

2014



President's Report to Board of Regents



Tedd Mitchell, M.D.

**Texas Tech University Health
Sciences Center**

8/8/2014

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TTUHSC (Lubbock, Amarillo, Permian Basin, Abilene, Dallas, Austin)

TTUHSC Budget Plans Completed for FY 2015

Preparations have been underway over the past 3 months for the FY 2015 budget. Mr. Elmo Cavin, EVP Finance and Administration, has met with board members individually to discuss details of the budget.

TTUHSC Legislative Appropriations Request Completed for Upcoming 84th Session in 2015

Mr. Elmo Cavin, EVP Finance and Administration, has been working with all HSC Schools and Departments to complete LAR for upcoming session. Currently this includes a total of 4 Exceptional Item requests (3 + TRB debt service) and 3 Tuition Revenue Bond requests:

Texas Tech University Health Sciences Center Legislative Appropriations Request For the FY 2016-2017 Biennium

Exceptional Item Requests

Priority (FY 2016; FY 2017)

1. Interprofessional Healthcare Education Initiative (\$1,800,000; \$1,800,000)
2. Concho Valley AHEC (\$250,000; \$250,000)
3. Family Medicine Accelerated Track (\$725,000; \$725,000)
4. Tuition Revenue Bond Debt Service (\$8,674,864; \$8,674,864)

Tuition Revenue Bond Projects

Priority Project Cost

1. Lubbock Education Research and Technology Expansion (\$83,700,000)
2. Permian Basin Academic Facility (\$19,800,000)
3. Amarillo Panhandle Clinic/Hospital Simulation Center (\$9,750,000)

TTUHSC and TTUHSC El Paso Continue Plans for Independent Accreditation

Subcommittee meetings continue between the various “functionality” groups (i.e., IT, marketing/communications, business office entities, student services, etc.) in preparation for application of independent SACS-COC accreditation for HSC El Paso. Target for application submission – 2017.

TTUHSC Awareness Campaign Plans for 2014-2015

TTUHSC has developed plans for a yearlong “*Your Life, Our Purpose*” campaign to be co-led by our directors of communication/marketing and institutional advancement along with a steering committee made up of local community leaders with ties to TTUHSC. The campaign will focus primarily on the Lubbock community with a secondary focus on DFW, Houston, San Antonio and Austin areas. We will also include information for and about all TTUHSC campuses. The goal is to increase general awareness of the HSC, augment utilization of HSC services, increase involvement of HSC donors and build closer ties with HSC alumni.

VA Clinic (Lubbock Campus) Update

The House and Senate both passed the VA Conference Report. The bill authorizes 27 new VA medical facility leases (including Lubbock). The report authorizes \$8,554,000 for the Lubbock clinic, which includes the first year’s lease payment and funding for build out and equipment. The lease term is for 20 years.

The Amarillo VA has been in recent contact with the VA’s Office of Construction Management Services (VAOCMS) – reassessing lease request to see that their space needs are still accurate. Amarillo VA will request an expected timeline going forward at this meeting. We anticipate VAOCMS will perform a site visit to make certain the targeted site is acceptable for the new clinic. If so, endangered species and environmental studies must be conducted. Once completed, the VA will enter into a ground lease with TTUHSC for a period of at least 20 years.

The VA will then issue an RFP for a design firm to design the new clinic with TTUHSC input. The VA will then issue an RFP for a firm to finance and pay for the new facility. The VA will then enter into a 20 year lease with the contractor.

MommyMeds App: The Latest Diaper Bag Essential

TTUHSC launches affordable perinatal pharmacology solution for pregnant and breastfeeding women

The smartphone app was unveiled July 24 at the 2014 International Lactation Consultant Association Conference. It is a product of TTUHSC's InfantRisk Center, bringing mothers access to up-to-date information on medication and their safety during pregnancy and breastfeeding for \$1.99.

"This is a landmark day for the health and safety of women with infants, of all economic standing," said Dr. Thomas Hale, one of the world's leading experts in perinatal pharmacology and the Executive Director of the InfantRisk Center.

Hale, who serves as professor of pediatrics and associate dean of research at the TTUHSC SOM, has spent the past 25 years developing a database of the use of thousands of medications in pregnant and breastfeeding mothers. His reference text Medication and Mothers' Milk is considered the best source of scientific information for healthcare providers internationally.

TTUHSC Student Satisfaction Survey Reveals Positive Trends – Hard Work by Faculty and Staff is Paying Off

A historical analysis of student surveys over past 5 years (academic years 2009-10 through 2013-14) indicates that satisfaction in most areas of concern have improved over time - and no areas have declined

Since 2010, TTUHSC has placed an emphasis on improving communication and service to our students through a variety of mechanisms (SGA, Office of Student Services, IT, individual schools, etc.). These changes were in direct response to survey results indicating needed changes to enrich students' experiences in certain areas.

After four years of addressing problems noted by the students, our analysis of trends in the student survey indicates these efforts are paying dividends with the students.

On average, student satisfaction with the following items has increased significantly since the 2009-10 academic year:

1. Communication about the registration process
2. Ease of registering for classes
3. Classroom environment (e.g. size, temperature, maintenance)
4. Campus security
5. A-V equipment used in classrooms (e.g. microphones, projectors)
6. Reliability of wireless connectivity on my campus

7. Reliability of learning management system (e.g. Sakai/the Hub, Blackboard)

On average, student agreement with the following items has increased significantly since the 2009-10 academic year:

1. I feel a sense of belonging to my school
2. I feel a sense of belonging to the TTUHSC community
3. I have adequate access to my instructors outside of class
4. My instructors are concerned about my academic success
5. My instructors care about my professional success
6. I would recommend my degree program to a friend or family member
7. I have sufficient opportunities to interact with students from other TTUHSC schools

Raider Welcome – Two week series welcoming back returning students to the TTU campus.



Raider Welcome is a two-week series of events designed to welcome new and returning students to the Texas Tech campus. Raider Welcome occurs the week before and throughout the first week of classes.

Why TTUHSC participates:

- Visibility for TTUHSC
- Supplement current recruitment efforts
- Target 1,100 students who have registered with TTU Pre-Professional Health Careers office
- Connect with prospective students

TTUHSC Receives Major Donation as Plans to Develop a School of Public Health Continue

The new school will be made possible by the second largest gift in the university's history.



The School of Public Health is a collaboration between TTUHSC and the Abilene community.

President Tedd L. Mitchell, M.D., and Texas Tech University System Chancellor Robert L. Duncan, recently announced a major gift as part of plans to establish a School of Public Health for the TTUHSC. This will be the institution's sixth school — and the fourth to have a presence on the Abilene campus.

“Today’s announcement is another example of the great collaboration among Texas Tech University Health Sciences Center, the Hendrick Health System and the Abilene community,” said Tim Lancaster, member of the Texas Tech University System Board of Regents and president and CEO of Hendrick Health System.

The School of Public Health will be made possible by a large gift from private donors. This is the second largest gift in university history. The money will be used to construct a third building on the Abilene campus, provide start-up funds and establish an endowment for long-term sustainability.

“The establishment of a School of Public Health is a historic milestone for Texas Tech University Health Sciences Center and the Texas Tech University System,” Duncan said. “This new school will be a catalyst for healthy communities and provide professionals who empower people to lead healthier lives. Thank you to Dr. Mitchell for his leadership and commitment to this project and to the many donors and members of the Abilene community who have generously supported this initiative and our regional campus over the years.”

According to the Association of Schools of Public Health, public health challenges have grown, while the public health workforce has diminished since 1980. To meet the increased demand, it is projected the U.S. will need more than 700,000 public health professionals by 2020.

TTUHSC is the only major health sciences center in Texas that does not have a School of Public Health. Mitchell said the new school will act as a resource for the region, by acquiring and providing data vital to those in the public and private sectors who seek to better understand the factors that impact the health of citizens.

“This gift makes possible a major goal we’ve been working towards for many years – the establishment of a School of Public Health dedicated to improving the lives of West Texans,” Mitchell said. “Through educational and research programs, the TTUHSC School of Public Health will address the growing needs of our region and state by providing professionals trained to study and preserve the health of communities.

“We could not have done this without the support of the Abilene community and the hard work of its leaders,” Mitchell added. “This school adds an entirely new dimension to TTUHSC’s mission to serve the great folks of West Texas and beyond.”

In March, the university established a Department of Public Health and a Master of Public Health Degree Program within the Graduate School of Biomedical Sciences. The program is aimed at improving the health of people by providing high-quality educational opportunities to students and health care professionals, advocating knowledge through scholarship and research and improving public health practice.

Superior Service: Employees Honored with Quality Awards



An elite group of TTUHSC employees were recently recognized during the 2014 Distinguished Staff Awards & Years of Service Ceremony.

TTUHSC recently hosted its 2014 Distinguished Staff Awards & Years of Service Ceremony.

The Distinguished Staff Awards Program was implemented to recognize and reward staff employees (individuals and teams) who excel in their service to the institution.

Quality Staff Award

- Bill Davis, School of Nursing Simulation Center, Abilene
- Judith Bayle, School of Medicine OB-GYN, Amarillo
- Sharon Felts, School of Medicine Breast Center for Excellence, Amarillo
- Kenia Hernandez, Paul L. Foster School of Medicine OB-GYN
- Gretchen Ruiz, Paul L. Foster School of Medicine, Student Affairs, Lubbock
- Amanda Encinias, School of Medicine, Family Medicine, Lubbock
- Jolene Turpin, School of Medicine, Faculty Affairs & Development, Lubbock
- Leslie Williamson, School of Medicine Administration, Permian Basin

Quality Supervisor Award

- Paula Breeding, School of Pharmacy, Pharmacy Practice, Amarillo
- Lisa Aguilar, Paul L. Foster School of Medicine OB-GYN
- Karla Chapman, School of Nursing, Lubbock
- Kim Robison, School of Medicine, Surgery, Lubbock

Quality Team Award

- Team One: Georgina Barrera, Veronica Garcia, Rosie Gomez, Tiffany Hager, Elizabeth Martinez and Marylin Taylor, School of Nursing Development & Student Affairs
- Team Two: Khadija Bakrim and Joanie Ellison, School of Nursing Information Technology, Lubbock

President's Award of Excellence

- Harvey Olney, Graduate School of Biomedical Sciences, Cell Biology & Biochemistry, Lubbock
- Lauren Sullivan, School of Nursing Development & Student Affairs, Lubbock

Chancellor's Award of Excellence

- Janet Coquelin, Human Resources, Lubbock

Chancellor's Colonel Rowan Award for Execution

- Travis Hanson, F. Marie Hall Institute for Rural and Community Health, Lubbock

TTUHSC Global Health Program Creating Lasting Impact for Citizens of Nicaragua



TTUHSC will be sending its fifth group of students for calendar year 2014 in September.

New Executive Director Named for the Garrison Institute

TTUHSC President Tedd Mitchell, M.D., announces hire of P. Hemachandra Reddy, Ph.D.

Following an extensive national search, TTUHSC has announced the appointment of P. Hemachandra Reddy, Ph.D., as the new executive director and chief scientific officer of the Garrison Institute on Aging.

Reddy comes to TTUHSC from the Neurogenetics Laboratory, Neuroscience Division, Oregon National Primate Research Center at Oregon Health and Science University (OHSU) where he served as an associate scientist. The focus of his research is understanding the molecular and cellular bases of aging in age-related neurodegenerative diseases such as Alzheimer's and Huntington's.

Reddy received his B.Sc. and M.Sc. in biology from Sri Venkateswara University, and his M.Phil in human cytogenetics from Delhi University, both located in India. He was a Commonwealth Scholar (1990-1993) before receiving his doctorate degree in 1994 in human genetics from University College, London. Reddy did his postdoctoral training from 1995-2000 at the National Human Genome Research Institute of the National Institutes of Health (NIH).

He then joined the OHSU-Neurological Sciences Institute faculty in July 2000 and the Oregon National Primate Research Center in July 2008. Reddy was a standing member of the Veteran Affairs Merit Review Study Section and served in several NIH study sections. He currently is a standing member of the Neuronal Oxidative Metabolism and Death study section and principal investigator on two NIH RO1 grants.

Reddy will take the place of Paula Grammas, Ph.D., who now serves as director of the Texas Alzheimer's Research and Care Consortium in Austin. Grammas served as executive director for nearly a decade. Under her leadership, the institute expanded to include research, community outreach and education programs.

TTUHSC Cartoon of the Day:



School of Medicine – Lubbock, Amarillo, Permian Basin

TTUHSC SOM Welcomes the Class of 2018

The School of Medicine welcomed 183 new students to the campus on 7/30/2015. This cohort represents the largest entering class size in the SOM history.

Overall Score Summary	
Total Accepted	183
GPA	3.64
Science GPA	3.56
MCAT	31.588

Overall Gender Summary		
Female	86	47.51%
Male	95	51.49%

TTUHSC Physician Receives Texas Medical Association’s Highest Award for Excellence in Academic Medicine



A committee of TMA physicians selected Dr. Surendra Varma as the 2014 Platinum Award winner



Source: *Texas Medicine*

Texas Tech Physicians Take the Gold



Texas Tech Physicians of Lubbock receives prestigious honor from nation's largest accrediting body.

The Joint Commission is the nation's oldest and largest standards-setting and accrediting body in health care.

Texas Tech Physicians of Lubbock has earned The Joint Commission's Gold Seal of Approval™ for accreditation by demonstrating compliance with The Joint Commission's national standards for health care quality and safety in ambulatory care organizations.

Steven L. Berk, M.D., executive vice president, provost and School of Medicine dean, said a team of Joint Commission expert surveyors evaluated Texas Tech Physicians for compliance with standards of care specific to the needs of patients, including infection prevention and control, leadership and medication management.

"We view receiving this Gold Seal of Approval™ as another step toward excellence and validation of our work by this recognized external review body." – Steve Berk, Dean of SOM.

Since 1975, The Joint Commission has developed standards for outpatient ambulatory care organizations. Organizations that strive for accreditation in ambulatory care from The Joint Commission must demonstrate the highest commitment to quality and safety to their patients, staff and their community.

The Joint Commission evaluates and accredits more than 18,000 health care organizations and programs in the United States. An independent, not-for-profit organization, The Joint Commission is the nation's oldest and largest standards-setting and accrediting body in health care.

TTUHSC Physician Receives American Academy of Ophthalmology's Secretariat Award for 2014



Dr. Allan M. Eisenbaum has been awarded the American Academy of Ophthalmology's Secretariat Award for 2014. He is TTUHSC's first Ophthalmology faculty member to receive AAO's highest honor.

Medical Student Becomes Patient

Anonymous donor helps bring home TTUHSC graduate and terminal cancer patient.



Gaines graduated from the Paul L. Foster School of Medicine.

For most medical students, Match Day is one of excitement and anticipation of what the future holds. A week after medical student Joshua Gaines learned he matched with his first choice at the Cleveland Clinic Foundation for anesthesiology, he was diagnosed with colorectal cancer.

When diagnosed at age 30 on March 21, 2013, his cancer was terminal. Joshua was told he may live a few more weeks, and that nothing else could be done to fight the invasive cancer.

His last wishes were to spend his remaining days with family. An anonymous Texas Tech donor offered to pay private plane expenses to help Gaines get back from Houston to Lubbock on July 16 for care with Dr. Everardo Cobos, director of the Cancer Division, who Gaines' family said has been there with him every step of the way.

"He has been wonderfully caring and compassionate, and we cannot imagine a better care provider for Joshua to keep him comfortable in his remaining time," said Michelle Gaines, Joshua's sister-in-law.

"We want to thank everyone so much for their generosity," Michelle Gaines (Joshua's sister) said. "We are truly astounded by the outpouring of support and it is so comforting to him in his final hours to know that he will be coming home. Thanks to you all Joshua will be able to pass with his family surrounding him holding his hand and telling him how much we love him."



Gaines flew home to Lubbock on July 16.

Joshua wrote an inspiring article, "The Patient-Student: An unexpected lesson challenges everything about a future physician's training and career," which was published in the Oct. 2013 *New Physician*.

7/17/2014

Kendra;

Just wanted you to know that Dr. Josh Gaines died a few minutes ago. He died peacefully with his mother, sister, and brother in law by his side. He was thankful he was able to die in Lubbock. Both Sherrie and myself were there. Thank you for all you did the past 48 hours, it may not seem like much but it was a really special thing for him and his family. We are all appreciative of your efforts.

You may not know all the details but he graduated from **TTUHSC-El Paso** last year and before he could proceed to begin his internship at The Cleveland Clinic he was diagnosed with metastatic colon cancer. We had the privilege of caring for him this past year. He wrote interesting essays about being a

young person with cancer, how medical students should communicate with patients, his observations of being a dying patient from the “other side” of the medical profession. These essays were published in a national publication for US Medical Students. He was instrumental in starting our “Young Adolescents and Young adults with Cancer” support group at the cancer center.

He expressed the desire to will his body to TTUHSC saying I want to continue in the “education” of students. He rarely wore ties before medical school but bought several when he started his third year and his family (per his wishes) donated the ties to our Oncology Division (Attending/Fellows/ Students) for us to wear during rounds.

I wanted to thank you for expediting and arranging his transfer home from Houston, his last wish was to die in Lubbock surrounded by his family , his nurses and doctors.

PS: Dr. Horn and De La Rosa, Josh also wanted you guys to inform his classmates if you are able to do so.

Everardo Cobos MD

Graduate School of Biomedical Sciences

3 Charts Show That China's Scientific Dominance over the US is a Done Deal

Source: Houston Chronicle June 24, 2014

Anyone who watched the moon landing or uses the internet can attest to the strong tradition of scientific innovation in the United States. But China is now poised to blow past the U.S. to become dominant in science and engineering, as it has already done in global trade.

A team of researchers from the University of Michigan and Peking University in Beijing published a study highlighting China's growing scientific dominance in a recent issue of the journal Proceedings of the National Academy of Sciences.

Specifically, they focused on China's potential to knock the U.S. out of its spot as the world's undisputed leader in the science, tech, engineering, and math fields — collectively called STEM.

The researchers write: "Two recent reports by the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine have raised concerns that **the United States may soon lose its scientific leadership role and suffer negative economic consequences.**"

These three charts make their case.

China is churning out a staggering number of science graduates.

While China and the U.S. currently award science and engineering degrees to an equivalent proportion of their populations, China has sharply increased the number of graduates in these fields — and the U.S. does not seem poised to catch up anytime soon.

Chinese students also receive more American doctoral degrees in science and engineering than any other foreign students. Between 1987 and 2010, there was a threefold increase in the number of Chinese students in these programs (from 15,000 to 43,000).

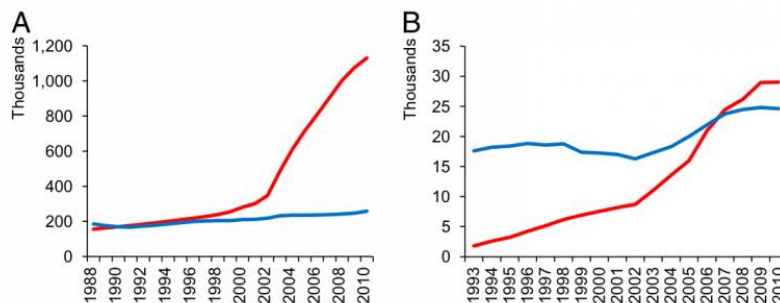


Fig. 3. (A) The number of bachelor's degrees awarded from 1988 to 2010. (B) The number of doctoral degrees awarded from 1993 to 2010. The red line is for China and the blue line is for the United States.

China's science and engineering labor force is exploding.

The U.S. has a much smaller population and yet is still ahead of China in terms of how many people work in science and engineering fields. But while the growth of the U.S.'s STEM labor force has been slow and steady, the growth of this specialized workforce in China has exploded in the last 10 years. The paper attributes this to the expansion of higher education in China that began in 1999.

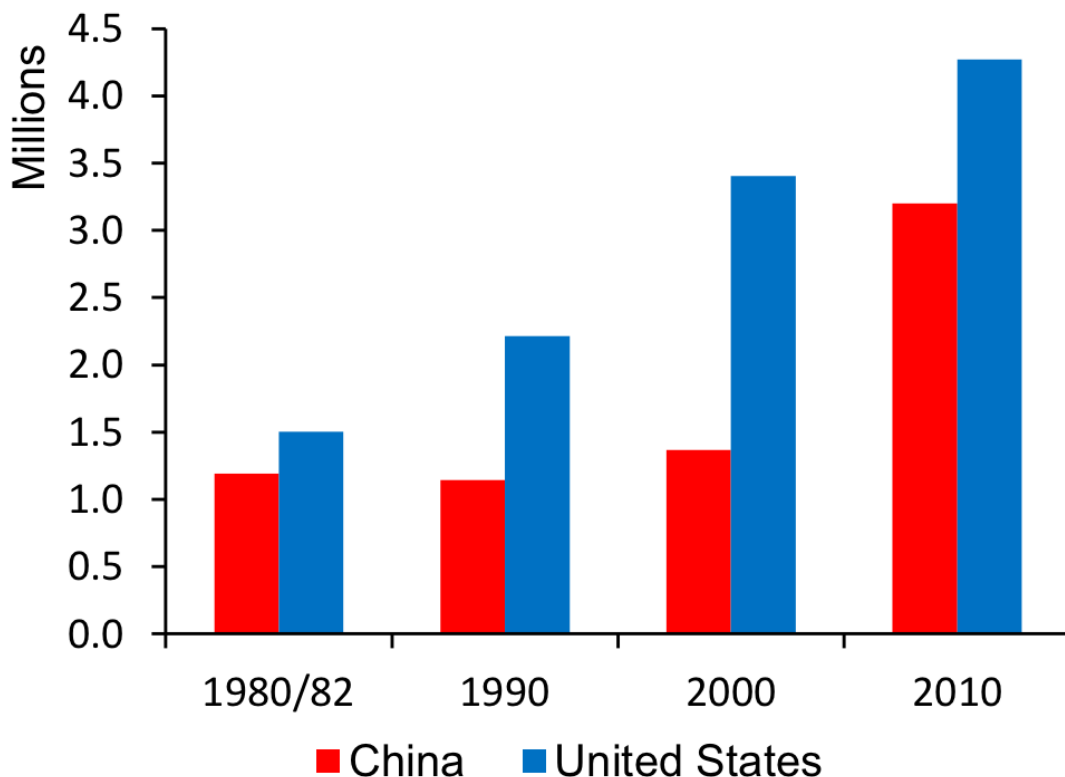


Fig. 1. Labor force in S/E, 1980/1982–2010. In the 1980/82 category, 1980 represents the United States, and 1982 represents China.

Chinese scientists get paid more than American scientists.

People who pursue science in China have much better earning potential than their counterparts in the U.S. Chinese scientists are paid better than their highly educated peers, while in the U.S., the reverse is true. U.S. lawyers, for example, go to school for less time than Ph.D. scientists, but make much more money.

"When talented youth face alternative career options, everything else being equal, more Chinese would be attracted to science than Americans," because of the pay the researchers write.

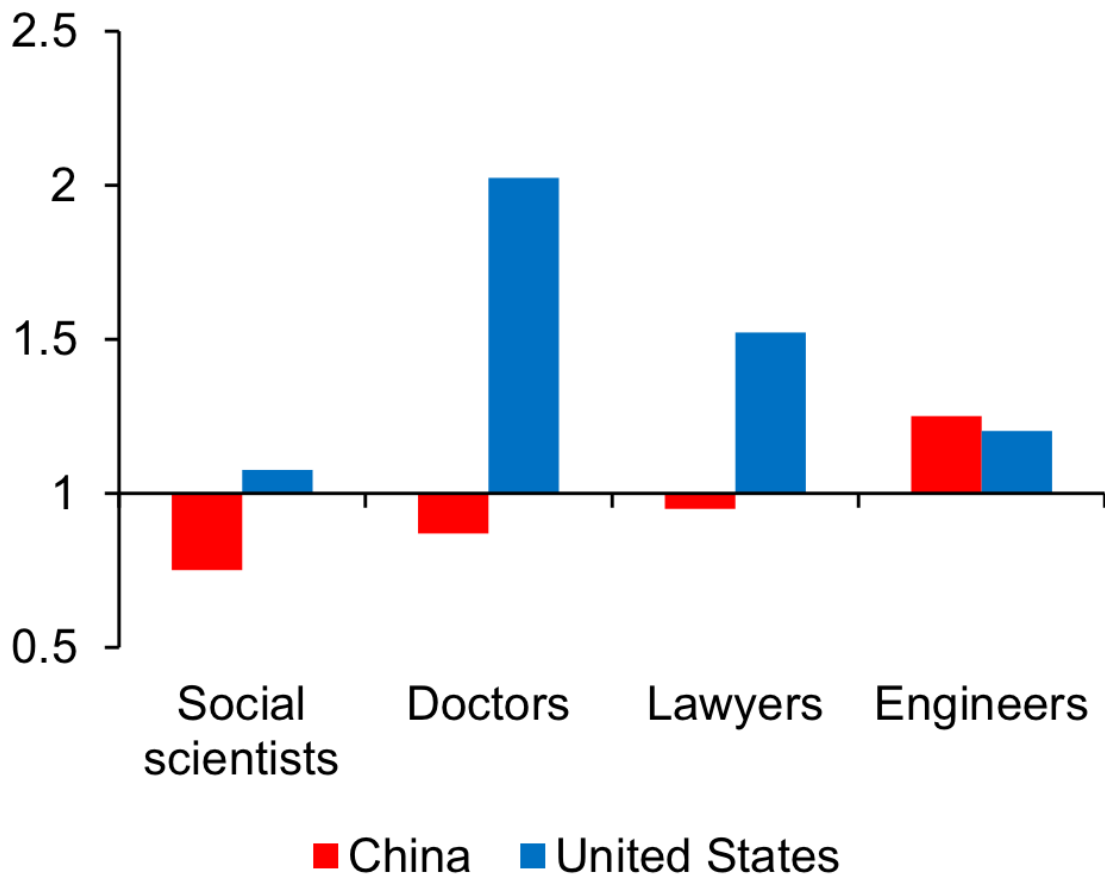


Fig. 2. Earning ratios compared with scientists, mid-2000s.

The PNAS researchers identify "four factors [that] favor China's continuing rise in science: a large population and human capital base, a labor market favoring academic meritocracy, a large diaspora of Chinese-origin scientists, and a centralized government willing to invest in science."

Still, scientists in the United States have some serious advantages, since, as the researchers note, "China's science faces potential difficulties due to political interference and scientific fraud."

CH Foundation agrees to fund \$750k proposal for Illumina HiSeq genetic sequencer

The CH Foundation has agreed to fund a \$750K proposal to purchase the Illumina HiSeq genetic sequencer. This is a big advance to all our efforts in the life sciences, including medicine, agriculture, and in the basic biosciences. We are excited about the opportunities this creates for public –private partnerships and the impact this will have on our regional economic development activities.

Even better, the CH Foundation has agreed to fund this effort much earlier than their usual date in December, enabling us to take delivery and get started with the new sequencer on or before the end of August.

I want to express my appreciation to everyone who helped make this happen. Bess Haley has been a real champion, and her determination played a critical role in obtaining this outcome. Thanks to the CH Foundation for choosing this important effort. It will provide an excellent ROI to our community, and it will help advance our life sciences efforts in West Texas dramatically.

- **Robert V. Duncan, Ph.D.**, Vice President for Research, Professor of Physics, TTU

New Venture Puts TTUHSC in the Mix with Biotech Industry

ExperImmune provides assistance to companies in the preclinical development of novel drugs and vaccines.

A technology partnership between the Development Corporation of Abilene (DCOA) and the Center for Immunotherapeutic Development at TTUHSC has resulted in a new concept for business-driven academic commercialization.

The face of the new commercialization venture is ExperImmune, an immunology centric corporate entity formed to provide third-party validation services, product development and due diligence to support technologies like those found at TTUHSC and other academic-based institutions.

The company also provides services to small and large biotechnology companies, major pharmaceutical companies and investment groups, said Jon Weidanz, Ph.D., ExperImmune’s chief scientist and founding director. Weidanz is also professor and chair for the Department of Immunotherapeutics and Biotechnology at the School of Pharmacy in Abilene.

“We provide the transition between research and development,” Weidanz said. “This is an exciting opportunity for ExperImmune to be a research and development partner to address the immunology and related needs of academia and the biotech industry.”

Through its 24,000-square-foot space inside Abilene Laboratories, ExperImmune has access to state-of-the-art instrumentation and clean room facilities to perform immune-based assay design and biopharmaceutical development and production for pre-clinical validation. In addition to immunodiagnostic and immunotherapeutic development, ExperImmune offers pre-clinical in-vitro and in-vivo efficacy models for oncology, pharmacokinetic and immunogenicity studies.

ExperImmune's research and development team members come from diverse backgrounds and fields of expertise. Though their focus lies within the immunology field, team scientists have extensive experience in cancer biology, infectious disease, molecular and cellular immunology, proteomics and biomaterial science.

In addition to their contract services, Weidanz said ExperImmune is preparing to launch a product line of monoclonal antibodies for research purposes across a range of disciplines, including cancer, autoimmunity and infectious disease. The company is also developing a propriety method to allow detection of antigen-specific T cells and B cells from mouse and human samples.

Weidanz said partnerships with the DCOA and TTUHSC allow ExperImmune to operate with low overhead and gives the company the flexibility to offer services at a relatively low cost, maximize research dollars and provide customers with a personalized approach.

School of Allied Health Sciences – Lubbock, Amarillo, Permian Basin

Bachelor of Science in Health Sciences

The School of Allied Health Sciences has implemented a new Bachelor of Science in Health Sciences (B.S. H.S.) degree. This degree is focused on providing baccalaureate educational opportunities for students who have completed their associate's degree in Respiratory Care, Radiology/Imaging Technology, and Paramedics. Students are required to have completed their associate's degree as well as have a license in their respective field prior to entering into the program. The program consists of 30 semester credit hours. A letter describing the program has been sent to over 14,000 practicing respiratory therapists in Texas and a letter from President Mitchell has been sent to all community college presidents in Texas to introduce the program to associate-level students.

UMC Lubbock implements \$50K annually for special initiatives

The SOAHS has been working closely with leaders from UMC to develop a more meaningful partnership. UMC has implemented funding of \$50,000 annually for special initiatives within the school to develop programs that will enhance the recruitment of qualified personnel to the hospital as well as augment the education in key areas that will transition to hospital setting.

Concentrated clinical training sites established for Allied Health students

Concentrated clinical training sites have been developed on HSC campuses in Abilene, Lubbock, Amarillo, and Midland/Odessa. These sites allow students to remain in contact with other SOAHS and HSC students and services during the clinical portion of their educational experience. In particular, the Abilene physician community has been extremely supportive of the program and has developed a strong clinical base for our PA students. PNS physicians in the Lubbock region have also begun to establish more clinical opportunities for our PA students.

\$100K Endowment Awarded from Moore Foundation in Midland for the Physician Assistant Program.

Endowment will be funded \$50,000 for each of the next two years and will provide much needed scholarship funding for PA students in the Permian Basin.

Licensure pass rate excellence continues for students in SOAHS

- The Speech Pathology class of 2014 achieved 100% on their first-time pass rates – **7th year in a row!**
- The Athletic Training class of 2013 (report received in June) achieved 100% first-time pass rates – **National average is 83%**
- The Occupational therapy class for calendar year 2014 achieved 97% on their first-time pass rates.

School of Pharmacy – Amarillo, Abilene, Lubbock, Dallas

TTUHSC SOP Faculty Make the Wall Street Journal



Authors Create Instrument to Measure Students' Perceptions of Interprofessional Education – MarketWatch

ALEXANDRIA, Va., May 29, 2014 -- The American Association of Colleges of

Pharmacy will honor a team of faculty members representing three universities with the 2014 Rufus A. Lyman Award , which recognizes the best paper published in 2013 in the American Journal of Pharmaceutical Education . The authors developed and validated SPICE, an instrument designed to measure pharmacy and medical student perceptions of interprofessional clinical education.

“Development and Validation of the Student Perceptions of Physicians-Pharmacists Interprofessional Clinical Education (SPICE) Instrument” was authored by David S. Fike, Ph.D., Joseph A. Zorek, Pharm.D., Anitra A. MacLaughlin, Pharm.D., Mohammed Samiuddin, M.D., Rodney B. Young, M.D., and Eric J. MacLaughlin, Pharm.D. They will receive the award on July 29 during the closing banquet at the AACP Annual Meeting, Pharmacy Education 2014 , in Grapevine, Texas.

The authors worked across professions and institutions to create SPICE, an instrument designed to assess how students view interprofessional interactions between physicians and pharmacists. The final instrument consisted of subscales measuring student perceptions of interprofessional teamwork and team-based practice, roles/responsibilities for collaborative practice and patient outcomes from collaborative practice. SPICE may serve as a useful tool for educational researchers in assessing the impact of interprofessional educational experiences.

Fike serves as associate research professor and research statistician at the University of the Incarnate Word in San Antonio. Previously, he served as a research associate professor in the Texas Tech University Health Sciences Center School of Pharmacy and chair of Sciences & Engineering Division at Amarillo College.

“The Award Selection Committee noted that the authors used excellent methodology to address a topic that many colleges and schools are struggling with,” said Joseph T. DiPiro, Pharm.D., past editor of AJPE and outgoing executive dean of South Carolina College of Pharmacy. “Related to interprofessional education, the article meets both current and future needs in healthcare education.”

SOURCE: American Association of Colleges of Pharmacy (AACCP)

School of Pharmacy – Newly funded grants:

- **Xinli Liu** (Amarillo) - Pharmaceutical Sciences Department – NIH R15 Award (PI) - ““Novel Therapeutics Targeting HER2-Positive Breast Cancer Metastasis” 3 years \$446,159 total award Start date: 09/01/14

School of Nursing – Lubbock, Amarillo, Permian Basin, Abilene, Dallas, Austin

TTUHSC SON Expands to the Texas Medical Center in Houston, Establishing a Relationship with Texas Children’s Hospital

TTUHSC SON has formed an affiliation with Texas Children’s Hospital (TCH) in the Texas Medical Center in Houston in creation of an ACNP program for Pediatrics. TCH approached the SON when it found out we were in the process of creating the program. TCH is providing 1 faculty FTE position for the SON. They employ 240 Pediatric ACNPs and hope to develop a reliable pipeline for future needs.

Funding Changes for the Nurse Anesthesia Program Being Developed by SON

TTUHSC SON proposed Nursing Anesthesia program (approved by BOR in 2013), has increased in scope

1. Reasons for shift in plan:
 - a. The initial budget focused on a master’s level (MSN) nurse anesthesia program. As accreditation requirements were reviewed, decision was made to start as a doctoral level program – Doctor of Nursing Practice (DNP) – because the **accrediting body requires all to be at DNP level by 2025**. Budget implications of the shift from MSN to the DNP level have now been incorporated into development plan.
 - b. To move directly to DNP program, credit hours, simulation equipment, faculty and administrative needs have increased accordingly (i.e. more hours, more detailed equipment, higher level faculty and increased administration requirements – director and assistant director – for accreditation). These necessitate an increase in the budget.
2. Original cost projections (Aug 2013) totaled \$988,573 for the first two years (\$549,553 in Year 1 and \$439,020 in Year 2). Current projected cost is \$2,196,610 (\$1,094,524 in Year 1 and \$1,102,086 in Year 2).
3. Original projection was that the program should be self-sustaining after year two. Currently, the program is projected to be self-sustaining by Year 5. The total cost of the program though the 5th year is \$6,382,412.
4. Sources of funding for years 1 - 5:
 - a. \$600,000 in Years 1 – 2: donation from Hendrick Medical Center
 - b. \$350,500 in Years 1 – 5: Tuition

- c. \$1,918,850 Years 1 – 5: Student fees (for online and hybrid courses) plus special fees for nurse anesthesia clinical courses (\$400 per semester credit hour - typical in nurse anesthesia programs)
- d. \$1,577,376 Years 1 – 5: From Presidential Initiative fund
- e. \$1,935,686 Years 3 – 5: Formula funding

Find Your Center: Prenatal Service to Guide New Mothers

The Combest Center is utilizing the CenteringPregnancy model to promote healthy outcomes for moms and babies.



CenteringPregnancy clients meet in small groups to discuss pregnancy and parenting skills.

The Combest Center is now offering prenatal services through a primary model called CenteringPregnancy.

CenteringPregnancy is a unique, evidence-based enhanced maternity care service. The model is designed to integrate health assessment, education and support into a unified program within a group setting. Eight to 10 women with similar gestational ages meet to learn how their body changes during pregnancy, mother and infant care skills, participate in facilitated discussions and develop a support

network at each prenatal visit.

Each group meets for 10 sessions throughout pregnancy and early postpartum. A health provider, one of two group facilitators, completes standard physical health assessments during each prenatal group visit.

Additionally, expectant mothers have the opportunity to enroll in the Strong Start for Mothers and Infants program. Strong Start mothers receive enhanced prenatal care through the Maternity Care Home model using care coordination, birth plan development and assistance with Texas Women, Infants and Children (WIC) enrollment provided by community health workers through the Texas Tech Physicians OB-GYN Clinic or CenteringPregnancy at the Combest Center.

Mothers in the CenteringPregnancy program receive enhanced prenatal care provided by a registered nurse and an advanced practice registered nurse (APRN). The APRNs are women's health nurse practitioners or certified nurse-midwives.


TTUHSC was one of 27 institutions in the U.S. to receive a four-year \$896,867 grant from the Centers for Medicare & Medicaid Services last year to establish the Strong Start for Mothers and Infants program and includes both the CenteringPregnancy and Maternity Care Home models.

Strong Start is a collaborative interprofessional intervention provided to approximately 500 to 700 participants a year by the Combest Center and the Texas Tech Physicians Family Medicine and OB-GYN departments.

SON designated as NLN Center of Excellence in Nursing Education for 2014 – 2018.



This is a competitive application process for nursing schools, much like the Magnet designation program for hospitals. 29 schools in the U.S. have achieved the designation, which is held for four year periods. Schools must reapply for continuing designations.



July 11, 2014

Dr. Tedd Mitchell, MD
President, Texas Tech University Health Sciences Center
3601 4th Street, STOP 6258
Lubbock, Texas 79430-6258

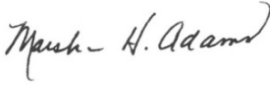
Dear Dr. Mitchell,

It is with great pleasure that we inform you of a most significant honor that will be bestowed on your School of Nursing this September. Texas Tech University Health Sciences Center - School of Nursing has been designated as an **NLN Center of Excellence in Nursing Education** for 2014-2018 in recognition of their sustained efforts to "Create Environments that Enhance Student Learning and Professional Development."


On behalf of the NLN Board of Governors and our entire membership, it is our pleasure to tell you about this honor. We know how proud you must be of the School of Nursing, and we thank you for your support of their efforts to continually strive for excellence in nursing education. Enclosed is information about congratulating them publicly.

The National League for Nursing is proud to offer the Centers of Excellence program as a way to recognize schools that have demonstrated a commitment to excellence and it is an honor to count Texas Tech University Health Sciences Center - School of Nursing among the outstanding group of recipients of this designation.

Most sincerely,



Marsha Adams, PhD, RN, CNE, ANEF
President



Beverly Malone, PhD, RN, FAAN
Chief Executive Officer

cc: Dr. Michael L. Evans, Dean, School of Nursing

Enclosure (Congratulatory Ad Form)

2600 Virginia Avenue NW, 8th Fl
Washington, DC 20037800-669-1656
www.nln.org

SON receives a \$1.5M grant from HRSA & was scored a 97 out of 100 possible points!

ABSTRACT

Project Title: *Interprofessional Collaborative Practice in a Nurse Managed Health Center*

Project Director: M. Christina R. Esperat, RN, PhD, FAAN

Project Period: 09/01/2014 – 08/31/2017

Practice Site: Larry Combest Community Health and Wellness Center

Abstract Narrative:

The goal is to improve access to quality primary health care for vulnerable individuals in Lubbock county through interprofessional collaborative practice.

The Larry Combest Community Health and Wellness Center (LCCHWC), is a federally-qualified nurse-managed primary care center operated by the School of Nursing (SON) at the Texas Tech University Health Sciences Center (TTUHSC). The target population to be served is economically and medically vulnerable patients in the most disadvantaged areas in Lubbock County. The specific objectives are to: 1) promote cardiovascular risk reduction in chronic disease management; 2) provide enabling services to enhance the quality of care to the most vulnerable and high risk populations; 3) provide opportunities for interprofessional teaching and learning experiences for health professions students; and 4) evaluate the outcomes of the program to improve access to quality primary health care for vulnerable individuals in Lubbock county.

Interprofessional collaborative practice will be delivered through a partnership between Nursing, Pharmacy, Dietetics and Social Work. Improving quality of health care services will be facilitated by providing services to the most vulnerable groups served by the Center, particularly in the chronic disease management programs. The ability of the Center to serve as a valuable clinical training site for health professions students will be augmented through this cooperative agreement. The practitioners will integrate cultural and health indices specific to underserved populations in their team-based health care decision-making; and students participating will acquire experiences and skills necessary to meet the health care needs of the poor and underserved.

Institutional Compliance Annual Report

Institutional
Compliance Annual
Summary Report
2013

August 2014

[1]

CONFIDENTIAL MEDICAL COMMITTEE DOCUMENT

Summary Annual Report 2013

- This annual report summary of the Texas Tech University Health Sciences Center (TTUHSC) Institutional Compliance Program is presented to provide an overview of the activities of the Compliance Office. The basic elements of an effective compliance program, as outlined in the Federal Sentencing Guidelines (FSG), §8B2.1(b)(2)(A), various model compliance programs and government imposed Corporate Integrity Agreements (CIA) provide the framework for the Compliance Department and this summary report.

[2]

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Compliance Standards and Procedures

- Institutional Compliance Operating Policies (Section 52). During CY 2013, nine Compliance Operating Policies were created or subject to routine review. Of significance were the following:
 - HSC OP 52.05, Texting of Protected Health Information (New) was created to provide texting guidelines for providers (e.g., physician, nurses, etc.).
 - HSC OP 52.13, HIPAA Business Associate Agreements (New) policy was updated to include the final HIPAA Omnibus Rule requirements, effective September 23, 2014.

[3]

CONFIDENTIAL MEDICAL COMMITTEE DOCUMENT

Background and Sanction Check Process

- Sanction Checks. As a health care provider and research entity, TTUHSC must have policies in place to avoid hiring or contracting with any individual or entity that has been sanctioned or barred by a federal or state government agency. [HSC OP 52.11, Sanction Check Process](#) satisfies this requirement.
- During CY 2013, there were no identified individuals or entities listed as sanctioned or barred.

(4)

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Compliance Hotline and Resources

- Compliance Hotline. The Office of Audit Services (OAS) refers cases reported through the Texas Tech University System (TTUS) Compliance Hotline to the appropriate individuals at TTUHSC with oversight authority for the issue in question. The Institutional Compliance Office has primary responsibility for addressing concerns related to billing, privacy non-compliance, as well as compliance concerns not otherwise addressed by other regulatory oversight areas.
- One hotline call was forwarded to the Compliance Office. The concern was investigated and a response was provided to the OAS and the hotline caller.

(5)

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Education, Training and Awareness Activities

- Institutional Compliance.
 - Compliance Orientation. All new employees must complete general compliance orientation within 30 days of hire. For CY 2013, the compliance training completion rate was 95%.
 - Compliance Newsletter. This year, the Institutional Compliance Office resumed publication of a quarterly newsletter providing guidance on a variety of compliance/regulatory areas.
- Billing Compliance.
 - All Schools of Medicine faculty and residents receive initial and annual billing compliance training, with a focus on billing risks related to their specialty.
 - Achieved 100% compliance for new providers across all campuses.

[6]

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Education, Training and Awareness Activities

- Privacy Compliance. The HIPAA Privacy and Security training modules were updated in response to the new HIPAA Omnibus requirements.
 - Achieved a 93% completion rate.
- Other Compliance Related Training Activities.
 - ICD-10 Training
 - Delegated Prescriptive Authority Training

[7]

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Routine Monitoring and Risk-Based Auditing

- Billing Compliance Monitoring and Auditing Activity. Providers are subject to routine monitoring each year.

Campus	# Departments	# Providers	# Cases
Lubbock	13	291	2228
Amarillo	6	72	719
El Paso	13	257	2568
Permian Basin	6	52	517

- The following are some of the risks identified during CY 2013 monitoring:
 - A-2 Errors: Wrong CPT Code – upcoded
 - B-2 Errors: Insufficient E/M documentation

(8)

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Compliance Issues, Responses and Corrective Action

- This section addresses compliance issues involving potential risk to TTUHSC investigated by and/or addressed through the Institutional Compliance Office, including those related to Billing Compliance and HIPAA Privacy.
- Billing Compliance.
 - UMC/TTUHSC Grand Expectations Lease Matter - LBB
 - OB/GYN Claims Review – LBB
 - Orthopedics Physician Supervision and Claims Review - LBB
 - Anesthesia Physician Supervision and Claims Review – EP
 - El Paso First Claims Review - EP

(9)

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Compliance Issues, Responses and Corrective Action

HIPAA Privacy Investigations. Several HIPAA Privacy issues were reported and addressed during CY 2013. There were a total of 86 reported and documented investigations (see below), mostly involved leaving PHI in unsecured areas, misdirected faxes, non-encrypted PHI emailed to a public domain, inappropriate access to electronic PHI, releasing PHI to the wrong individual and/or unauthorized access to PHI. Under HI-TECH violations of HIPAA that result in identified harm to the patient must be reported annually to the Department of Health and Human Services.

Campus	Investigations	Violations	Reportable Breaches
Lubbock	42	8	2
El Paso	30	2	1
Amarillo	12	2	2
Permian Basin	1	0	0

(10)

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Compliance Issues, Responses and Corrective Action

- Significant HIPAA Privacy Investigation Findings:
- The Office for Civil Rights (OCR) concluded its investigation of privacy breach from 2011. The OCR determined that TTUHSC had implemented appropriate corrective actions and the case was closed with no further action.
- On February 20, 2013, TTUHSC Amarillo identified that several billing statements had been sent to the wrong patients. Upon review of the incident, TTUHSC identified that there was a breach of protected health information. TTUHSC notified the appropriate patients and notified the media as required for breaches greater than 500 individuals.

(11)

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