THE UNIVERSITY OF TEXAS AT TYLER

CELEBRATION OF SCHOLARSHIP AND CREATIVITY

JANUARY 2015 – DECEMBER 2016
FROM THE PRESIDENT

At the soul of any great university are those who dedicate their lives to discovery and the creation of knowledge. With the broad goal of creating an educated citizenry, public universities are best positioned to meet their mission when their faculty are equally passionate about teaching, research, and scholarship.

I am proud to witness that dedication in the faculty at The University of Texas at Tyler. Every day, I see examples of the steadfast determination of our faculty members to be leaders in their fields and educate great students.

Our faculty understand scholarship means much more than just great teaching, although that is certainly a key piece of student success. They know students really succeed when they can see and participate in every aspect of scholarship, from classroom learning to research to conference presentations to community outreach. Only when they see the whole picture can students really understand learning is lifelong and reciprocal.

I am honored to share with you the many recent awards and publications contained within these pages. Some of our faculty are among the best in the nation in their fields, and it is wonderful to see them recognized for their efforts.

One of the fastest growth sectors for East Texas is in the medical field, and many of our recent accomplishments demonstrate how this university is a key partner in that expansion. For example, in the College of Nursing and Health Sciences, the university’s Doctor of Nursing Practice program’s first cohort of 11 students are now enrolled, representing nurse leaders and family nurse practitioners from cities and small communities around the region.

In its second year of classes, the Fisch College of Pharmacy continues to establish itself in the field, and faculty have engaged the community to improve health literacy in the most vulnerable populations in East Texas.

Through our online MBA in Healthcare Management, The University of Texas at Tyler is training administrators at hospitals and health clinics around the country. This nationally ranked program is meeting a vital need for health care providers, and enrollment has increased by 30% in the past year.

In other areas, our efforts to pursue the highest levels of scholarship have resulted in some amazing, and fun, projects. For example, the Department of Civil Engineering and ASCE Student Chapter successfully hosted the 2016 ASCE National Concrete Canoe Competition. In Mechanical Engineering, faculty and students are collaborating with NASA to support training for the NASA Orion Spacecraft.

But we are also serious about our academic role. The Department of Educational Leadership and Policy Studies, the University’s first online journal, Diversity, Social Justice & the Educational Leader, is now up and running. Faculty from the College of Arts & Sciences have presented and published more than 50 times over the past few months, demonstrating that the work taking place here every day deserves its rightful place in the literature. Faculty members in departments around the university have been recognized for their excellence in teaching, and some of our faculty are ranked at the top of their fields.

Through outstanding teaching, useful research that speaks to students, and excellent scholarship, faculty at The University of Texas at Tyler continues to accomplish great things. We are excited about the opportunities to come as we work together to support East Texas through teaching, research, and scholarship.

Dr. Michael Tidwell
President, The University of Texas at Tyler
The College of Arts and Sciences is positioning itself as the pre-professional school of choice for those increasing numbers of students who desire to go beyond the baccalaureate degree by pursuing a professional degree. The college has established and will continue to enhance its advisement and placement centers for our undergraduate majors interested in pursuing their studies in medical, dental, pharmacy, and law schools. We are also recruiting and mentoring those students who intend to go to graduate level work. Many will remain here and secure an MA or MS degree in one of the humanities, social sciences, or natural science disciplines. Others have been or will be placed at institutions that provide doctoral or other terminal degree programs. An online graduate program in English has doubled in enrollment over the last two years.

The college’s Department of Biology has become a leader in various areas of biological research. Conservation biology, in both aquatic and terrestrial ecosystems, has become a focus of several faculty members. With continuous and well-funded programs from federal and state agencies, projects focused on insects, freshwater mussels, fish, and reptiles have led to many peer-reviewed publications that frequently list outstanding students in the graduate program as co-authors. Additionally, molecular biology programs in agricultural and medical areas are also strongly supported. The department enthusiastically supports graduate research and adheres to the university mission to educate our students.

The college recently established a Center for Social Sciences Research with several initiatives. A political polling office has been established for East Texas. The first polls were conducted in 2014 and 2016 and correctly anticipated the outcome of the November elections on a statewide level. Data from the polling are being utilized to assist scholarly research in political and social science discipline areas.
Chapters

Creative Performances
Hughes, A. S. (2015). Faculty Exhibition, Griffith Gallery, Steven F. Austin State University, Nacogdoches, TX. Group exhibition. Griffith Gallery, Stephen F. Austin State University, Nacogdoches, TX.

Creative Productions
Pace, J. R. (2015). 2015 Project Postcard, New Mexico State University, Las Cruces, NM.
Pace, J. R. (2015). Annual Faculty Exhibition, Meadows Gallery, The University of Texas at Tyler, Tyler, TX.
Pace, J. R. (2015). UT Faculty Exhibition, Griffith Gallery, Stephen F. Austin State University, Nacogdoches, TX.

Other

Presentations
DEPARTMENT OF BIOLOGY

Chapters

Journal Publications


Other

http://www.pearsonmylabandmastering.com/northamerica/masteringaandp/.

Poster Presentations


Presentations


Hertweck, K. L. (2016, April). From transposons to whole genomes: Comparative genomic analysis in model and non-model systems. *Invited Seminar at Baylor College of Medicine Department of Biochemistry and Molecular Biology*.

Hertweck, K. L. (2015, October). The curious case of genome evolution in Asparagales. *Invited seminar at Stephen F. Austin State University Department of Biology*.


**Reviews**


**Funded Grants**


Bextine, Blake (PI). Texas Palm Commodity Survey. *USDA through Texas A&M University* (September 1, 2015), $21,000.


Hertweck, Kate (PI). Correlation of environmental variables with plant growth, *RiceTec, Houston, TX* (June 1, 2016), USD $8,100.00.

Kellner, Katrin. Pop Genetics of Comanche Harvester Ants, *Texas Military Department*, (May 1, 2015), USD $13,000.


Rout, Marnie. Principles Underlying the success of the Weedy Invader Sorghum Halepense (Johnsongrass), Toward, its Containment and Mitigation. *USDA through the University of Georgia*, (November 1, 2015), USD $735,983.


Chapters


Journal Publications


Poster Presentations


**Funded Grants**

Gray, Neil. Welch Foundation Department Research Grant, Welch Foundation (June 1, 2016), $35,000.

Gray, Neil. Welch Foundation Department Research Grant, Welch Foundation (June 1, 2015), $35,000.
DEPARTMENT OF COMMUNICATION

Chapters
In From Tahrir Square to Gezi Park: Social Networks as Facilitators of Social Movements. USA:
Peter Lang Publishing.

Journal Publications
International Journal of Business, Humanities and Technology. 6(3), 1-8.
Donald Trump’s Rise During the 2016 Presidential Campaign. American International Journal of
Contemporary Research. 6(3), 10-14.
The Johns Hopkins University Press.
Mokhtari, K., & Velten, J. C. (2015). Strengthening academic vocabulary with word generation helps sixth
grade students improve reading comprehension. Middle Grades Research Journal. 10(3), 23-42.
Velten, J. C., & Alexander, R. (2016). Recognizing and Preparing the Narcissist for the Expatriate Experience:
Practical Notes on Affecting Intercultural Communication Competence. American International Journal of
Journal of Service Learning in Higher Education, 5(1).
Velten, J. C. (2016). Intercultural Communication Readiness Assessment and Competency-Based Preparation:
Velten, J. C., & Mokhtari, K. (2016). Lessons learned from designing, implementing, and evaluating an
Velten, J. C. (2015). Lessons learned from implementing an intercultural communication training program
Velten, J. C. (2016). Incorporating intercultural communication competencies in higher education:
Preparing graduates for multicultural societies. Procedia.
Velten, J. C., & Arif, R. (2016). The influence of snapchat on interpersonal relationship development
Velten, J. C., & Arif, R. (2016). When pain can be managed by managing the communication: An analysis of
patient feedback on clinicians’ pain management strategies. International Journal of Communication
and Health, 10, 21-30.
in Communicating the Faith of Faith-Based Missions to Students. American International Journal of
Social Science, 5(3), 1-7.
Humanities and Social Science, 6(7), 45-53.
Viability. International Journal of Humanities and Social Science.
DEPARTMENT OF COMMUNICATION (continued)

Other

Poster Presentations

Presentations


DEPARTMENT OF LITERATURE AND LANGUAGES

Books

Chapters

Journal Publications

Other

Poster Presentations
Presentations


Reviews

**Journal Publications**

https://cs.uwaterloo.ca/journals/JIS/VOL19/Anders/anders9.html


**Presentations**

Themed Session on Formative Assessment Techniques for Undergraduate Math Courses at Math Fest 2016. Columbus, OH: Mathematical Association of America.


Anders, K. (2015, October). This is the fraction that never ends. UT Tyler Math Club meeting. UT Tyler: UT Tyler Math Club.


is an n-chain in $A^n$. Then $\varepsilon(\omega) = 0$.

$I^\omega(x', \ldots, x^n) = \sum_{\omega \in \mathbb{Z}^n} (-1)^{\omega \cdot \omega} C_{\omega(x', \ldots, x^n)}$

$\omega(x') = I^n(x', \ldots, x^n)$

What is $C$?

$C: I^n \to A^n$
DEPARTMENT OF MATHEMATICS (continued)


**Funded Grants**

Smith, Nathan (PI), Fredericka, Brown (CoPI), Cindy, Sherman (CoPI), Jon (Regan), Beckham (CoPI), Randy, Back (CoPI) Teacher Quality Grant, Texas Higher Education Coordinating Board, (April 1, 2016 - April 1, 2017), USD $179,671.00.
Creative Performances
Gullings, K. (2016). Letting Myself In (Selections). The Music of Composer Mel Mobley and Kyle Gullings (Joint Faculty Composition Recital). University of Louisiana Monroe, Monroe, LA.
Gullings, K. (2015). Letting Myself In (Selections) - World Premiere. Solo Faculty Composition Recital. The University of Texas at Tyler.
Park, S. (2015). Faculty Composition Recital. Kyle Gullings’s Faculty Composition Recital. Braithwaite Recital Hall.
Park, S. (2015). A Faculty Chamber Recital. Faculty Recital. Braithwaite Recital Hall.
DEPARTMENT OF MUSIC (continued)

Creative Productions

Other

Poster Presentations

Presentations
**Books**


**Chapters**


**Journal Publications**


Other

Presentations


Reviews


Books
  British Archaeological Report.

Chapters
Gautier, L. (2016). Abatement level in environmental agreements when firms are heterogeneous in abatement costs.

Journal Publications
  doi: 10.1111/jpet.12204.


**Other**


**Presentations**


Proceedings Publications


Reviews


The College of Business and Technology (CBT) has built a reputation as the best business school in the region by providing high quality business education, research that includes the creation of both basic and applied knowledge and service within the represented professional disciplines and the stakeholders of the East Texas region. The CBT has experienced double digit growth during each of the last five years. The fall 2016 enrollment exceeded 2700 students, 1300 being graduate students. Both undergraduate and graduate students are involved with faculty in research projects which benefit area businesses. Over 60 student research projects involving 675 students were conducted during the year.

In addition to the teaching and directing of student research projects, 91% of the tenure-track faculty had at least one article published in the 2015-2016 academic year. CBT faculty members published 193 peer-reviewed articles (3.6 articles per faculty) and presented 60 papers at academic conferences. There were two books authored and 36 chapters were published in academic books.

The outreach centers within the College of Business and Technology have had a significant impact on the East Texas region this year through their efforts. The Hibbs Institute for Business and Economic Research hosted the East Texas Economic Development summit with Laila Assanie from the Dallas Federal Reserve Bank the keynote speaker. The Center for Retail Enterprises (CRE) hosted a Retail Summit in both Tyler and Longview. The Center for Family & Small Enterprise hosted a Small Business Boot Camp, where experts were brought in to educate East Texas small business owners, and the Texas Productivity Center provided the Lean Six Sigma certification for area industry. The Leadership Speakers Series featured Lou Holtz. Computer Science held the first Cyber Patriot Games Hackathon and its Robotics team placed 5th at the Texas Tournament.
Chapters

Journal Publications
Creative Productions

Journal Publications


http://dx.doi.org/10.1007/s10878-015-9878-6.


**Poster Presentations**


**Presentations**


Proceedings Publications

Funded Grants
Subramanian, Narayanan (PI). Logistics Error Management System - Phase 2, AFRL - SBIR (September 30, 2015), USD $50,000.00.
DEPARTMENT OF HUMAN RESOURCE DEVELOPMENT

Books

Chapters

Journal Publications


**Other**


**Presentations**


Proceedings Publications


Cockrell, C., Ellinger, A. D., & Astakhova, M. (2015). Examining the relationships between project management complexity, shared leadership, and political skill on team effectiveness. In AHRD.


DEPARTMENT OF FINANCE AND ACCOUNTING

Chapters

Journal Publications


**Poster Presentations**


**Presentations**


DEPARTMENT OF FINANCE AND ACCOUNTING (continued)


East Texas Center for Nonprofits with United Way of Smith County.
Chicago, IL.
Willis PhD, CPA, V. F. (2015, March). Technology in the Accounting Program. 2015 Southwest AAA Regional Meeting.
Houston, TX: Southwest American Accounting Association.

Proceedings Publications
DEPARTMENT OF MANAGEMENT AND MARKETING

Books

Chapters

Journal Publications


Proceedings Publications

Reviews
Books

Chapters

Journal Publications

Presentations
The College of Education and Psychology's core purpose is to prepare competent, caring, and qualified professionals in the fields of education, psychology and counseling and to advance the knowledge base in our respective disciplines.

It is an awesome responsibility and a tremendous public trust. We embrace this trust by:
1) preparing the next generation of educators and mental health professionals, 2) expanding the knowledge base in our respective disciplines, 3) providing service to improve the quality of life within our region and state.

Our passion within the College of Education and Psychology is to prepare the next generation of Texas educators and mental health professionals. We know that one day one of our former students will teach a child to read, counsel a client through a difficult period or inspire a student to dream big.

The College of Education and Psychology consists of a community of scholars charged with expanding the knowledge base within our respective disciplines. This is accomplished through the research and scholarship our faculty pursue. This past year the College experienced a 200% increase in authored books and 63% increase in journal publications. The Department of Educational Leadership and Policy Studies under the direction of Dr. Yanira Oliveras-Ortiz and Dr. Jennifer Jones, published the first online journal at the University entitled, Diversity, Social Justice & the Educational Leader.

The College of Education and Psychology and the Ingenuity Center continues to lead the University in external grant funding. During 2015-16 the faculty within the College generated 7.7 million dollars in external funding to provide scholarship funds for preservice teacher preparation, professional development for inservice teachers, direct services to middle school students as well as other initiatives. The School of Education and Dr. Michael Odell, Vice President for Sponsored Research and Professor of Education and Mrs. Cindy Sherman, Senior Lecturer in Education lead these initiatives.

In his book, Living, Loving and Learning, Leo Buscaglia uses the following metaphor to describe teaching, “Ideal teachers are those who use themselves as bridges over which they invite their students to cross, then having facilitated their crossing, joyfully collapse, encouraging them to create bridges of their own.” The College of Education and Psychology is honored and privileged to build bridges to the future through our commitment to exemplary teaching, significant research and outstanding service.
DEPARTMENT OF EDUCATIONAL LEADERSHIP

Books

Chapters
Jones, J. S. (2015). The superintendent’s perspective on online educational leadership preparation programs. In In V. Vaughn, G. Miller, & Y. Oliveras-Ortiz (Eds.), Preparing future ready education leaders through globalized online learning (pp. 26–42). Ypsilanti, MI: NCPEA Publications.
DEPARTMENT OF EDUCATIONAL LEADERSHIP (continued)

Journal Publications

Other

Presentations

Proceedings Publications
DEPARTMENT OF PSYCHOLOGY AND COUNSELING

Chapters


Journal Publications


Other


Poster Presentations


DEPARTMENT OF PSYCHOLOGY AND COUNSELING (continued)


Presentations


Long Branch High School.


Proceedings Publications

Reviews

Funded Grants
Sass, Sarah. East Texas Psi Chi 2016 Student Research, Psi Chi, (June 7, 2016), $2,000.
**Books**


**Chapters**


**Creative Productions**

Consalvo, A., & Takehana, E. (2015). 2015 Robert Cormier: Censorship and Intolerance Exhibit and Symposium. Online exhibit still available; Symposium was available nationwide via digital communication tools (Zoom). Fitchburg State University; Fitchburg State University and The University of Texas at Tyler School of Education and Robert Muntz Library.

**Journal Publications**


Other


Poster Presentations


Presentations


Estes, M. B., Zolkoski, S. M., & Bullock, L. M. (2015, September). Using evidence-based practices to meet the mental health needs of children and youth worldwide. 9th World Congress on the Promotion of Mental Health and the Prevention of Mental and Behavioural Disorders.


Everling, K. M. (2015, October). Incorporating Study/Travel Abroad into a Teacher Education Program for Bilingual and ESL Teacher Candidates. Texas Association for Bilingual Educators Annual Conference. El Paso, TX: Texas Association for Bilingual Educators.


Lamb, J. H. (2015, March). iPAd Mathematics: How teacher educators can use iPads to teach mathematics. Invited presentation to faculty and graduate students at Baylor University. Waco, TX.

SCHOOL OF EDUCATION (continued)


Proceedings Publications


Funded Grants

Lamb, John. Pathways of Promise 2.0: Middle School Math Project, E3 Alliance (Greater Texas Foundation), (June 1, 2016), $51,071.

Odell, Michael. Texas Teacher Residency Program Phase 2: An Apprenticeship Model for Texas, Texas Higher Education Coordinating Board through TAMU-Commerce, (September 1, 2015), $322,578.

Odell, Michael. The Work-Study Student Mentorship Program, Texas Higher Education Coordinating Board, (September 1, 2015), $100,000.

Prescod, Diandra. UCF COMPASS: Convincing Outstanding-Math-Potential Admits to Succeed in STEM, National Science Foundation, through University of Central Florida, (April 21, 2015), $5,000.

Sherman, Cynthia (PI), Smith, Nathan (CoPI) Texas Regional Collaboratives in Mathematics, Texas Education Agency through UT Austin (May 1, 2016 - July 1, 2017) Awarded: May 1, 2016, USD $140,000.00.

Sherman, Cynthia (PI), Smith, Nathan (CoPI) Texas Regional Collaboratives in Mathematics, Texas Education Agency through UT Austin (May 1, 2015 - July 1, 2016) Awarded: May 1, 2015, USD $193,964.00.

Swain, Colleen. Teaching with Primary Sources, Library of Congress, (March 17, 2016), $20,000.
The past academic year has been one of growth and change in the College of Engineering (COE). We are pleased to welcome four new full-time faculty, but also sadly had to say goodbye to our previous Dean, Dr. James Nelson, who left to serve as the Director of Texas A&M University System Engineering Academic Initiatives. This year, the College managed major growth in undergraduate enrollment, including demonstrating sustainable growth at the Houston Engineering Center (HEC), our second campus home that opened in 2013. Our IEEE student group earned the Region 5 Best Student Branch Award, and our Department of Civil Engineering and ASCE Student Chapter successfully bid for and hosted the 2016 ASCE National Concrete Canoe Competition, which brought schools from across the U.S. and Canada such as UCLA and the University of Wisconsin to UT Tyler. In our Department of Mechanical Engineering, our faculty and students have continued to successfully collaborate with NASA to support training for the NASA Orion Spacecraft.

2015-2016 was busy one for the college on the research front. Achievements of note included our Department of Civil Engineering with 100% of non-administrative faculty with ongoing or new extramural funding. Additionally, the COE published 20 journal articles and 26 conference papers, while submitting 38 research proposals to external funding agencies.

In research, we have recently identified five specific focus areas. Noted below are example projects and people who are currently exploring in these areas through external funding support:

**Civil and Infrastructure:** Dr. Mena Souliman has won awards and recognition for his work with Bike Lanes in Mid-Sized Cities, and his work in Behavior of Asphalt Pavements.

**Electrical:** Dr. Mukul Shirvaikar is partnering with researchers in Health and Kinesiology to improve the usefulness of bone scans through Image Processing and Pattern Recognition.

**Energy and Sustainability:** Dr. Michael McGinnis is partnered with the University of Notre Dame and New Mexico State University on an NSF funded project studying the impacts of Recycled Concrete Aggregates for use in Concrete.

**Mechanical and Biomedical:** Dr. Hassan El-Kishky and Dr. Shirvaikar are studying new Fuel Cell Technology.

**Building Air Quality and Energy (BAQE) Center:** Dr. Nelson Fumo is developing models to better predict net zero home energy use utilizing our UT System Core Facility in this area.

Finally, I want to mention a very important event for our college – the 2016-2017 is our 20th Anniversary! Please look for more information as we plan a suite of events and activities to celebrate this important milestone.
CONSTRUCTION MANAGEMENT

Proceedings Publications

DEPARTMENT OF CIVIL ENGINEERING

Journal Publications

Other
Saygili, G. (2016). LABORATORY TESTS ON TS-SS TREATED CLAY AND BASE MATERIALS.
**Poster Presentations**


Shankar, K., & Souliman, M. (2016, April). Effectiveness of Rehabilitation Options on Roughness Using LTPP Section Data for New Mexico. The Lyceum Student Research Showcase. The University of Texas at Tyler.


**Presentations**


Souliman, M., & Zavanga (UT Tyler Student), P. (2015, July). HUB-AND-SPOKE TYLER BIKE LANE STUDY. Tyler Chamber Surface Transportation Committee lunch and learn meeting. Tyler, TX.


**Proceedings Publications**


Reviews


Funded Grants
Gangone, Michael (PI) Utilizing UAVs for Bridge Inspection, Ogdensburg Bridge and Port Authority (Subcontract to Clarkson University (January 1, 2016 - December 30, 2016), USD $7,000.00.

Saygili, Gokhan (PI) Large deformation finite element analysis for cone penetration tests, Norwegian Geotechnical Institute (September 1, 2015), USD $2,000.00.

Saygili, Gokhan. Pilot Lab Test Program, Terra Pave, Inc. (September 1, 2015), $6,000.
Journal Publications
February 2015, 393-406.

Poster Presentations

Presentations
Shirvaikar, M. (2015, July). Energy Research at the University of Texas at Tyler. Adani Power Training and Research Institute, Ahmedabad, India.

Proceedings Publications
Department of Electrical Engineering (continued)


Funded Grants

Shirvaikar, Mukul (PI) Electrical System for Enhancement of Equipment, Brookshire (May 1, 2015 - August 31, 2017)
Awarded: February 22, 2015, USD $50,229.00.

Department of Mechanical Engineering

Books


Journal Publications


Poster Presentations


Presentations

DEPARTMENT OF MECHANICAL ENGINEERING (continued)

Biswas, M. A. R. (2015, February). Analysis of an integrated air-breathing direct methanol fuel cell hybrid system for portable electronic devices. Galveston Bay Section Luncheon Meeting. NASA Gilruth Center, Houston, TX: Galveston Bay Section of the Institute of Electrical and Electronic Engineers (IEEE).


Proceedings Publications


Funded Grants

Brown, Fredericka (PI). Texas Regional Collaborative for Excellence in Science and Mathematics Teaching - Science Collaborative (May 1, 2016) Awarded: May 1, 2016, USD $138,000.00.

Brown, Fredericka (PI). Texas Regional Collaborative for Excellence in Science and Mathematics Teaching - Science Collaborative (May 1, 2015) Awarded: May 1, 2015, USD $149,000.00.

2016 was an exciting year for the College of Nursing and Health Sciences (CNHS). The continued growth and development of new programs had led to a surge of activity for students as well as faculty and staff. CNHS currently houses the School of Nursing, Department of Health & Kinesiology and Institute for Integrated Healthcare with 87 Faculty (38 tenured/tenure track, 49 clinical instructor/lecture), 22 staff members, 2,445 students (1,900+ undergraduates and 500+ graduates), and offers 11 degrees; School of Nursing (6 degrees and 4 certificates); BSN; MSN-Administration (+ certificate); MSN-Education (+ certificate); MSN-Family Nurse Practitioner (+ certificate); Executive Nursing Informatics certificate; DNP; and PhD.; Department of Health & Kinesiology (5 degrees): BS Kinesiology; BS Health Studies; BA Wellness; MS Kinesiology; and MS Health Sciences.

The Institute for Integrated Healthcare (IIH) was established in 2015 for acquiring external research funding, enhancing student learning in research and promoting community health. The IIH hosted their first Research Collaboration Luncheon October 28, 2016 with 65 participants. Participants came together to develop research partnerships within their research specialties. Plans for additional collaboration events are underway.

CNHS Faculty have been very productive in their Scholarship endeavors. Forty-eight peer reviewed full length publications and 50+ national/international presentations were generated in 2016.

Attaining grant funding has also played a major role within the college during 2016. $2,427,400 in external grants (2 federal and 6 foundation/state proposals) were awarded and/or in progress in 2016. Among the external grants, Dr. Sandra Petersen, DNP Program Director and Family Nursing Practitioner (FNP) faculty, received a $2.1 million dollar grant from Health Resources and Service Administration (HRSA) to support the expansion of the FNP program and increase the number of graduates who will provide primary care services to rural and underserved populations of Texas.

The Nursing online graduate programs continue to receive state and national recognition. The 2017 US News & World Report “Best Online Nursing Programs” edition ranks UT Tyler’s graduate nursing program 13th in the nation and No. 1 in Texas.

In March 2016, Family Nurse Practitioner faculty and members of UT Tyler Administration met with representatives from Walmart headquarters to begin forging a relationship between the School of Nursing and Walmart Care Clinics. The relationship continues to develop as family nurse practitioner students complete clinical practicum hours with healthcare providers in designated Walmart Care Clinics in Texas. To date, Walmart has provided the School of Nursing with two scholarships to support master’s level students.

International relationships for the College were strengthened during 2016. The College sponsored 7 International Visiting Scholars from various international universities throughout the year and hosted 31 international visitors from Taiwan and China for an Innovations in Teaching workshop from July 18-31, 2016. Twenty nurses and nine leaders in Health, Kinesiology, and Sports attended. Participants took part in workshops focused on teaching methods used in the classroom or simulation labs. Content was delivered by UT Tyler CNHS faculty. Feedback was very positive and participants identified how they will apply what they learned in the context of their job responsibilities in country. Plans for an international workshop for Summer 2017 are currently underway.

In summary, due to the extraordinary efforts CNHS department chairs, committee chairs, faculty and staff, 2016 has been a very productive year for the CNHS. Our student enrollment and external grant funding have increased. Our Nursing online graduate programs continued to be highly ranked nationally and we have been more engaged in globalization activities in the CNHS. We are looking forward to a more exciting and prosperous year in 2017.
DEPARTMENT OF HEALTH AND KINESIOLOGY

Chapters

Journal Publications


DEPARTMENT OF HEALTH AND KINESIOLOGY (continued)

Posters Presentations
Njororai Simiyu, W. W., & Njororai, F. J. (2015, December). College of Nursing and Health Science Students’ Self-rating of their Physical Activity Involvement Over a 7-Day Period. 92nd TAHPERD Annual Convention, December 2-5, Dallas, Dallas, Sheraton Hotel: TAHPERD.

Presentations
American Society for Bone and Mineral Research.


**Proceedings Publications**


**Funded Grants**

Cooper, Cheryl. Department of State Health Services Tobacco Quit Line Evaluation and Outreach Assistance, Texas State Department of Health Services, (April 21, 2015), $5,000.

Tseng, Benjamin (PI), Zhang, Rong (CoInvestigator), Cullum, C (CoInvestigator), Levine, Benjamin (CoInvestigator), Lu, Hanzhang (CoInvestigator), Huang, Hao (CoInvestigator), Díaz-Arrastia, Ramon (CoInvestigator), Rossetti, Heidi (CoInvestigator), Arce-Esquível, Arturo (Other), Shibata, Shigeki (CoInvestigator), Yong-Sheng, Zhu (CoInvestigator), Harel, Noam (CoInvestigator). Reduction in Arterial Stiffness and White Matter Burden Reduces Stroke Risk in Patients with Atrial Fibrillation, American Heart Association (AHA) (July 1, 2015 - June 30, 2017) Awarded: May 15, 2015, USD $140,000.00.
SCHOOL OF NURSING

Books


Chapters


Creative Productions


Journal Publications


SCHOOL OF NURSING (continued)


Other


Poster Presentations


Rizer, C. A. (2015, September). Pre-op Evaluation Challenges for the PCP: Interpreting the New ACC/AHA Guidelines. 2nd Annual Evidence-Based Practice Conference. Green Acres Baptist Church, Crosswalk Center: The University of Texas at Tyler; Trinity Mother Frances Healthcare System; ATI Nursing Education.


SCHOOL OF NURSING (continued)
SCHOOL OF NURSING (continued)

Presentations

Caruso, K. C. (2016, May). Cutting-edge Gerontological Nursing Issues in the United States-2016. Hungkuang University, Department of Nursing. No. 1018, Sec. 6, Taiwan Boulevard, Shalu Dist. Taichung City, Taiwan: Hungkuang University, Department of Nursing.


Crisp, M. D. (2015). Member of Expert Panel. Interprofessional Evidence-Based Practice Conference. Tyler, TX: The University of Texas at Tyler.


Proceedings Publications


Funded Grants
Petersen DNP, APRN, FNP/GNP-BC, PMHNP, Sandra (PI). Advanced Nursing Education - True North Partnership Model, HRSA (July 1, 2015) Awarded: July 1, 2015, USD $2,100,000.00.
The Ben and Maytee Fisch College of Pharmacy was established in fall 2013 with the mission to advance the public health and wellness of the citizens of East Texas and beyond through innovation and collaboration in pharmacy, education, scholarship, and advocacy. In fall 2015, the pioneer class of 82 students was enrolled and the faculty began delivering an integrated curriculum using an innovative pedagogy that emphasizes communication, critical thinking, and teamwork. Students embraced the team-based learning method of teaching as it offered greater engagement during class and the opportunity to work in student teams to solve real-world problems.

The Fisch College of Pharmacy is housed in the award-winning W.T. Brookshire Hall which offers leading edge technology in an elegant and comfortable setting. Classrooms are specifically designed to facilitate cooperative learning as faculty facilitate discussions amongst student teams. With faculty offices, classrooms, and laboratories at the center of each floor, the building’s design encourages interactions between faculty and students which reinforces the student-focused approach to the Doctor of Pharmacy program.

Two departments are the academic components of the Fisch College of Pharmacy. The Department of Pharmaceutical Sciences, chaired by Dr. Rahmat Talukder, consists of nine faculty members with scholarship interests ranging from novel drug delivery systems to team-based learning through virtual reality. The Clinical Sciences Department is chaired by Dr. Brad Brazill and consists of 11 faculty members and continues to grow. Areas of practice specialty are varied to meet the needs of the students and patients in East Texas. Scholarship interests include clinical trials design, health literacy, antibiotic stewardship and a host of other topics.

Although a great amount of the faculty’s time and effort has been spent on establishing the College, crafting policies, and developing a creative and impactful curriculum, faculty have also been active in advance research and scholarship in the pharmaceutical and clinical sciences.
Journal Publications

Presentations
Snella, K. (2016, July). Immunization Update 2016. Grand Rounds Presentation at University of Texas at Tyler Health Sciences Center and University of Texas Health Northeast. Tyler, Texas: University of Texas at Tyler Health Sciences Center and University of Texas Health Northeast.
Journal Publications


Patents


Poster Presentations


Gunaseelan, S. (2015, May), Post-PharmD Fellowships in US Pharmacy Colleges. The University of Texas at Tyler’s Research Council Faculty Poster Session. The University of Texas at Tyler, UC Ballroom: Research Council.


Jones, J.S. (2016, May), An Educational Board Game to Assist PharmD Students in Learning Autonomic Nervous System Pharmacology. Faculty Poster Session. The University of Texas at Tyler, UC Ballroom: Research Council.

DEPARTMENT OF PHARMACEUTICAL SCIENCES (continued)


Takemoto, J.K. (2016, May). Overview to the Effects of Melatonin on Mitochondrial Relevant Biomarkers in Diabetes. The University of Texas at Tyler’s Faculty Poster Session. The University of Texas at Tyler, UC Ballroom: Research Council.

Presentations
Brunner, L.J. (2016, May) Barnyard Kinetics: Don’t be Chicken! Ben and Maytee Fisch College of Pharmacy Preceptor Development Conference, The University of Texas at Tyler, Tyler, TX.
Brunner, L.J. (2016, April) Ben and Maytee Fisch College of Pharmacy. UT Health Northeast Grand Rounds, Tyler, TX.
Brunner, L.J. (2015, September) Est Futurum Multi Salutaris (The Future is Many Healing One), Interprofessional Evidence-Based Practice Conference, Tyler, TX.
Brunner, L.J. (2015, September) Learning in Teams. Interprofessional Evidence-Based Practice Conference, Tyler, TX.

Proceedings Publications

Funded Grants
Gunaseelan, S. (May 2016). Intramural Grant on “Elimination of Bitterness in Pediatric Oral Suspensions using Novel Formulation”. The University of Texas at Tyler Research Award, $5,000.00.