PBRN needs assessment study. Co-investigator, $100,000 awarded by Pfizer to the NorTex PBRN, September 2008.

Riboflavin vs. placebo for migraine headache prophylaxis. $5000.00 awarded by the AAFP Foundation Research Stimulation grant program and $5000 awarded by the JPS Surgery Research fund, March 2007.

Childhood obesity impact project at Mitchell Boulevard Elementary. Co-PI. $400,000 awarded by the United Way of Tarrant County, July 2006.

Relationship between residency training features, current job characteristics, and current job satisfaction in family physicians. $5000.00 awarded by the TAFP foundation, May 2005.

Research by family medicine faculty: an assessment of the output of research training fellowships, current research, and grant production and barriers to research and grants. $2036.04 awarded by the AAFP foundation, and $2035.04 by the TAFP foundation, March 2004.

**Peer Reviewed Presentations**


Pinto A, Young RA. Economic Evaluation Methods for Primary Care Research and Practice Improvement. NAPCRG, Cancun, Mexico, Oct 2015.

Young RA, Zuniga C. ICU Services Provided in Rural U.S. Hospitals. NAPCRG, Cancun, Mexico, Oct 2015.


Young RA, Casey, D, Singer D. Medical Student Interest in the JPS P4 Curricular Innovation of Flexible Longitudinal Tracks. STFM Annual Meeting, Orlando, FL, April 2015.


Webb AR, Baumer JG, Young RA. How to Deal with Medical Uncertainty in the Biopsychosocial Model: The Educator’s Challenge. The 34th Forum for Behavioral Science in Family Medicine. Chicago, IL, September 2013.


Young RA. Developing a Fairer Payment System: Perspectives of Family Physicians. JPS Research Day June 2012.

Douglass A, Young RA. Thrills, Spills, and Chills: Tips for transitioning to a 4-year family medicine residency. STFM, Seattle, April 2012.

Young RA, Benold T, Burge S, Bayles B. Family medicine's association with cost-effective care: a qualitative explanatory study from RRNeT with comparison to the join principles of the patient-centered medical home. JPS Research Day, June 2011 and NAPCRG, Banff, Canada Nov 2011.


Zeringue M, Young RA. A retrospective study of spinal cord stimulator efficacy at JPS for complex chronic pain syndromes. JPS Research Day, Fort Worth, April 2009.


Young RA, Baumer JG, DeHaven M. Predictors of Peer-Reviewed Publications Among Family Physician Residency Faculty. NAPCRG, Quebec City, Canada, October 2005.


**Peer Reviewed Poster Presentations**


Spero E, Young RA. Primary Care Clinic Visits for Knee Pain. JPS Research Day 2016.

Su S, Young RA, Sapkota S. Barriers to Prenatal Care in Refugee Women. JPS Research Day 2016.


Kester K, Young RA. Demographics of Rural Hospitals and Obstetric Care. NAPCRG, Cancun, Mexico, Oct 2015.

Zuniga C, Young RA. Provision of Critical Care by Family Physicians in Rural U.S. Hospitals. NAPCRG, Cancun, Mexico, Oct 2015.

Diaz A, Young RA. Rural Obstetrical Services in Mississippi Compared to Other States. JPS Research Day, Fort Worth, TX, June 2015.

Zuniga C, Young RA. Staffing of Rural ICUs in the United States. JPS Research Day, Fort Worth, TX, June 2015.


Kester K, Young RA. Demographics of Rural Hospitals and Obstetric Care. JPS Research Day, Fort Worth, TX, June 2015.


Young RA, Casey, D, Singer D. Residents’ Education Choices During the JPS Family Medicine Residency P4 Curricular Innovation. STFM Annual Meeting, Orlando, FL, April 2015.


Richardson M, Young RA, Hadley L. Adherence to Bisphosphonate Therapy for Osteoporosis. JPS Research Day, June 2013.


Moonat S, Young RA. Sodium bicarbonate or acetylcysteine for the prevention of contrast-induced nephropathy. AAFP Scientific Assembly, Boston, September 2009.


Moonat S, Young RA. Acetylcysteine and sodium bicarbonate to prevent contrast-induced nephropathy. JPS Research Day, Fort Worth, April 2009.


Craig S, Rudolph T, Young RA. Impact of heart catheterizations on the care of patients with myocardial infarctions. Presented at the TAFP Annual Scientific Session 2006.

Young RA, Webb A, Baumer JG. Physician satisfaction and residency training. Presented at the STFM annual meeting, April 2006, San Francisco, CA.

Shahid S, Young RA. Herbal Medicine Within the Latino Community of Fort Worth, Texas. Presented at the TAFP Annual Scientific Session 2005 and the AAFP Annual Scientific Session 2006.


Ye Y, Finklea D, Young RA. Patterns of Care of Resident Teaching Services and Hospitalists for COPD Patients. Presented at the TAFP Annual Scientific Session 2005 and the AAFP Annual Scientific Session 2006.


Young RA, Baumer JG, Smith KV, Passmore C, DeHaven MJ. Grant writing and research output by family physician residency faculty. 32nd Annual meeting of NAPCRG, Orlando, Fl 2004.

Young RA, Carter E. Integration of the quality improvement and research curricula at the John Peter Smith FMR. STFM Annual Session 2004.


Young RA, Buchanan RJ. Use of the protein/creatinine ratio of a single voided urine sample in the evaluation of preeclampsia. AAFP Annual Scientific Session 1994.

**Peer Reviewed Publications**


Young RA. Maternity care services provided by family physicians in rural hospitals. *JABFM* 2017;30(1):71-77.


Young RA. Bad Assumptions on Primary Care Quality. BMJ Qual Saf 2015;24:345.


Young RA. Health is primary: Getting closer, but not there yet [eletter]. *Ann Fam Med.* [http://annfammed.org/content/12/Suppl_1/S1/reply#annalsfn_el_28595](http://annfammed.org/content/12/Suppl_1/S1/reply#annalsfn_el_28595), 6 November 2014.

Young RA, Bayles B, Hill JH, Kumar KA, Burge S. Family Physicians’ Opinions on the Primary Care Documentation, Coding, and Billing System: A Qualitative Study From the Residency Research Network of Texas. *Fam Med* 2014;46(5):378-84.


Young RA, DeVoe JE. What could family income be if health insurance were more affordable? Family Medicine 2012;44:633-6.


Kimberly G. Fulda, Kristen A Hahn, Richard A Young, James D Marshall, Billy J Moore, Anna M Espinoza, Nicole M Beltran, Pam McFadden, Andrew D Crim, Roberto Cardarelli. Recruiting PBRN Physicians to be Research Participants: Lessons Learned from the NorTex Needs Assessment Study. JABFM 2011;24 610-615.


**Invited Presentations**


Young RA. Rural OB Coverage and Impact of Family Physicians. TCOM OB, rural, and family medicine interest groups. March 2015.


Young RA. Creating a Fairer Primary Care Payment System. Family Medicine Leaders in Large Multispecialty Groups conference. Grapevine, TX, Mar 2013.

Young RA. Creating a Fairer Primary Care Payment System. AAFP Commission on Practice and Quality. Kansas City, MO, Feb 2013.

Young RA. Creating a Fairer Primary Care Payment System. Center for Medicare and Medicaid Innovation Conference. Baltimore, MD, Sep 2012.


Young RA. The crisis of healthcare costs. Southside Fort Worth Rotary, June 2011.


Young RA. Cost-effectiveness of primary care—a journey outside the box. TAFP task force on pay-for-performance and Blue Cross/Blue Shield joint meeting. June 2005, Plano, TX.

Young RA, Baumer JG, Barber S, Smith KV. Results of the JPS FMRP alumni survey. Family Medicine Summit. Fort Worth, TX, April 9, 2005.


Caring for the uninsured of Tarrant County. Tarrant County Ethics Consortium 1997.


**Other Publications**

A better way to train family physicians. *Texas Family Physician* Summer 2015; 65(3)

A Texas Longhorn in the Queen's Surgery. *Texas Family Physician* Winter 2014; 65(1)

A better way to value family physicians' work. *Texas Family Physician* 2013; 64(4):36.

By choosing wisely, physicians can help address the unsustainable trajectory of health care costs. *Texas Family Physician*; Summer 2012; 63:38.


From NAPCRG to WHOPPER? Young RA; Annals of Family Medicine; 2011;9:376.

Demand a CRP test—everyone is doing it. *Texas Family Physician*, Winter 2009.

Bitter Medicine – Six unpleasant health-care issues that must be faced before overhauling the system. Fort Worth Star-Telegram, June 11, 2000


Response to “An open letter to your HMO.” Tarrant County Physician. December 1995

**Other Research**

Investigator, ALLHAT trial, 1997-2002.

**Website**

American HealthScare at www.healthscareonline.com

Revised 5/12/2017
Curriculum Vitae
Anthony Zepe, MD SFHM

CURRENT TITLE:
Palliative Care Physician
Hospitalist

BUSINESS ADDRESS
1500 South Main Street
Fort Worth, Texas 76104

Chronology of Education

UNDERGRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1997-2001</td>
<td>B.A. Philosophy, <em>(cum laude)</em></td>
<td>Azusa Pacific University, Azusa, CA</td>
</tr>
</tbody>
</table>

GRADUATE EDUCATION:

<table>
<thead>
<tr>
<th>Years</th>
<th>Degree(s)</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-2006</td>
<td>Doctor of Medicine</td>
<td>Tufts School of Medicine, Boston, MA</td>
</tr>
</tbody>
</table>

POSTGRADUATE TRAINING:

<table>
<thead>
<tr>
<th>Years</th>
<th>Training Level/Specialty</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-2009</td>
<td>Residency, Family Medicine</td>
<td>Ventura County Medical Center, Ventura, CA</td>
</tr>
<tr>
<td>2008-2009</td>
<td>Chief Residency, Family Medicine</td>
<td>Ventura County Medical Center, Ventura, CA</td>
</tr>
</tbody>
</table>
BOARD CERTIFICATION:

<table>
<thead>
<tr>
<th>Year Certified</th>
<th>Board</th>
<th>Specialty</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>ABFM</td>
<td>Family Medicine</td>
</tr>
</tbody>
</table>

LICENSURE:

<table>
<thead>
<tr>
<th>Year Granted</th>
<th>Agency/State and License #</th>
<th>Expiration/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2012</td>
<td>California Medical Board, California, A104319</td>
<td>Voluntarily relinquished 2012 since working in Texas only</td>
</tr>
<tr>
<td>2010-2019</td>
<td>Texas Medical Board, Texas, N7515</td>
<td>August 2019</td>
</tr>
</tbody>
</table>

Chronology of Employment

OTHER PROFESSIONAL EXPERIENCE:

<table>
<thead>
<tr>
<th>Years</th>
<th>Title(s)</th>
<th>Institution, City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-2010</td>
<td>Urgent Care Physician</td>
<td>Las Islas Urgent Care, Oxnard, CA</td>
</tr>
<tr>
<td>2009-2010</td>
<td>Family Physician</td>
<td>Loma Vista Family Practice, Ventura, CA</td>
</tr>
<tr>
<td>2010-2014</td>
<td>Hospitalist, Assistant Director of Hospitalist Services</td>
<td>JPS Physician Group, Fort Worth, TX</td>
</tr>
<tr>
<td>2014-2017</td>
<td>Hospitalist</td>
<td>Sound Physicians, Fort Worth, TX</td>
</tr>
<tr>
<td>2017-present</td>
<td>Palliative Care Physician, Teaching Hospitalist</td>
<td>Acclaim, Fort Worth, TX</td>
</tr>
<tr>
<td>2017-present</td>
<td>Assistant Director</td>
<td>Serenity Hospice, Fort Worth, TX</td>
</tr>
</tbody>
</table>

CURRENT TEACHING RESPONSIBILITIES:

<table>
<thead>
<tr>
<th>Years</th>
<th>Course/Site</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017-Present</td>
<td>Family Medicine Residency, John Peter Smith Hospital</td>
<td>Teaching Attending</td>
</tr>
</tbody>
</table>

Honors and Awards

<table>
<thead>
<tr>
<th>Years</th>
<th>Honor/Award Type</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>Fellow of Society of Hospital Medicine</td>
<td>Society of Hospital Medicine</td>
</tr>
<tr>
<td>2016</td>
<td>Senior Fellow of Society of Hospital</td>
<td>Society of Hospital Medicine</td>
</tr>
<tr>
<td>Years</td>
<td>Title/Role</td>
<td>Institution, City, State, Country</td>
</tr>
<tr>
<td>----------</td>
<td>------------------------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>2011-2014</td>
<td>Assistant Director of Hospitalist Services</td>
<td>JPS Physician Group, Fort Worth, TX, USA</td>
</tr>
</tbody>
</table>

**Professional & Scientific Committees**

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role</th>
<th>Institution, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-2009</td>
<td>Residency Selection Committee</td>
<td>Ventura County Medical Center, Ventura, CA, USA</td>
</tr>
<tr>
<td>2008-2008</td>
<td>Residency Director Search Committee</td>
<td></td>
</tr>
<tr>
<td>2008-2008</td>
<td>ICU Director Search Committee</td>
<td></td>
</tr>
<tr>
<td>2008-2009</td>
<td>Medical Record Committee</td>
<td></td>
</tr>
<tr>
<td>2008-2009</td>
<td>Performance Improvement Coordinating Council</td>
<td></td>
</tr>
<tr>
<td>2008-2009</td>
<td>Intensive Care Unit Committee</td>
<td></td>
</tr>
<tr>
<td>2008-2009</td>
<td>Trauma Committee</td>
<td></td>
</tr>
<tr>
<td>2008-2009</td>
<td>Medical Executive Committee</td>
<td></td>
</tr>
<tr>
<td>2011-present</td>
<td>Ethics Committee</td>
<td>John Peter Smith Hospital, Fort Worth, TX, USA</td>
</tr>
<tr>
<td>2011-2012</td>
<td>Throughput Committee</td>
<td></td>
</tr>
<tr>
<td>2012-2012</td>
<td>Performance Improvement Diabetes Medication Subcommittee</td>
<td></td>
</tr>
<tr>
<td>2012-2012</td>
<td>Heart Failure Clinic Development Committee</td>
<td></td>
</tr>
<tr>
<td>2012-2012</td>
<td>Performance Improvement Critical Lab Value Subcommittee</td>
<td></td>
</tr>
<tr>
<td>2012-2014</td>
<td>Physicians Champion Steering Committee</td>
<td></td>
</tr>
<tr>
<td>2012-2014</td>
<td>Interdisciplinary Review Committee</td>
<td></td>
</tr>
<tr>
<td>2012-2013</td>
<td>Medication Reconciliation Committee</td>
<td></td>
</tr>
<tr>
<td>2012-2013</td>
<td>Palliative Care Task Force</td>
<td></td>
</tr>
</tbody>
</table>
### PROFESSIONAL COMMUNITY ACTIVITIES

<table>
<thead>
<tr>
<th>Years</th>
<th>Title/Role,</th>
<th>Institution/Organization, City, State, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-present</td>
<td>Physician</td>
<td>Beautiful Feet Homeless Shelter, Fort Worth, TX USA</td>
</tr>
</tbody>
</table>

### TEACHING RESPONSIBILITIES/ASSIGNMENTS

**Students Supervised**

<table>
<thead>
<tr>
<th>Inclusive years</th>
<th>Student Name</th>
<th>Awards/Recognition</th>
<th>Where did student go after completing training with you?</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-2013</td>
<td>Whitney Villegas - nurse practitioner</td>
<td></td>
<td>Trauma nurse practitioner</td>
</tr>
<tr>
<td>2013-2013</td>
<td>Lesley O'Hara - nurse practitioner</td>
<td></td>
<td>Palliative care nurse practitioner</td>
</tr>
<tr>
<td>2014-2014</td>
<td>Carra Dedusevic - nurse practitioner</td>
<td></td>
<td>Family nurse practitioner</td>
</tr>
</tbody>
</table>
Appendix I:
Letters of Support from Peer Institutions and/or Area Employers
Letters will be inserted upon receipt and prior to submission to the THECB.