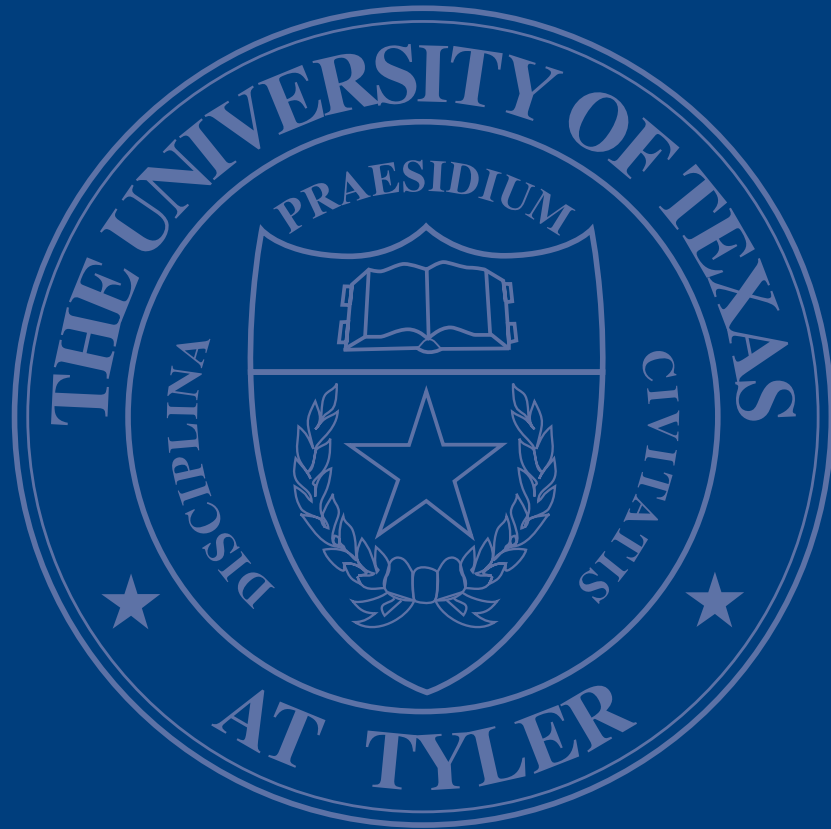
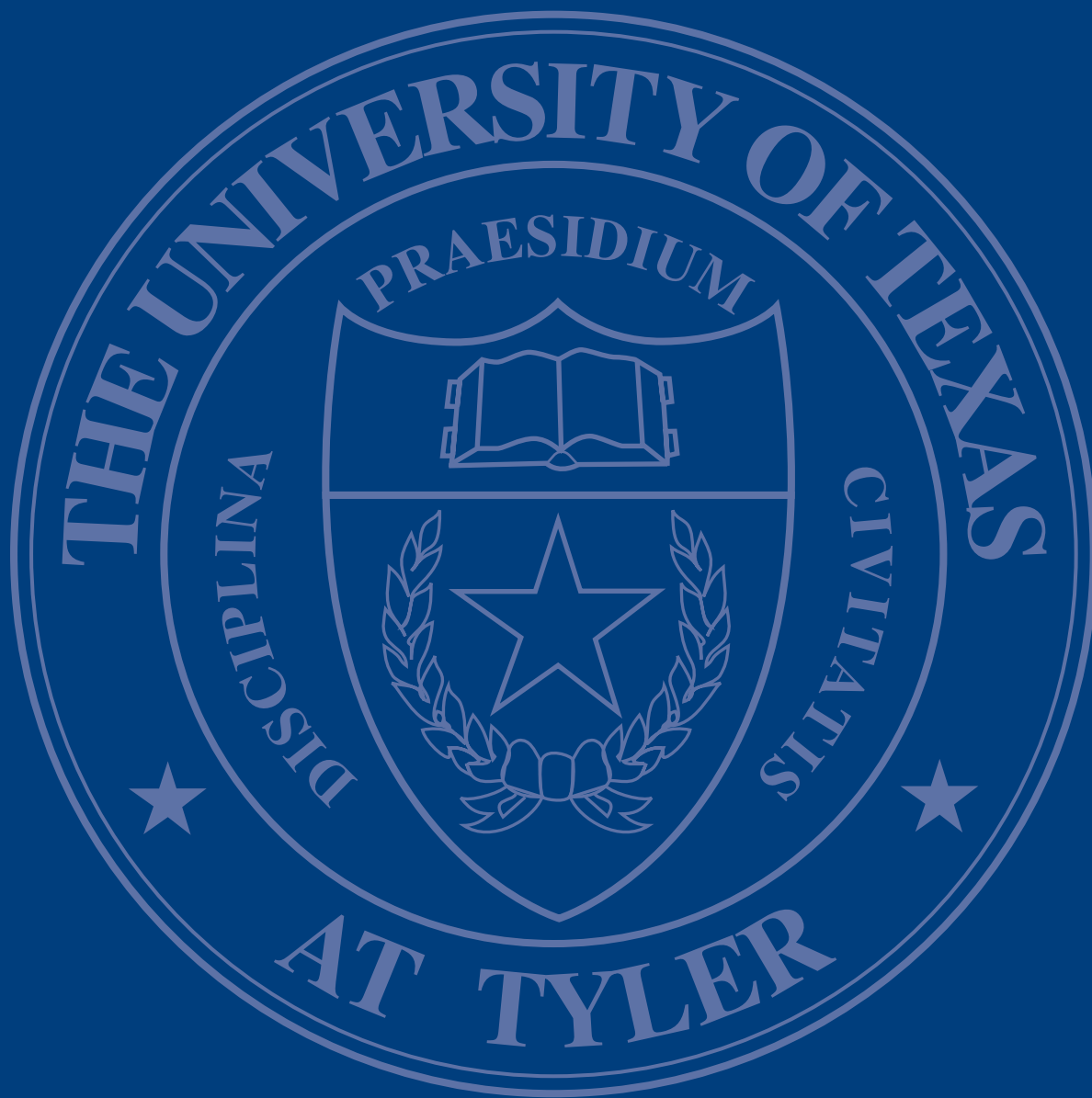


THE UNIVERSITY OF TEXAS AT TYLER



FACULTY
SCHOLARSHIP

JANUARY – DECEMBER 2014



FROM THE PRESIDENT

The faculty of The University of Texas at Tyler are the heart of this institution. Day by day in our classrooms, faculty members exhibit great passion for their work, extraordinary dedication to students, and an unending drive to excel in their fields.

As president, I never tire of sharing the outstanding accomplishments of the faculty at this university. Our faculty excel in areas both measurable and intangible. Inside this publication, the first of its kind for UT Tyler, you will find a lengthy list of recent academic accomplishments from our faculty members. It's an impressive collection.

That list, compiled from the data entered into Faculty 180, reveals that our faculty are more dedicated than ever to becoming experts in their respective fields. Between 2010 and 2015, the number of scholarly contributions from our full-time faculty increased by 59%. Last academic year, the average number of scholarly contributions per full-time faculty member in 2014 was 2.44.

Our faculty members are writing more articles, authoring more books, presenting more papers and conducting more research than ever. In the past year, our faculty members have been Fulbright scholars, worked with high-level organizations such as NASA and the U.S. Army, and made their mark internationally through exhibits and research conducted beyond our borders. Truly our faculty are dedicated to expanding the influence of this university.

Our faculty members also make a substantial difference in this community. From 2012-2014, The University of Texas at Tyler faculty participated in more than 1,000 service activities, or an average of 3.8 contributions per faculty member. Through collaborations with food pantries, philanthropic organizations and health clinics, our faculty members have made East Texas a better place to live.

No university could exist without faculty, and I am proud of the extraordinary accomplishments of those who choose to be a part of this university.

Dr. Rodney H. Mabry

President, The University of Texas at Tyler

INGENUITY CENTER

The Ingenuity Center is an Interdisciplinary Research and Development center that brings together faculty, students, and staff from the College of Education and Psychology, College of Engineering, the College of Nursing and Health Sciences and independent researchers in an effort to improve STEM Education across Texas. In 2014, the Ingenuity Center secured grants and contracts in excess of \$7 million dollars. The Ingenuity Center is designed as a UT System Core Research Facility, the UT Tyler Education Research and Development Laboratory that consists of three charter laboratory schools and informal education venues. The Core Facility includes the Ingenuity Center, the Innovation Academy, and the Discovery Science Place. The laboratory schools are utilized to study promising educational practices, field test of new curricula and learning technologies as well as educator preparation and professional development. In addition, access to informal education settings allow for the study of outside of school learning. Researchers from education, engineering, and psychology are currently using the facilities for research and development.

Initiatives include:

- The University Academy after school program that impacted close to 3,000 area public school students in Tyler ISD, Chapel Hill ISD, Winona ISD, Fruitvale ISD, the Innovation Academy Palestine and Trinity Charter Schools.
- Texas Project Lead the Way (PLTW) is a statewide STEM initiative that impacts all regions of the state. PLTW includes STEM programming including PLTW Launch for Elementary Schools, PLTW Gateway to Technology for Middle Schools, and PLTW Pathway to Engineering, PLTW Computer Science and PLTW Biomedical Science for High School. UT Tyler trains over 500 teachers annually to deliver the programs in schools.
- There are also a number of teachers development programs including T-STEM, Texas Regional Collaboratives for Math and Science, the GLOBE Program, Texas Teacher Residency Program, UT Tyler UTeach Replication and Teacher Quality program.

Faculty and Staff involved in 2014 Ingenuity Center R&D Initiatives include:

College of Education: Dr. Michael Odell, Dr. Wesley Hickey, Dr. Vance Vaughn, Dr. Colleen Swain, Dr. Eric Stocks, Dr. Teresa Kennedy, Dr. Mark Lewis, and Dr. Bambi Bailey
College of Engineering: Dr. James Nelson, Dr. Fredericka Brown

College of Nursing and Health Sciences: Dr. Gloria Duke

College of Arts and Sciences: Dr. Nathan Smith, Dr. Randy Back, Dr. Neil Gray, Dr. Blake Bextine

Ingenuity Center: Mark Parkerson, Donna Wise, Julie Moore, Chris Rasure, Tambllyn Wallace, Christy Murray

Innovation Academy: Dr. Joann Simmons, Jaclyn Pedersen, Brian Weaver

In addition over 200 university students were involved in Ingenuity Center projects.





THE UNIVERSITY OF TEXAS AT TYLER COLLEGE OF ARTS AND SCIENCES



The College of Arts and Sciences is positioning itself to be 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 on to graduate level work. Many will remain here and secure an M.A. or M.S. 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.

The college's Department of Biology has become a leader in various areas of biological research. Conservation biology, in both aquatic and terrestrial eco-systems, 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. These include planning for the upcoming Texas Health Summit that will soon be scheduled with a firm date in 2016 and creating a political polling office for East Texas. The first poll was conducted during August and September 2014, 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.

Creative Productions

- Hughes, A. (2014). "Flow into the Mystic: Marriage and the Contemporary Artist"
Group Exhibition at the Bell Gallery, Tyler Museum of Art. Tyler Museum of Art, Tyler, Texas.
- Hughes, A. (2014). Painting Alumni Retrospective of Syracuse University.
Group Exhibition at 914 Works Gallery, Syracuse, New York. Syracuse, New York.
- Hughes, A. (2014, April). The Grand Getaway. *Solo Exhibition at Gross McCleaf Gallery, Philadelphia, PA.*
- Hughes, A. (2014, March). Dialogue in Color. *Group Exhibition at The Drawing Room Art Gallery in Cos Cob, CT.*
- Hughes, A. (2014, May). Finalist: The Hunting Art Prize Finalist and Award Gala Exhibition.
Group Exhibition of the Finalists for The Hunting Art Prize, Houston, TX. Houston, TX: The Hunting Corp. LLC.
- Hughes, A. (2014, September). Watercolors by Alexis Serio. *Solo Exhibition at Strecker-Nelson Gallery.*
Manhattan, Kansas.
- Pace Professor, J. (2014). Alabama National. *sella-Granata art Gallery. Tuscaloosa, Alabama: University of Alabama.*
- Pace Professor, J. (2014). Given Form. *Foundry Art Centre. St. Charles, Mo: Foundry Art Centre.*
- Pace Professor, J. (2014). International print exchange. *7 Dunham Gallery. Brooklyn, NY: 7 Dunham Gallery.*
- Pace Professor, J. (2014). Time Will Tell: Artistic Wisdom and Experience. *Coburn Gallery. Ohio: Ashland University.*
- Pace Professor, J. (2014). world-wide print exhibition. *Brooklyn Art Library. Brooklyn, NY: Brooklyn Art Library.*
- Pace Professor, J. (2014, Spring). Signs. *International Print Exhibition. Brooklyn, NY: Brooklyn Art Library.*
- Pace Professor, J. (2014, Spring). Time Will Tell. *National Exhibition. Ashland, Ohio: Ashland University.*
- Wright, M. (2014). 5th Biennial Concordia Continental Ceramics Competition.
University Gallery, St. Paul, MN: Concordia University St. Paul.
- Wright, M. (2014, February 1). 14th Annual Juried Cup Show, Kent State University.
Downtown Gallery, Kent, OH: Kent State University.

Journal Publications

- Wright, M. (2014). Clouds: Capturing Ephemeral Imagery in Enduring Materials. *NCECA Journal, 35, 96–97.*

Other

- Hughes, A. (2014). Cover Design for The Wallace Stevens Journal, V38 #2 (cover design).
- Hughes, A. (2014). Designed cover for the Wallace Stevens Journal, V38#1 (graphite drawing).
- Joyner, V. (2014, July). Poster: Hunger for Peace. Tyler Museum of Art: Hunger for Peace Visual Art Exhibition,
Tyler, Texas: Art of Peace Festival.
- Robertson, L.C., guest curator, *Between the states: Photographs of the American Civil War from the George Eastman House and The American Civil War's Impact on Tyler*, Tyler Museum of Art,
December 18, 2015-February 15, 2015.
- Wright, M. (2014). Banff Artist In Residence.

Presentations

- Robertson, L. (2014, October). *Gotham and American Celebrity Culture in the Mid-Nineteenth Century.*
Midwest Popular Culture Association Conference.
- Wright, M. (2014, March). Clouds: Capturing Ephemeral Imagery in Enduring Materials. NCECA 2014.
Milwaukee, WI: NCECA.

Reviews

- Lisot, E. (2014). Review of Nuns and Reform Art in Early Modern Venice: The Architecture of Santi Cosma e Damiano and its Decoration from Tintoretto to Tiepolo by Benjamin clairPaul. *Book Reviews: Sixteenth Century Journal.*



DEPARTMENT OF BIOLOGY

Creative Productions

Azghani, A., Florova, G., & S, I. (2014, January). Intrapleural adenoviral delivery of human plasminogen activator inhibitor-1 exacerbates tetracycline-induced pleural injury in rabbits. *Respir Cell Mol Biol*

Journal Publications

- Arp, A., & Bextine, B. (2014). A global comparison of *Bactericera cockerelli* microbial communities. *Environ. Entomol*, 43(2), 344–352.
- Arp, A., Munyaneza, J., Crosslin, J., Trumble, J., & Bextine, B. (2014). A global comparison of *Bactericera cockerelli* microbial communities. *Environ. Entomol*, 43(2), 344–352.
- Azghani, A., Alhariri, M., & Omri, A. (2014). Liposomal antibiotics for the treatment of infectious diseases. *Expert Opin Drug Deliv*, 10(11), 1515–32.
- Azghani, A., Idell, S., Pendurti, U., Amaro, R., Baker, J., Omri, A., & Neal, K. (2014). Activation of Fibroblasts Epidermal Growth Factor Receptor by *Pseudomonas aeruginosa* Elastase (manuscript #: 10-PONE-RA-19641). *Microbiology-UK*.
- Biesbrock, A., Powell, C., Hunter, W., & Bextine, B.R. (2014). Propagation of *Homalodisca coagulata* virus-01 via *Homalodisca vitripennis* cell culture. *JOVE*, 91, e51953–e51953.
- Ford, N. (2014). . The influence of female body size and shape on the trade-off between offspring number and offspring size in two viviparous snakes. *Journal of Zoology*, 295, 154–158.
- Ford, N. (2014). Significant recent records of Unionid mussels in Northeast Texas Rivers. *Walkerana*, 17, 8–15.
- Halbert, S., Wilson, S., Bextine, B., & Youngblood, S. (2014). Potential Planthopper (Hemiptera: Fulgoroidea) Vectors of Palm Phytoplasmas in Florida with a Description of a New Species of *Omolcna*. *Florida Entomologist*, 97(1), 90–97.
- Halbert, S., Wilson, S., Bextine, B., & Youngblood, S. (2014). Potential Planthopper (Hemiptera: Fulgoroidea) Vectors of Palm Phytoplasmas in Florida with a Description of a New Species of *Omolcna*. *Florida Entomologist*, 97(1), 90–97.
- Kambhampati, S., Alleman, A., & Park, Y. S. (2014). Complete genome sequence of the endosymbiont *Blattabacterium* from the cockroach, *Nauphoeta cinerea* (Blattodea: Blaberidae). *Genomics*, 102, 479–483.
- Martin, B., Bernstein, N., Birkhead, R., Koukl, J., Mussmann, S., & Placyk Jr., J. (2014). On the reclassification of the *Terrapene* (Testudines: Emydidae): A response to Fritz & Havaš. *Zootaxa*, 3835, 292–294.
- Monti, M., Mandrioli, M., Bextine, B., Hunter, W., Alma, A., & Tedeschi, R. (2014). Maintenance of primary cell cultures of immunocytes from *Cacopsylla* spp. psyllids: a new in vitro tool for the study of crop pest insects. *In Vitro Cellular & Developmental Biology Animal*, 1–5.
- Monti, M., Mandrioli, M., Bextine, B., Hunter, W., Alma, A., & Tedeschi, R. (2014). Maintenance of primary cell cultures of immunocytes from *Cacopsylla* spp. psyllids: a new in vitro tool for the study of crop pest insects. *In Vitro Cellular & Developmental Biology Animal*, 1–5.
- Oguro-Ando, A., Rosensweig, C., Herman, E., Nishimura, Y., Werling, D., Bill, B., ... Geschwind, D. (2014). Increased CYFIP1 dosage alters cellular and dendritic morphology and dysregulates mTOR. *Mol Psychiatry*.
- Powell, C., Hanson, J., & Bextine, B. (2014). Bacterial Community Survey of *Solenopsis invicta* Buren (Red imported fire Ant) Colonies in the Presence and Absence of *Solenopsis invicta* Virus (SINV). *Current Microbiology*, 1–6.

- Powell, C., Hanson, J., & Bextine, B. (2014). Bacterial Community Survey of *Solenopsis invicta* Buren (Red imported fire Ant) Colonies in the Presence and Absence of *Solenopsis invicta* Virus (SINV). *Current Microbiology*, 1–6.
- Seal, J., & Mueller, U. (2014). Instability of novel ant-fungal associations suggest that microbial interactions constrain horizontal transfer in higher fungus-gardening ants. *Evolutionary Ecology*, 28, 157–176.
- Seal, J., Schiøtt, M., & Mueller, U. (2014). Ant-fungal species combinations engineer physiological activity of fungus gardens. *Journal of Experimental Biology*, 217, 2540–2547.
- Tufts, D.M., Hunter, W.B., & Bextine, B. (2014). *Solenopsis invicta* virus (SINV - 1) infection and insecticide interactions in the red imported fire ant (Hymenoptera: Formicidae). *Florida Entomologist*, 97(3), 1251–1254.
- Walters, A., Chamberlain, K., Ford, N., & Placyk Jr., J. (2014). Influence of atrazine on the scalation of Marcy's checkered garter snake, *Thamnophis m. marcianus* (Baird and Girard, 1853). *Bulletin of Environmental Contamination and Toxicology*, 92, 1–5.
- Welch, E., & Bextine, B. (2014). Patterns in bacterial endosymbionts in the glassy-winged sharpshooter, *Homalodisca vitripennis* (Hemiptera: Cicadellidae). *Current Microbiology*.
- Yu, R., Gui, D., He, X., Tu, Q., & Yu, Y. (2014). Mercury and Selenium in Stranded Indo-Pacific Humpback Dolphins and Implications for their Trophic Transfer in Food Chains. *PLOS ONE*, 9(10), e110336.
- Welch, E., Powell, C., & Bextine, B. (2014). Adult age structure and trends in *Xylella fastidiosa* incidence rates in *Homalodisca vitripennis* (Hemiptera: Cicadellidae) from Texas vineyards. *Journal of Economic Entomology*.

Poster Presentations

- Adkinson, M., Lambeth, L., Halbert, S., & Bextine, B. (2014, February). *Detection of phytoplasma in plant and insect hosts causing Lethal Yellow and Texas Phoenix Palm Decline in Florida. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Bextine, B. (2014, February). *Genomic variations in potato psyllids collected in the U.S., Mexico, and Central America. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Bextine, B. (2014, January). *Potato Psyllid Genome Project. 22th Annual International Plant and Animal Genome Conference. San Diego, CA.*
- Bextine, B. (2014, September). *Biocontrol of Insect Vectors – Potato Psyllids. 25th Brazilian Congress of Entomology. Goianai, Brazil.*
- Bextine, B. (2014, September). *Zebra Chip: Potential of a New Disease in South America. Departmental Seminar at UNESP - Faculdade de Ciências Agrônomicas.*
- Bextine, B., Hail, D., Powell, C., & Hansen, J. (2014, November). *Improved “Candidatus Liberibacter solanacearum” detection in plants and insects. 2014 SCRI Zebra Chip Annual Reporting Session. Portland, OR. [Attachment]*
- Bextine, B., Hail, D., Sharma, B., & Macias, J. (2014, November). *RNAi and potato psyllid management. 2014 SCRI Zebra Chip Annual Reporting Session. Portland, OR.*
- Bextine, B., Lopez, A., Munyaneza, J., Henne, D., & Villanueva, R. (2014, November). *Assessing movement and insecticide resistance in potato psyllid populations between Mexico, Central America, and United States. 2014 SCRI Zebra Chip Annual Reporting Session. Portland, OR.*
- Greenlee, A., Rivaldi, C., Schuster, G., Henke, S., & Bextine, B. (2014, February). *The effectiveness of different primer sets on detecting the presence of Trypanosoma cruzi in Triatoma gerstaeckeri. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*

Invited Speaker

- Lambeth, L., Halbert, S., & Bextine, B. (2014, February). *Detection and molecular characterization of phytoplasma in palm and insect host species in Texas and Florida. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Lopez, A., Hail, D., & Bextine, B. (2014, November). *Comparison of potato psyllid (Bactericera cockerelli) populations from North America and Central America. 2014 ESA Annual Meeting. Portland, OR.*
- Lopez, A., Hail, D., Munyaneza, J., & Bextine, B. (2014, February). *Comparison of potato psyllids (Bactericera cockerelli) populations from North America and Central America. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Macias, J., Soong, G., Hunter, W., & Bextine, B. (2014, February). *Computational prediction of miRNA regulation in Asian citrus psyllid (Diaphorina citri) life stages. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Patton, M., Powell, C., Reed, D., Perring, T., & Bextine, B. (2014, November). *Microbial community analysis of painted bug (Bagrada hilaris) populations. 2014 ESA Annual Meeting. Portland, OR.*



DEPARTMENT OF BIOLOGY (continued)

- Patton, M., Powell, C., Reed, D., Perring, T., & Bextine, B. (2014, February). *Determining genetic structure of the painted bug (Bagrada hilaris) populations. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Powell, C., Halbert, S., & Bextine, B. (2014, February). *Exploration of the bacterial community of three putative palm phytoplasma vectors. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Rivaldi, C., Bextine, B., Powell, C., & Schuster, G. (2014, November). *Analysis of Triatoma gerstaeckeri microbiota next-generation sequencing data. 2014 ESA Annual Meeting. Portland, OR.*
- Rivaldi, C., Powell, C., Greenlee, A., Schuster, G., Henke, S., & Bextine, B. (2014, February). *Identification of the gut microbiome of Triatoma gerstaeckeri using next generation sequencing. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Rydzak, P., & Bextine, B. (2014, November). *Manipulation of Solenopsis invicta virus-1 titers by RNA interference in red imported fire ant (Solenopsis invicta). 2014 ESA Annual Meeting. Portland, OR.*
- Rydzak, P., Hunter, W., & Bextine, B. (2014, February). *Regulation of Solenopsis invicta virus-1 by RNA interference in the red imported fire ant. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*
- Sharma, B., Bextine, B., & Hunter, W. (2014, November). *RNA interference: Potato/tomato psyllid, Bactericera cockerelli, oral delivery of double-stranded RNAi constructs. 2014 ESA Annual Meeting. Portland, OR.*
- Sharma, B., Hail, D., Hunter, W., & Bextine, B. (2014, February). *Oral delivery assay of double - stranded RNAs (RNAi constructs) in the potato/tomato psyllid, Bactericera cockerelli. 62nd Annual Meeting of the ESA SWB. San Antonio, TX.*

Proceedings Publications

- Adkinson, M., Lambeth, L., Halbert, S., & Bextine, B. (2014). *Detection of phytoplasma in plant and insect hosts causing Lethal Yellow and Texas Phoenix Palm Decline in Florida. In Proceedings of the 62th Annual Meeting of the SWB ESA. San Antonio, TX.*
- Bextine, B., Arp, A., Munyaneza, J., Crosslin, J., & Trumble, J. (2014). *Potato Psyllid Symbiont Compilation. In Proceedings of the 13th Annual SCRI Zebra Chip Reporting Session. Portland, OR.*
- Bextine, B., Hail, D., McCue, K., Lazo, G., & Munyaneza, J. (2014). *The Potato Psyllid Genome Project. In Proceedings of the 13th Annual SCRI Zebra Chip Reporting Session. Portland, OR.*
- Greenlee, A., Rivaldi, C., Schuster, G., Henke, S., & Bextine, B. (2014). *The effectiveness of different primer sets on detecting the presence of Trypanosoma cruzi in Triatoma gerstaeckeri. In Proceedings of the 62th Annual Meeting of the SWB ESA. San Antonio, TX.*
- Lambeth, L., Halbert, S., & Bextine, B. (2014). *Detection and molecular characterization of phytoplasma in palm and insect host species in Texas and Florida. In Proceedings of the 62th Annual Meeting of the SWB ESA. San Antonio, TX.*
- Lopez, A., Hail, D., Munyaneza, J., & Bextine, B. (2014). *Comparison of potato psyllids (Bactericera cockerelli) populations from North America and Central America. In Proceedings of the 62th Annual Meeting of the SWB ESA. San Antonio, TX.*
- Macias, J., Soong, G., Hunter, W., & Bextine, B. (2014). *Computational prediction of miRNA regulation in Asian citrus psyllid (Diaphorina citri) life stages. In Proceedings of the 62th Annual Meeting of the SWB ESA. San Antonio, TX.*

- Patton, M., Powell, C., Reed, D., Perring, T., & Bextine, B. (2014). Determining genetic structure of the painted bug (*Bagrada hilaris*) populations. In *Proceedings of the 62th Annual Meeting of the SWB ESA*. San Antonio, TX.
- Powell, C., Halbert, S., & Bextine, B. (2014). Exploration of the bacterial community of three putative palm phytoplasma vectors. In *Proceedings of the 62th Annual Meeting of the SWB ESA*. San Antonio, TX.
- Rivaldi, C., Powell, C., Greenlee, A., Schuster, G., Henke, S., & Bextine, B. (2014). Identification of the gut microbiome of *Triatoma gerstaeckeri* using next generation sequencing. In *Proceedings of the 62th Annual Meeting of the SWB ESA*. San Antonio, TX.
- Rydzak, P., Hunter, W., & Bextine, B. (2014). Regulation of *Solenopsis invicta* virus-1 by RNA interference in the red imported fire ant. In *Proceedings of the 62th Annual Meeting of the SWB ESA*. San Antonio, TX.
- Schuster, G., Ortiz, A., Lopez, A., & Bextine, B. (2014). Central and Western Potato Psyllid Biotype Variation: Field Trials and Genomic Observations. In *Proceedings of the 13th Annual SCRI Zebra Chip Reporting Session*. Portland, OR.
- Sharma, B., Hail, D., Hunter, W., & Bextine, B. (2014). Oral delivery assay of double - stranded RNAs (RNAi constructs) in the potato /tomato psyllid, *Bactericera cockerelli*. In *Proceedings of the 62th Annual Meeting of the SWB ESA*. San Antonio, TX.

Other

- Pundt, S. (2014). TExES Biology Teacher Certification Tests.

Reviews

- Bill, B., & Korzh, V. (2014). Choroid plexus in developmental and evolutionary perspective. *Front Neurosci*. 2014 Nov 14; 8:363. doi: 10.3389/fnins.2014.00363. eCollection 2014.: *Frontiers in Neuroscience*, Neurogenomics Division.
- Hertweck, K. (2014). Phylogenetic biology for both novice and expert learners. Issue 7, Volume 29: *Evolution: Education and Outreach*.

Funded Grants

- Banta, Joshua. A Texas Golden Gladecross-based analysis of Weches Glades in San Augustine and Sabine Counties, Texas, *Texas Parks & Wildlife* (January 13, 2015), \$18,583.00
- Bextine, Blake. Insect-transmitted bacterial pathogen in tobacco, *ALTRIA* (September 4, 2014), \$ 27,000.00
- Bextine, Blake. Improved candidatus liberibacter solanacearm detection in plants and insects, *Texas A&M University* (January 1, 2014), \$ 19,000.00
- Bextine, Blake. Assessing movement and insecticide resistance in potato psyllid populations, *Texas A&M University* (January 1, 2014), \$ 31,000.00
- Ford, Neil. Endangered species research for Freshwater Mussels, Region 2, East Texas, *The State of Texas Comptroller* (May 20, 2014), \$ 299,846.00
- Ford, Neil. Surveys of freshwater mussells in 9 units of the Big Thicket Preserve, *Thicket of Diversity* (April 16, 2014), \$ 13,074.00
- Ford, Neil. Cost effective mitigation strategy for state-listed freshwater mussels, *Texas A&M University* (February 2, 2015), \$ 19,538.00
- Kambhampati, Srini. Purchase of a RT-PCR High Throughput Machine, *United States Department of Agriculture* (February 1, 2014), \$ 49,265.00
- Kellner, Katrin. Evolution of adaptive synergism between mutualistic partners during range-limit evolution, *National Science Foundation* (May 1, 2014), \$ 68,921.00
- Koukl, James. Joint Admission Medical Program FY 15, *The University of Texas System* (September 2, 2014), \$ 12,417.00
- Placyk, John. Endangered species research projects on the Desert Massasauga Rattlesnake, *The State of Texas Comptroller* (May 20, 2014), \$ 206,786.25
- Williams, Lance. Fort Polk Biomonitoring 2015, *Quantitative Ecological Services* (December 15, 2015), \$ 25,000.00
- Williams, Lance. Ecological niche molding and field surveys for the Kisatchie Painted Crayfish, *Texas Parks & Wildlife* (February 21, 2014), \$ 25,920.00

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Creative Productions

Smee, J. (2014, March 3). General Chemistry 2 Mini-Tutorial Video: Equilibrium and Keq. UT Tyler Media Server. UT Tyler: Department of Chemistry and Biochemistry.

Journal Publications

Brantley, M., Zekavat, B., Harper, B., Mason, R., & Solouki, T. (2014). Automated Deconvolution of Overlapped Ion Mobility Profiles. *Journal of The American Society for Mass Spectrometry*.

Gray, H., Flores, M., & Gray, H. (2014). Surfactant-free nanoparticles using sonically-induced emulsion polymerization. *In Proc. of The American Chemical Society*, CHED-961.

Niedrauer, M. L., Carlos, H. F., & Gray, H. N. (2014). Reactive coatings for the sequestration, destruction, and removal of chemical warfare agents from surfaces. *In Proc. of The American Chemical Society*, CHED-1334.

Rynda-Apple, A., Patterson, D., & Douglas, T. (2014). Virus-like particles as antigenic nanomaterials for inducing protective immune response in the lung. *Nanomedicine*, 9(12), 1857-1868

T. Shtoyko, S. Raut, R.M. Rich, R.J. Sronce, R. Fudala, R.N. Fudala, R.N. Mason, I. Akopova, Z. Gryczynski, I. Gryczynski (2014). Preparation of Plasmonic Platforms of Silver Wires on Gold Mirrors and Their Application to Surface Enhanced Fluorescence. *ACS Applied Materials and Interfaces*. 18780-18787.

Poster Presentations

Black PhD, S. (2014, March 17). *Chemistry Toy 1: Improving the Power of Scientific Observation*. 247th ACS National Meeting. Dallas, TX: American Chemical Society.

Butler, S., Calvo, L., & Hazlerig, J. (2014, March). *Studies Toward the Total Synthesis of Solomonamide B*. 247th National Meeting of the American Chemical Society. Dallas, Texas: American Chemical Society.

Butler, S., Cameron, V., & Wetzal, A. (2014, March). *Progress Toward the Total Synthesis of Desmethoxymajusculamide C*. 247th National Meeting of the American Chemical Society. Dallas, Texas: American Chemical Society.

Mason, R., & Butler, S. (2014, August). *Seeking Goldilocks: Expanding catalyzed ester hydrolysis lab for physical and/or organic chemistry laboratories*. Biennial Conference on Chemical Education. Allendale, MI: American Chemical Society.

Mason, R., Butler, S., Bunton, C., & Maldonado, S. (2014, March). *Diversifying Classic Ester Hydrolysis to Illustrate Catalytic, Inductive and Steric Effects in the Physical and Organic Laboratories*. 247th National Meeting of the American Chemical Society. Dallas, Texas: American Chemical Society.

Shtoyko, T., & Sronce, R. (2014, March). "Surface Enhanced Fluorescence Studies of Silver Nanowires on Gold Mirrors" *The 247th ACS National Meeting*. Dallas, TX.

Funded Grants

Gray, Neal. Chemistry Research FY 15, *The Welch Foundation* (June 1, 2014), \$ 36,181.30





DEPARTMENT OF COMMUNICATION

Chapters

Cali, D. (2014). "Personae" in the 2012 Presidential Election. In *Studies of Communication in the 2012 Presidential Campaign* (pp. 41–70). New York: Lexington Books.

Journal Publications

Arif, R., Golan, G., & Moritz, B. (2014). Mediated Public Diplomacy: US and Taliban Relations with Pakistani Media. *Journal of Media, War & Conflict*, 7(2), 201.

Presentations

Cali, D. (2014, June). "Presence and Intersubjectivity in the Media Ecology of Gabriel Marcel" *Media Ecology Association Annual Convention*. Toronto, Canada: Media Ecology Association.

Cali, D. (2014, June). *Mainstreaming of Media Ecology*. *Media Ecology Association*. Toronto, Canada: Media Ecology Association.

Cali, D. (2014, November). *Ancient-Future Communication: Exploring Influential Theological Past(s) in our Theoretical Present*. *Religious Communication Association*. Chicago: Religious Communication Association.

Velten, J. (2014, Autumn). *Engaging the Graduate Student in Learning through Service-Learning: A Case Study*. *Engagement Scholarship Consortium*.

Velten, J. (2014, Spring). *Faith within the Academy: A Case-Study Analysis of Christian University Proficiency in Communicating the Faith of Faith-Based Missions to Students*. *Faith and the Academy Conference*. Montgomery: Faulkner University.

Books

Goebel, L. (2014). *Fourteen Stories, None of Them Are Yours* (p. 185). Tuscaloosa Alabama: FC2/University of Alabama. Recipient of the Ronald Sukenick Prize for Innovative Fiction.

Chapters

Streufert, P. (2014). "Masculinity, Haunting and Twentieth-Century American Realism" In *Theatre and Ghosts: Materiality, Performance, and Modernity* (pp. 113–27). England: Palgrave.

Creative Productions

Goebel, L. (2014, December). A Complaint Against the Jane. *Unsaid 7.1*. Ann Arbor, MI.

Goebel, L. (2014, December). Postcards from Tucson. *Unsaid 7.1*. Ann Arbor, MI.

Goebel, L. (2014, October). "Tough Beauty" *The American Reader*. NY, NY.

Journal Publications

Strong, D. (2014). The Pilgrim's Intuitive Cognition in Pèlerinage de la vie humaine. *Quidditas*, 35.

Other

Harris, J. (2014). "Homo Superior Rises from the Muck" *Praesidium* 14.4.

Presentations

Ross, C. (2014, July). "The Classical Child is Father of the Romantic Man: Grammar School Education in the Romantic Period" *North Atlantic Society for the Study of Romanticism Annual Conference*. Washington, D.C.: North Atlantic Society for the Study of Romanticism.

Roussel-Zuazu, C. (2014, January). *The different types of travel books written in Spain during the nineteenth century and the travel novel as a genre. VII International and Interdisciplinary conference in homage to Alexander von Humboldt Claudio Gay and Ignacio Domeyko*. Santiago, Chile: Humboldt State University, Universidad de Chile, Pontificia Universidad Católica de Chile.

Standridge, E. (2014, Spring). *Students Analyzing Their Own Texts. Conference on College Composition and Communication*. Indianapolis: National Council of Teachers of English.

Strong, D. (2014, June). *Allegory's Pilgrimage to the Medieval Mind: An Intertextual Link between Piers Plowman and Pèlerinage de la vie humaine.* Rocky Mountain Medieval and Renaissance Association Conference, 64th Annual. Denver Colorado: Rocky Mountain Medieval and Renaissance Association.

Strong, D. (2014, October). *An Empathetic Hermeneutic for "A Nocturnal Upon St. Lucy's Day. Sixteenth Century Society and Conference."*

Strong, D. (2014, October). *John Donne and Modern Neuroscience. Society for Literature, Science, and the Arts.*

Tilghman, C. (2014, June). *Mary Kingsley: Gender, Class, and the Politics of Imperialism. 22nd Annual British Women Writers Conference*. Binghamton, NY: Binghamton University (SUNY).

Wu, H. (0, March 19). *Opening English Sources to WAC: Reading and Writing about the Disciplines in Freshman Composition. Conference on College Composition and Communication*. Indianapolis, IN: National Council of English Teachers

Wu, H. (2014, March 1). *WAC and WID Reformulated: Alternative Programming, Reading, Writing, and Assessment for Authentic Composition. Conference on College Composition and Communication*. Indianapolis, IN: National Council of Teachers of English.

on Manifolds

em

is an n -chain in A , $\partial(\partial c) = 0$.

$$c(x) = I^n(x^1, \dots, x^{i-1}, x^{i+1}, \dots, x^{n-1})$$

$$= \sum_{i=1}^n \sum_{\alpha=0,1} (-1)^{i+\alpha} c_{(i,\alpha)}$$

$$= \sum_{i=1}^n \sum_{\alpha=0,1} (-1)^{i+\alpha} c_{(i,\alpha)}$$

What is C

$C: I^n \rightarrow A$

$$I^2 = (-1)^{i+\alpha}$$

DEPARTMENT OF MATHEMATICS

Journal Publications

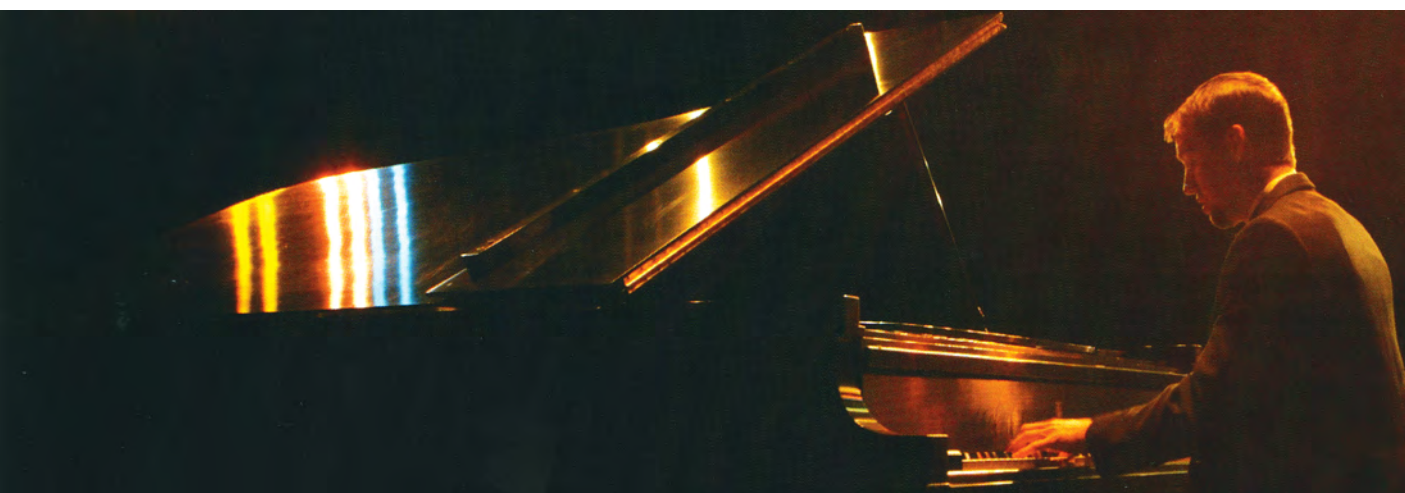
- Graver, J., Graves, C., & Graves, S. (2014). Fullerene Patches II. *Ars Mathematica Contemporanea*, 7, 405–421.
- Graves, C., & Graves, S. (2014). Counting Symmetric and Near-Symmetric Fullerene Patches. *Journal of Mathematical Chemistry*, 52, 2423–2441.
- Milan, D., & Graves, C. (2014). Reliability polynomials with arbitrarily many inflection points. *Networks*, 64(1), 1–5.

Presentations

- Anders, Katie. (2014, November). Asymptotics of sums of non-standard binary representations. Special session Connections in Number Theory, AMS Sectional Meeting, University of North Carolina at Greensboro.

Funded Grants

- Milan, David. REU 2014-2017, *National Science Foundation* (June 1, 2014), \$ 85,003.00
- Smith, Nathan. Improving Teacher Quality Math/Science FY 13-14, *Texas Higher Education Coordinating Board* (February 2, 2014), \$ 300,000.00



SCHOOL OF PERFORMING ARTS

Creative Performances

- Gullings, K. (2014). "The Conqueror Worm" from *Three Macabre Songs*. *College Music Society 2014 Great Lakes Regional Conference*. Fargo, ND: College Music Society 2014 Great Lakes Regional Conference.
- Park, S.-A. (2014). *Baroque to Contemporary Songs*. *Solo Voice Recital*. Braithwaite Recital Hall: UT Tyler Music Department.
- Park, S.-A. (2014). *German Lieder*. *Solo Voice Recital*. Braithwaite Recital Hall: UT Tyler Music Department.
- Rose, C. (2014). *Conductor*. *Joint UT Tyler / Swingle Singers Concert*. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. (2014). *Conductor*. *'Tis Winter Now: UT Tyler Patriot Singers & University Chorale Concert*. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. (2014). *Conductor*. *From Distant Shores: Patriot Singers, University Chorale Concert*. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. (2014). *Conductor*. *How Can I Keep From Singing: Patriot Singers, Brook Hill School Guard Choir*. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. (2014). *Conductor*. *Masterworks Performance: Jesu meine Freude*. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. (2014). *Conductor*. *Patriot Singers Feature Concert*. First United Methodist Church, Henderson: First United Methodist Church, Henderson.

Books

Clark, M., & Mwanzia Koster, M. (2014). *Hip Hop and Social Change in Africa: Ni Wakati*. Lexington Books, Rowman & Littlefield Publishing.

Chapters

Linehan, M. (2014). "Choices: Girls' Sexuality in Late Nineteenth Century Chicago" In *Children of the Gilded Age and Progressive Era* (pp.166-186). New York: New York University Press.

Mwanzia Koster, M. (2014). Mau Mau Inventions and Reinventions. In *Contemporary Africa: Challenges and Opportunities*. Palgrave Macmillan.

Stith, M. (2014). "Black Bears" In *Arkansas in Ink: Gunslingers, Ghosts, and Other Graphic Tales* (pp. 120–121). Little Rock: Butler Center Books.

Wahlrab, A. (2014). "Globalization and Nonviolence" In *The Sage Handbook of Globalization* (pp. 727–738). Los Angeles: Sage.

Wahlrab, A. (2014). "Speaking Truth to Power: Hip-Hop and the African Awakening" In *Hip Hop and Social Change in Africa: Ni Wakati* (pp. 49–63). Lanham, Maryland: Lexington Press.

Presentations

LeBlanc, J. (2014, April). *No Political Solution: The Occupation of Palestinian Narrative in Raja Shehadeh*. Western Political Science Association Annual Meeting. Seattle, Washington: Western Political Science Association.

LeBlanc, J., & Medine, C. (2014, April). *Displacements of Identity in Palestine/Israel: Edward Said and David Grossman*. Midwest Political Science Association Annual Meeting. Chicago, Illinois: Midwest Political Science Association.

Mwanzia Koster, M. (2014, July). "Protecting, Healing and Sustaining the Ukambani Environment: Individual and Community Rituals in Kenya, 2008-2014" African Association for the Study of Religions Conference on Religion, Ecology, and the Environment in Africa and the African Diaspora. University of Cape Town, South Africa: African Association for the Study of Religions.

Snider, C. (2014, August). "The Imposition of Progress: The Space Race and Discourses of Development in Brazilian Media." Brazilian Studies Association. London, England.

Snider, C. (2014, March). "Making Modernity with the Middle Class: Higher Education, Developmental Discourse, and the Rise of White-Collar Professions, 1950-1961." Southeastern Council of Latin American Studies (SECOLAS). New Orleans.

Snider, C. (2014, May). "'Demearing Realities': University Professors, White Collar Mobilization, and the Transition to Democracy in Brazil, 1977-1985." Latin American Studies Association. Chicago.

Stadelmann, M. (2014, April). "The Austrian Freedom Party-The Future of the Extreme Right in Europe." Paper presented at the 2014 National Social Science Association Meeting. Las Vegas: National Social Science Association.

Stadelmann, M. (2014, February). "The French National Front: The Future For France." The 17th Annual American Association of Behavioral and Social Sciences (AABSS) Conference. Las Vegas: American Association of Behavioral and Social Sciences (AABSS).

Stith, M. (2014, February). "Defining the Southern Frontier: Black Bears and Culture in the Nineteenth-Century South" AUMLAC–Southern Studies Conference. Montgomery, AL: Auburn University–Montgomery.

Stith, M. (2014, June). "Swine, Beeves, and War: How Domesticated Animals Shaped the Civil War on the Border" Agriculture History Society Conference. Provo, UT: Agricultural History Society.

Tabri, E. (2014, October). *Monastic Libraries of Medieval Germany*. Gulf South Historical Association Annual Meeting. Galveston, Texas: Southeastern Louisiana University

Wahlrab, A. (2014, April). *Killing Space – Resolving the Tension Between Legitimate and Illegitimate Violence*. International Studies Association Annual Meeting. Toronto, Canada: International Studies Association.

Wahlrab, A. (2014, March). *Unraveling Somalia's Global Human Rights Narratives*. Africa Conference. Austin, TX: Convened by Dr. Falola.

Reviews

Mwanzia Koster, M. (2014). Hip Hop Colony. African Studies Review By Cambridge Press.

Mwanzia Koster, M. (2014). Terrance Ranger's "Writing Revolt, An Engagement with African Nationalism" Review. Vol. 57: African Studies Review.

Snider, C. (2014). Speaking of Flowers: Student Movements and the Making and Remembering of 1968 in Military Brazil. Hispanic American Historical Review 94:3.

DEPARTMENT OF SOCIAL SCIENCES

Chapters

Klein, J. (2014). Masturbation. In *Encyclopedia of Social Deviance*. SAGE Publications.

Journal Publications

- Guderjan, T., Bozarth, S., Glassman, D., Lichtenstein, R., & Stanchly, N. (2014). Mortuary Ritual in the Terminal Preclassic: Evidence from the Maya Site Of Blue Creek In Northern Belize. *Research Reports in Belizean Archaeology*.
- Klein, J., Tolson, D., & Collins, C. (2014). Expressing strain: A qualitative evaluation of the testimonies of female sex offenders. *Journal of Qualitative Criminal Justice and Criminology*, 2(1), 119–147.
- Klein, J., Tolson, D., & Collins, C. (2014). Lamenting the list: A partial test of Sherman's defiance theory as applied to female sex offenders. *Contemporary Justice Review: Issues in Criminal, Social and Restorative Justice*.

Poster Presentations

- Guderjan, T. (2014, April). *Continuing Research on the Eastern Side of the Alacranes Bajo: Excavations at Tulix Mul annual meeting*. Austin: Society for American Archaeology.
- Tolson, D., & Klein, J. (2014, March). *Confronting Underage Drinking Law Enforcement at School: Collegiate Peers' Perceptions of Appropriate Sanctions during Early Adulthood*. American Psychology-Law Society Annual Conference. New Orleans, LA.

Presentations

- Gautier, L. (2014, April). *Local content and emission taxes when the government cares about employment and pollution*. International Industrial Organization Conference. Chicago, IL.
- Helfers, R. (2014, February). *An examination of collective efficacy on household violent crime victimization*. Annual Conference of the Academy of Criminal Justice Sciences. Philadelphia, PA.: Academy of Criminal Justice Sciences.
- Helfers, R. (2014, October). *Testing Black's theory of law on the issuance of speeding citations compared to other moving violations in a southern suburban community in the United States*. Annual Conference of the Southwestern Association of Criminal Justice. South Padre Island, TX: Southwestern Association of Criminal Justice.
- Winik, K., & J. Clark III (2014, April). *"An Eye for an Eye" in White-Collar Crime? Ethnicity, Partisanship, and Religion as Predicators of Jury Panelists' Severity of Sentencing in Cases of White-Collar Crime*. Southwestern Social Sciences Association, San Antonio.

Proceedings Publications

- Saygili, M. (2014). *Pollution Abatement Costs and Productivity: Does the Type of Cost Matter?* In *The Clute Institute International Academic Conference*. The Clute Institute.



THE UNIVERSITY OF TEXAS AT TYLER COLLEGE OF BUSINESS AND TECHNOLOGY



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 2014 enrollment exceeded 2150 students, 1300 undergraduate and certification students and almost 850 of which are graduate students. Many of these students are involved with faculty in research projects which benefit area businesses.

In addition to the teaching and directing of student research projects, eighty-seven percent of the tenure-track faculty had a scholarly activity in the 2013-14 academic year. CBT faculty members published 125 peer-reviewed articles and presented 72 papers at academic conferences. There were three books authored and 11 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 and Fox Business Stuart Varney served as the keynote speaker for the event. The Center for Retail Enterprises (CRE) hosted a Retail Summit in February that included a moderated panel of experts in retailing from across the country. The CRE was also awarded a grant by the Texas Retail Association to expand the educational opportunities of UT Tyler students. The Center for Family & Small Enterprises hosted a Small Business Boot Camp in the fall, where five experts were brought in over five consecutive weeks to better educate East Texas small business owners. The Texas Productivity Center has merged with the East Texas Lean Consortium to expand the scope and the educational opportunities of that center.

FACULTY TO BE RECOGNIZED IN CBT FOR 2014 SCHOLARLY PRODUCTIVITY

Dr. Marina Astakhova received her Ph.D. in Organizational Behavior and Research Methods from Kent State University in 2012. Dr. Astakhova's primary research explores person-environment fit, work passion and organizational sustainability. Over the course of less than three years since her receipt of the Ph.D. degree, Dr. Astakhova has already published 13 articles (1 sole-authored article), 2 book chapters, 3 conference proceedings and made over 20 presentations in top leading conferences in the areas of Management and Industrial and Organizational Psychology. Her research has been published in *Human Relations*, *Journal of Business Research*, *Journal of Business and Psychology*, *Journal of Business Ethics*, *Journal of Managerial Psychology* and others. Two of her manuscripts were published in 2013 and 2015 Best Paper Proceedings of the Academy of Management and one manuscript received Best Poster award (2014) from the Society for Industrial and Organizational Psychology. She also published two book chapters on heavy work investment and organizational sustainability. The book *Green Organizations: Driving Change with I-O Psychology*, in which she had an invited chapter publication, became the winner of the Academy of Management Organizations and the Natural Environments Division's 2014 Book Award. Dr. Astakhova's work in-progress includes research that examines cross-cultural differences in the effects of employee fit with different aspect of the organizational environment (e.g., organization, job, or team) in U.S., Chinese, Japanese and Brazilian organizations. Additionally, Dr. Astakhova is interested in cross-disciplinary research that incorporates the knowledge from the organizational behavior field and complex mathematical modeling via agent based-simulation. Dr. Astakhova actively participates in mentoring graduate students and serves on Ph.D. dissertation committees.

Dr. Andrea D. Ellinger, Ph.D., PHR is a Professor in the Department of Human Resource Development in the College of Business and Technology at The University of Texas at Tyler and Editor of *Human Resource Development Quarterly*. Dr. Ellinger holds a Ph.D. in Adult Education from The University of Georgia. Previously she was Assistant Professor of Adult Education and Doctoral Program Coordinator at The Pennsylvania State University-Harrisburg and Associate Professor in the Department of Human Resource Education at the University of Illinois at Urbana-Champaign. Dr. Ellinger was the recipient of the 1998 Malcolm S. Knowles Dissertation of the Year and the 2003 and 2005 Richard A. Swanson Research Excellence Award. She has also received 7 best paper awards recognizing her research. Dr. Ellinger was awarded a Cyril O. Houle Fellowship funded by The Kellogg Foundation for her research on informal workplace learning. Dr. Ellinger has received numerous awards in recognition of her service, teaching, and research. At the University of Illinois, she received the 2006 College of Education Outstanding Award for Service, and the 2008 Campus Award for Excellence in Off-Campus Teaching. Dr. Ellinger was the recipient of the 2009 Emerald Literati 2009 Network Award for Excellence, Outstanding Paper Award for her research on managerial coaching, and the 2012 College of Business and Technology Faculty Award for Research at The University of Texas. The Outstanding HRD Scholar Award for 2012 from the Academy of Human Resource Development was presented to Dr. Ellinger in recognition of her scholarly contributions, research impact, and service to the field of human resource development. She also received the outstanding reviewer award from the *Journal of Workplace Learning* in 2012. Dr. Ellinger's internationally recognized research on informal learning, organizational learning, managerial coaching, the learning organization concept, and employee engagement is published in *Human Resource Development Quarterly*, *Management Learning*, *The Journal of Business Research*, *The Journal of Management Development*, *The Journal of Business Logistics*, *Journal of Workplace Learning*, *The International Journal of Manpower*, *European Journal of Training and Development*, *Management Decision* among others. During the past year, Dr. Ellinger is credited with 4 refereed journal articles, 1 co-edited special issue, 2 editorials, 2 book chapters, 7 proceedings and 10 conference papers.



DEPARTMENT OF COMPUTER SCIENCE

Journal Publications

- Fan, W., Machemehl, R., Gemar, M., & Brown III, L. (2014). A Stochastic Dynamic Programming Approach for the Equipment Replacement Optimization under Uncertainty. *Journal of Transportation Systems Engineering and Information Technology*, 14(3), 76–84.
- Subramanian, N., & Zalewski, J. (2014). Quantitative Assessment of Safety and Security of System Architectures for Cyber physical Systems Using the NFR Approach. *IEEE Systems Journal*.
- Subramanian, N., Drager, S., & McKeever, W. (2014). Identifying Trustworthiness Deficit in Legacy Systems Using the NFR Approach. *CrossTalk*, 4–11.
- Subramanian, N., Drager, S., & McKeever, W. (2014). Recovering Software Design from Interviews Using the NFR Approach: An Experience Report. *Journal of Advances in Software Engineering*.
- Wang, H., Wu, L., Wu, W., & Wu, J. (2014). Minimum number of disjoint linear forests covering a planar graph. *Journal of Combinatorial Optimization*, 28(1), 274–287.

Presentations

- Subramanian, N. (2014, October). *Checklist for Successful Team-Based IT Service-Learning Projects*. 50th Annual Conference, Association for Computer Educators in Texas. San Antonio: Association for Computer Educators in Texas.

Proceedings Publications

- Rainwater, S., & Natarajan, V. (2014). The Effectiveness of Animations in Teaching Recursive Algorithms. In *5th Annual International Conference on Computer Science Education: Innovation & Technology (CSEIT 2014)*. Singapore.
- Subramanian, N., Zalewski, J., & Kornecki, A. (2014). Curriculum Development for Embedded Systems Security. In *2014 American Society of Engineering Education Annual Conference, Indianapolis*. Indianapolis.

Funded Grants

- Subramanian, Narayanan. Provide subject matter expertise on Phoenix Software, *PRAESES, LLC* (August 26, 2014), \$ 20,000.00

Chapters

- Bennett, E., & McWhorter, R. (2014). Virtual Human Resource Development. In *The handbook of human resource development: The discipline and the profession*.
- Ellinger, A., Beattie, R., & Hamlin, R. (2014). The “manager as coach.” In *The Sage Handbook of Coaching* (pp. 257–270). London, England: Sage Publishers, Ltd. [Attachment]
- Roberts, P.B., Walton, J.S. & Lim, D.H. (2014). University programmes in human resource development. In Poel, R.F., Rocco, T. & Roth, G. (Eds.) *Routledge companion to human resource development*. London: Routledge Publishing

Journal Publications

- Avery, S., & Sun, J. (2014). Is quanxi social capital? Empirical evidence from buyer-supplier relationship in China. *Journal of Chinese Human Resource Management*.
- Avery, S., McWhorter, R., Lirely, R., & Doty, H. (2014). Searching for empirical validity in an Assurances of Learning system. *Journal of Education for Business*, 89(3), 156–164.
- Beattie, R., Kim, S., Hagen, M., Egan, T., Ellinger, A., & Hamlin, R. (2014). Managerial coaching: A review of the empirical literature and development of a model to guide practice. *Advances in Developing Human Resources*, 16(2), 184–201.
- Delello, J., & McWhorter, R. (2014). Creating Virtual Communities of Practice with the Visual Social Media Platform Pinterest. *International Journal of Social Media and Interactive Learning Environments (IJSMILE)*, 2.(3), 216 – 236.
- Delello, J., McWhorter, R., Marmion, S., Camp, K., Everling, K., Neel, J., & Marzilli, C. (2014). The life of a professor: Stress and coping. *Polymath: An Interdisciplinary Arts and Sciences Journal*, 4(1).
- Ellinger, A., & Ellinger, A. (2014). Leveraging human resource development expertise to improve supply chain managers’ skills and competencies. *European Journal of Training and Development*, 38(1/2), 118.135.
- Ellinger, A., & Kim, S. (2014). Coaching and human resource development: Examining relevant theories, coaching genres and scales to advance research and practice. *Advances in Developing Human Resources*, 16(2), 127–138.
- Ke, J., & Wang, G. (2014). China’s Ethical Dilemmas Under Globalization and Uncertainty: Implications for HRD. *Advances in Developing Human Resources*, 16(1), 74–91.
- Marzilli, C., Delello, J., Marmion, S., McWhorter, R., Roberts, P., & Marzilli, S. (2014). Faculty attitudes towards integrating technology and innovation. *International Journal on Integrating Technology in Education*, 1(3), 1–20.
- McWhorter, R. R. (2014). A synthesis of new perspectives on Virtual HRD. *Advances in Developing Human Resources*, 16(3), 391-401.
- McWhorter, R. R., & Lynham, S. A. (2014). An initial conceptualization of virtual scenario planning. *Advances in Developing Human Resources*, 16(3), 335-355.
- Musgrove, C., Ellinger, A., & Ellinger, A. (2014). Examining the influence of strategic profit emphases on employee engagement and service climate. *Journal of Workplace Learning*, 26(3/4), 152–171.
- Ray-Mukherjee, J., Nimon, K., Mukherjee, S., Morris, D., Slotow, R., & Hamer, M. (2014). Using commonality analysis in multiple regression: A tool to decompose regression effects in the face of multicollinearity. *Methods in Ecology and Evolution*, 5, 320–328.
- Wang, G., Lamond, D., Worm, V., Gao, W., & Yang, S. (2014). Understanding the indigenous concept of suzhi: A conceptual analysis. *Journal of Chinese Human Resource Management*.
- Wang, G., Lamond, D., Zhang, Y., & Ke, J. (2014). Moving forward: Exploring unique Chinese phenomena and advancing HRM Research. *Journal of Chinese Human Resource Management*.

Other

- Ellinger, A. (2014). Celebrating 25 years of HRD scholarship: Happy silver anniversary human resource development quarterly. *Human Resource Development Quarterly*.
- Ellinger, A., Egan, T., & Kim, S. (2014). Coaching and human resource development. *Advances in Developing Human Resources*.

Presentations

- Adele, B., & Ellinger, A. (2014, Spring). *Developing managers through reverse coaching, mentoring, and feedback interventions*. AHRD.
- Anderson, V., Gubbins, C., Ellinger, A., Lunn, M., Nimon, K., Sheehan, M., & Werner, J. (2014, Summer). *Transforming your conference paper into a journal manuscript: An editorial team view*. UFHRD.
- Anthony-McMann, P., Lunn, M., Maffei, S., & Ellinger, A. (2014, Spring). *Examining employee engagement issues in healthcare: What we know and where we need to go*. AHRD.
- Beattie, R., Egan, T., Ellinger, A., Hagen, M., Hamlin, R., & Kim, S. (2014, Summer). *Managerial coaching: Moving the research agenda forward*. UFHRD.
- Ellinger, A., Cseh, M., Lunn, M., & Lachritz, A. (2014, Summer). *Using metaphor to capture the context of informal workplace learning*. UFHRD.
- Ellinger, A., Ellinger, A., & Herrin, G. (2014, Summer). *Disable workers in distribution centers: A blue ocean strategic approach*. NOFOMA.
- Ellinger, A., Ellinger, A., & Herrin, G. (2014, Summer). *Strategic human capital management: Using blue ocean strategy to assimilate disabled workers into distribution centers*. UFHRD.
- Johnson, G., McWhorter, R., & Hicks, J. (2014, March). *Uniquely qualified: Building students' professional brand for job placement and career management*. Association for Business Communication Southwestern US (ABC-SWUS). Dallas, Texas: Association for Business Communication-SWUS.
- McWhorter, R., Roberts, P., Johnson, G., Delello, J., & Hall, A. (2014, February). *Exploring LinkedIn as a Career Management Strategy*. 2014 AHRD International Conference in the Americas. Houston, Texas.
- Sun, J., & Wang, G. (2014, Spring). *Exploring a context-based routine in Chinese organizations*. 2014 International Research Conference in Americas.
- Wang, G., Sun, J., Cooke, F., Fu, P., Mao, J., & Zhang, Y. (2014, July). *Qualitative Methods for Exploring Indigenous Chinese Organizational Phenomena*. the 2014 International Association of Chinese Management Research (IACMR) Conference. Beijing: IACMR.

Proceedings Publications

- Adele, B., & Ellinger, A. (2014). *Developing managers through reverse coaching, mentoring, and feedback interventions*. In AHRD.
- Anthony-McMann, P., Lunn, M., Maffei, S., & Ellinger, A. (2014). *Examining employee engagement issues in healthcare: What we know and where we need to go*. In AHRD.
- Beattie, R., Egan, T., Ellinger, A., Hagen, M., Hamlin, R., & Kim, S. (2014). *Managerial coaching: Moving the research agenda forward*. In UFHRD.
- Ellinger, A., Cseh, M., Lunn, M., & Lachritz, A. (2014). *Using metaphor to capture the context of informal workplace learning*. In UFHRD.
- Ellinger, A., Ellinger, A., & Herrin, G. (2014). *Disable workers in distribution centers: A blue ocean strategic approach*. In NOFOMA.
- Ellinger, A., Ellinger, A., & Herrin, G. (2014). *Strategic human capital management: Using blue ocean strategy to assimilate disabled workers into distribution centers*. In UFHRD.
- Sun, J. (2014). *Career orientation and its impact on career outcomes: A case of Chinese civil servants*. In *Academy of Human Resource Development International Research conference*. AHRD: Houston.
- Wang, G., & Sun, J. (2014). *Indigenous organizational routines and HRD mechanism*. In *Academy of Human Resource Development*. AHRD: Houston. Houston, TX: AHRD.
- Wang, G., Sun, J., Fu, P., Cooke, F., & Xu, L. (2014). *Exploring Indigenous Phenomena in Chinese Organizations: New Findings and Potentials*. In *2014 Biannual Conference of International Association of Chinese Management Research*.

Funded Grants

- Roberts, Paul. Principles of Technology Online Training FY 2014-2015, Texas Education Agency (September 1, 2014), \$ 50,000.00



Journal Publications

- Bunn, E., Fischer, M., & Marsh, T. (2014). Class Delivery: Does The Medium Make A Difference. *American Journal of Business Education, 2*(7), 143–150.
- Cowart, T., Lirely, R., & Avery, S. (2014). Two Methodologies for Predicting Patent Litigation Outcomes: Logistic Regression Versus Classification Trees. *American Business Law Journal, 51*(3).
- Fischer, M. (2014). Recognizing Intellectual Capital as an Asset. *Journal of Business & Economic Research, 2*(12), 177–186.
- Fischer, M., & Marsh, T. (2014). Performance Discussion and Analysis. *Journal of Accounting and Finance, 1*(14).
- Fischer, M., Marsh, T., & Brown, D. (2014). Water Woes: A Critical Texas Situation. *Oil, Gas & Energy Quarterly, 3*(62), 549–563.
- Fischer, M., Marsh, T., & Brown, T. (2014). Cash Holdings of S & P Firms Over the Past Decade. *Accounting and Finance Research, 3*(3), 143–150.
- Gordon, G., & Fischer, M. (2014). “Public University Presidential Compensation: Performance, Cost Efficiency and Spending Choices.” *Journal of Public Budgeting, Accounting and Financial Management., 26*(4), 557–584.
- Mulligan, R., Coffee, D., & Lirely, R. (2014). An Empirical Examination of Minsky's Financial Instability Hypothesis: from Market Process to Austrian Business Cycle. *Journal Des Economistes et Des Etudes Humaines, 20*(1), 1–17.
- Pan, X., Wang, H., & Hsieh, C. (2014). The Effect of China's Monetary Policy on Housing Price. *Journal of International Finance Studies, 14*(3).
- Pandey, V., & Shin, G. (2014). Lessons in hedging from stock market reaction to oil and gas companies on a day with a large upswing in natural gas price. *Oil, Gas & Energy Quarterly, 63*(1), 9–14.
- Shin, G., & Willis, V. (2014). Asset Revaluations Under IAS 16: Evidence from Korea. *International Journal of Business, Accounting and Finance.*
- Wu, C., & Pandey, V. (2014). A new currency or a financial asset? The value of bitcoins in enhancing the efficiency of an investor's portfolio. *Journal of Financial Planning, 27*(9), 44–52.
- Wu, C., & Pandey, V. (2014). What is the “right” price of natural gas in the United States? *Oil, Gas & Energy Quarterly, 63*(2), 213–223.

Presentations

- Fischer, M. (2014, January). *Public College and University Reporting Cash Flow. National Association of College and University Business Officers.* Orlando FL: NACUBO.
- Fischer, M. (2014, July). *Fundamental College and University Accounting. College Business Management Institute.* Lexington, KY: SACUBO.
- Fischer, M. (2014, May). *New Accounting Guidance from FASB and GASB. WACUBO Annual Meeting.* Las Vegas, NV: Western Association of College and University Business Officers.
- Fischer, M. (2014, May). *Public Higher Education Accounting. CACUBO Workshop.* Chicago, IL: Central Association of College and University Business Officers.
- Fischer, M. (2014, November). *Beyond Basic Accounting for Colleges and Universities. WACUBO Workshop.* Austin, TX: WACUBO.
- Fischer, M. (2014, October). *Basic College and University Financial Reporting. SACUBO Fall Workshop.* Tampa, FL: SACUBO.
- Fischer, M. (2014, October). *FASB Update Part I. TSCPA Educators Conference.* Austin, TX: TXCPA.
- Fischer, M. (2014, October). *FASB Update Part II. TSCPA Educators Conference.* Austin, TX: TSCPA.
- Fischer, M. (2014, October). *Public and Independent College and University AFR. SACUBO Fall Workshop.* Tampa, FL: SACUBO.
- Fischer, M. (2014, October). *Public College and University Cash Flow Reporting. NACUBO Intermediate Financial Reporting.* Las Vegas, NV: NACUBO.
- Fischer, M. (2014, October). *Public Colleges and Universities Accounting and Reporting. NACUBO Intermediate Financial Reporting.* Las Vegas, NV: NACUBO.
- Fischer, M., & Marsh, T. (2014, May). *Publicly Traded Firms Attestation Proposals. Academic Business World International Conference.* Nashville, TN: ASWIC.
- Fischer, M., Marsh, T., & Bunn, E. (2014, October). *Texas and its municipalities' fiscal health analysis. Clute.* Las Vegas: Clute Institute.
- Fischer, M., Treba, M., & George, H. (2014, October). *Ethics in Two Texas Classrooms: Is there a difference in student accounting choices. Clute.* Las Vegas: Clute Institute.

DEPARTMENT OF FINANCE AND ACCOUNTING (continued)

- Hsieh, C., & Willis PhD, CPA, V. (2014, Spring). *Executive Compensation of Firms with Subsidiaries at Tax Haven. 2014 Southwest AAA Regional Meeting*. Dallas, TX: American Accounting Association, Southwest Region.
- Hsieh, C., Pan, X., & Wang, H. (2014, October). *The Effect of China's Monetary Policy on Housing Price. International Academy of Business and Economics*. Las Vegas.
- Kelsey, K., Fischer, M., & Marsh, T. (2014, August). *Texas state and local governments: Fiscal health analysis. AAA Annual Meeting*. Atlanta, GA: American Accounting Association.
- Shin, G., & Willis, V. (2014, January). *Asset Revaluations Under IAS 16: Evidence from Korea. International Academy of Business and Public Administration Disciplines (IABPAD) Conference*. Orlando, FL: International Academy of Business and Public Administration Disciplines

Proceedings Publications

- Fischer, M., Marsh, T., & McElroy, J. (2014). Local government bankruptcy: Outcomes and aftereffects. In *AAA Annual Meeting*. Atlanta, GA: American Accounting Association.
- Fischer, M., Marsh, T., & Parson, B. (2014). Educational Finance: The Texas Muddle. In *American Society of Business and Behavioral Science*. Las Vegas, NV.
- Fischer, M., McElroy, J., & Marsh, T. (2014). Municipal bankruptcy: Effects and fallouts. In *AAA Government and Nonprofit Midyear Meeting*. Norwalk, CT.
- Noe, K., Fischer, M., & Marsh, T. (2014). Academic accounting salaries: The Southwest region status. In *AAA Annual Meeting*. Atlanta, GA: American Accounting Association.



DEPARTMENT OF MANAGEMENT AND MARKETING

Chapters

Kidwell, R., Cater, J., & Kidwell, L. (2014). Ethics and the family firm: A climate for healthy families and healthy employees.

In *Organizational ethics and stakeholder well-being in the business environment* (pp. 235–253). Charlotte, N. C.:

Information Age Publishing.

Tuncalp, D., & Fagan, M. H. (2014). Anticipating Human Enhancement: Identifying Ethical Issues of Bodyware. In *Global Issues and*

Ethical Concerns in Human Enhancement Technologies (pp. 16–29). Hershey, PA: IGI Global.

Journal Publications

Astakhova, M. (2014). Time affluence, material affluence and work experiences of professional women in Russia.

Employee Relations, 36(6), 642–653.

Astakhova, M., Doty, D., & Hang, H. (2014). Understanding the antecedents of perceived fit at work in the United States, Russia,

and China. *European Management Journal*, 32(6), 879–890.

Avery, S., McWhorter, R., Lirely, R., & Doty, D. (2014). Seeking Empirical Validity in an Assurance of Learning System.

Journal of Education for Business, 89(3), 156–164.

Avery, S., Sun, J., Swafford, P., & Prater, E. (2014). Contextualizing or decontextualizing? The perils of using Western social capital

scales in China. *Journal of Chinese Human Resource Management*, 5(1), 32–50.

Avery, S., Swafford, P., & Prater, E. (2014). Impact of supplier relationship management practices on buying firm performance:

Comparison of the United States and China. *Operations Management Research*, 7(1-2), 36–45.

Bhattacharya, M. Doty, D.H., and Garavan, T. 2014. The organizational context and performance implications of human capital

investment variability. *Human Resource Development Quarterly*, 25: 87-113. Awarded the 2014 Richard A. Swanson Research

Excellence Award by the Academy of Human Resource Development.

Cater, J. (2014). Function, Governance, and Trust in Successor leadership Groups in Family Firms.

Journal of Family Business Strategy, 5(3), 217–228.

Cater, J., & Beal, B. (2014). Ripple effects on family firms from an externally induced crisis. *Journal of Family Business Management*,

4(1), 62–78.

Cowart, T., Gilley, A., Avery, S., Barber, A., & Gilley, J. (2014). Ethical Leaders: Trust, work-life balance, and treating individuals as

unique. *Journal of Leadership, Accountability, and Ethics*, 11(3), 70–81.

Cowart, T., Lirely, R., & Avery, S. (2014). Two Methodologies for Predicting Patent Litigation Outcomes: Logistic Regression

Versus Classification Trees. *American Business Law Journal*, 51(4), 843–877.

Delello, J., McWhorter, R., Marmion, S., Camp, K., Everling, K., Neel, J., & Marzilli, C. (2014). The life of a professor:

Stress and coping. *Polymath: An Interdisciplinary Arts and Sciences Journal*.

Fagan, M. H. (2014). Exploring a Sociomaterial Perspective on Technology in Virtual Human Resource Development.

Advances in Developing Human Resources, 16(3), 320–334.

Gilley, A., Gilley, J., Clark, K. A., & Marion, D. (2014). Evidence of Managerial Malpractice. *Journal of Applied Management and*

Entrepreneurship, 19(4), 24–42.

Gopalakrishna Remani, V., & Fagan, M. H. (2014). Open Source Approach to Mitigate the Risk from Misinformation in

Complementary and Alternative Medicine. *International Journal of Risk and Contingency Management*, 3(1), 1–11.

Gordon, G., Gilley, A., Avery, S., Gilley, J., & Barber, A. (2014). Trust and Leadership Effectiveness. *Journal of Management and*

Organizational Studies, 1(2), 44–58.

Heard, P., Hartman, S., Beal, B., & Bushardt, S. (2014). Nursing comfort... more than helpful hands. *Nursing Management*, 45(4), 30-35.

Koyuncu, M., Burke, R., Astakhova, M., & Eren, D. (2014). Servant leadership and perceptions of service quality provided by

front-line service workers in hotels in Turkey: Achieving competitive advantage. *International Journal of Contemporary*

Hospitality Management, 26(7), 5–12.

Mitchell, S., Avery, S., Prater, E., & Swafford, P. (2014). The impact of experiential learning on teaching quality control concepts.

Operations Management Education Review, 8.

Swimberghe, K., Astakhova, M., & Wooldridge, B. (2014). A new dualistic approach to brand passion: Obsessive and harmonious

passion. *Journal of Business Research*, 67(12), 2657–2665.

Swimberghe, K., Jones, R., & Darrat, M. (2014). Deviant Behavior in Retail, When Sales Associates “Go Bad!” Examining the

Relationship Between the Work-Family Interface, Job Stress, and Salesperson Deviance. *Journal of Retailing and Consumer*

Services, 21(4), 424–431

- Swimberghe, K., Parker, J., & Flurry, L. (2014). Brand Communities among Children and Adolescents. *Journal of Consumer Marketing*, 31(2), 103–110.
- Swimberghe, K., Wooldridge, B., Clark, K. A., & Rutherford, J. (2014). “The influence of religious commitment on consumer perceptions of closed-on Sunday policies: an exploratory study of Chick-fil-A in the southern United States.” *The International Review of Retail, Distribution and Consumer Research*, 1(24), 14–29.

Other

- Cater, J. (2014). Doing good in the family business: A conversation with Perry and Wynn Worthen of Granary Street Health Food Stores. *Journal of Applied Management and Entrepreneurship*.
- Martinuzzi, A. (2014). Corporate impact assessment and management (CIAM): Approaches, challenges and tools. *Panel Participant for Accepted Panel, 2014 Society for Business Ethics Annual Meeting, Philadelphia, PA, August 1-3.*
- Young, Marilyn(PI). Labor Market Analysis (2014), *Tyler Economic Development Council (TEDC).*

Presentations

- Beal, B. (2014, Summer). *Going against the grain: How strategic management textbooks undermine CSR impact and assessment.* Panel organized by Andre Martinuzzi, Vienna University of Economics and Business, *Corporate impact assessment and management (CIAM): Approaches, challenges and tools.* Presented at the 2014 Society for Business Ethics Annual Meeting, Philadelphia, PA, August 1-3.
- Beal, B., & Olson Beal, H. (2014, January). *Beyond the market metaphor: Linking choice to desired outcomes.* Symposium presented at the 3rd Annual International School Choice & Reform Academic Conference, January 17-20, 2014, Ft. Lauderdale, FL.
- Cater, J., & Beal, B. (2014, January). *Servant leadership in multigenerational family firms.* Presented at the USASBE (United States Association for Small Business and Entrepreneurship) 2014 Annual Conference, Competitive Papers / Small and Family Business, Fort Worth, Texas, January 9-12, 2014.
- Cater, J., & Kidwell, R. (2014, June). *Successor team dynamics in family firms.* International Family Enterprise Research Association (IFERA) Conference. Lappeenranta, Finland: IFERA.
- Cater, J., Beal, B., Tarter, J., & Swimberghe, K. (2014, August). *Motor Trike: Building a brand community.* Academy of Management Conference. Philadelphia, PA: Acedemy of Management.
- Fagan, M. H., & Rizer, C. (2014, October). *Adoption of Contemplative Practices: Using a Theoretical Lens for Empirical Assessment.* The Association for Contemplative Mind in Higher Education. Seattle, WA: Center for Contemplative Mind in Society.
- Gopalakrishna Remani, V. (2014, Autumn). *Influence of institutional forces on Data Analytics Adoption among Healthcare Organizations.* 2014 DSI conference, Tampa, Florida.
- Gopalakrishna Remani, V., Gilley, A., Gilley, J., Lawrence, H., & Jackson, S. (2014, November). *Impact of Managerial Leadership Practices on Sustainability.* Decision Science National Conference. Tampa, Florida: Decision Sciences.
- McMillan, H., Gilley, A., Caldwell, J., Heames, J., & Gilley, J. (2014, October). *Exploring the Antecedents of Managerial Ethicality.* Midwest Academy of Management Annual Conference. Minneapolis, MN: Midwest Academy of Management.
- Mesak, H., & Bari, A. (2014, November). *On the Robustness of a Parsimonious Competitive Model of the Advertising-Inventory Interface.* 45th Annual Meeting of the Decision Sciences Institute. Tampa, FL.
- Swafford, P., Jackson, S., & Prater, E. (2014, November). *Supplier Relationship Impact on Innovation.* Decision Science National Conference. Tampa Florida: Decision Sciences.
- Tarter, J., & Beal, B. (2014, Summer). *The United States Postal Service: Should it offer financial services?* Society for Case Research 36th Annual Summer Case Writer's Workshop, Winthrop University, Rock Hill, South Carolina, July 10-12, 2014.
- Young, M., & Flores, I. (2014, January). *Exploring Successful Entrepreneurs in Violent Areas.* USASBE Conference.
- Young, M., & McCaslin, S. (2014, Autumn). *Using Action GoPro Hero 2 Cameras and Video Productions in Management Classes.* Decision Sciences Institute 2014 Annual Meeting. Tampa, Florida: Decision Sciences Institute.

Proceedings Publications

- Gopalakrishna Remani, V., Jones, R., & Wooldridge, B. (2014). Role of healthcare analytics in creating a sustainable competitive advantage: A knowledge based view of the firm. In *2014 SWDSI Conference*. Dallas: Proceeding of SWDSI 2014 Conference.
- James, K., & Parker, J. (2014). HootSuite University: Integrating Industry Resources into Social Media and Promotions Course. In *Marketing and Management Association (MMA).*
- McCaslin, S., Young, M., & Kesireddy, A. (2014). Using Gopro Hero Cameras in a Laboratory Setting. In *2014 ASEE Gulf-Southwest Conference.*



DEPARTMENT OF TECHNOLOGY

Books

Miller, R., & Miller, M. (2014). *Industrial Electricity and Motor Controls - 2nd Edition* (p. 512). New York, NY: McGraw-Hill.

Journal Publications

Fazarro, D. (2014). Implementing problem-based learning into multimedia technology courses: Reinforcing industries' needs. *The Online Journal for Workforce Education and Development*, 7(1), 1–17.

Lawrence, H. (2014). Integrating Human Relation Skills into the Curriculum of Industrial Technology Related Programs. *International Journal on Integrating Technology in Education*, 3(1).

Lawrence, H., & Miller, M. (2014). A historical perspective of the evolution of technology education. *International Journal on Integrating Technology in Education*, 3(2), 7.

Presentations

Fazarro, D. (2014, June). *Preparing the nano workforce: A look at educating undergraduate students in nano-safety*. *Micro Nanotechnology Conference (MNT)*. Albuquerque, MN: University of New Mexico -NSF-Advanced Technology Education.

Fazarro, D. (2014, March). *Infusing ethical, safety, health, and environmental education in engineering and technology curricula*. *New Horizons in Texas STEM Education Conference*. San Antonio, TX, The LBJ Institute for STEM Education and Research.

Fazarro, D. (2014, May). *A multi-disciplinary, multi-institutional approach to teaching ethical, social, health, safety, and environmental issues in nanotechnology*. *IEEE International Symposium on Ethics in Engineering, Science, and Technology*. Chicago, IL: IEEE.

Fazarro, D. (2014, November). *We are seed planters: A look at teaching students nanotechnology, environmental, health, and safety*. *Association of Technology, Management, and Applied Engineering (ATMAE) Conference*. St. Louis: ATMAE.

Fazarro, D. (2014, June). *NSF-NUE: NanoTRA-Texas alliance to foster nanotechnology environment, health, and safety awareness in tomorrow's engineering and technology leaders*. *ASEE Annual Conference*. Indianapolis, IN: American Society of Engineering Education.

Lawrence, H., Miller, M., & Fazarro, D. (2014, Autumn). *Why and How to Rejuvenate an ATMAE Student Chapter*. *What's In it for Me? ATMAE*. Nashville, TN: ATMAE.

Lawrence, H. Miller & M.R., (2014). *The ATMAE Assessment and Certification Exams: What's new to make your life easier?* Association of Technology, Management, and Applied Engineering Conference, St. Louis, MO.

Miller, M.R., & Lawrence, H. (2014). *The ATMAE lean six sigma certification exam: Now available and ready for use*. Association of Technology, Management, and Applied Engineering Conference, St. Louis, MO.

Proceeding Publications

Fazarro, D. (2014). *Technology-Driven Innovation – Strengthening Industry and Academia Partnerships for Advanced Manufacturing Gains*. In *2014 IAJC-IJME International Conference* (Vol. ISBN 978–1–60643–379–9). Orlando, FL: IAJC-IJME.

Fazarro, D. (2014). *The Continuing Shock of the New: Some Thoughts on Why Law, Regulation, and Codes Are Not Enough to Guide Emerging Technologies*. In *American Society of Engineering Education (ASEE)*, Indianapolis, IN: ASEE.

THE UNIVERSITY OF TEXAS AT TYLER COLLEGE OF EDUCATION AND PSYCHOLOGY



The College of Education and Psychology has a history of service projects, grant obtainment, and research that positively impact society and specifically the East Texas community.

During the 2014-2015 academic year, this can be seen in three different initiatives. First, the Department of Psychology and Counseling, continuing its excellence after obtaining initial accreditation through the Council for Accreditation of Counseling & Related Educational Programs (CACREP), opened a center to identify and treat Alzheimer's patients. The Memory Assessment and Research Center (MARC) will collaborate with the Alzheimer's Alliance of Smith County to provide important services to the citizens of Tyler and surrounding areas. These services will not only be of benefit to the individual patients, but it will be the foundation for significant new findings in Alzheimer's research.

Second, Drs. Julie Delello and Rochell McWhorter have provided weekly, one-on-one and small group iPad technology training to individuals residing in four independent senior apartments. The research specifically explored whether the use of iPads would increase knowledge, elicit closer family ties, decrease loneliness, and provide a greater overall connection to society for the seniors. As part of a service-learning endeavor, UT Tyler nursing students assisted with the trainings. Furthermore, in conjunction with Dr. Robert Stevens's history students, digital memoirs were created in order for the older adults to leave a legacy of their life for future generations.

Third, the international impact in the college includes the work of Dr. Teresa Kennedy, who was a 2014 Fulbright recipient. As part of her work, Dr. Kennedy provided support and training for the professional development of in-service and pre-service teachers to advance Science, Technology, Engineering, and Math (STEM) programs in Argentina. The College of Education and Psychology faculty are committed to making a difference in society through our research and scholarship endeavors.

Books

Hickey, W., & Vornberg, J. (2014). *Texas Public School Organization and Administration: 2014*.

Chapters

Hickey, W., & Sampson, P. (2014). District Leadership in Texas: The Effective Superintendent. In *Texas Public School Organization and Administration: 2014* (pp. 303–316). Dubuque, IA: Kendall Hunt Publishing Company.

Hickey, W., Sherman, R., Vaughn, V., & Rutledge, B. (2014). Ethnography of Educational Leadership in Belize. In *Building Cultural Community through Global Educational Leadership* (p. 21). Ysantia, Michigan: NCEPA.

Vaughn, V., & Wayne, R. (2014). The Superintendent and School Facilities. In *Texas Public School Organization and Administration* (p. 35). Dubuque, IA: Kendall Hunt Publishing Company.

Journal Publications

Sherman, R., Hickey, W., & Sherman, C. (2014). The Walk-Through for Effective Schools: Using the Informal Observation Instrument. *Journal of the Effective Schools Project*, XXI, 53–58.

Vaughn, D., & Vaughn, V. (2014). Finding a superintendent's position: Challenges facing African American women superintendents. *Journal of Texas Women School Executives*, 3(1), 20.

Vaughn, V. (2014). A view from the field: How the NCLB Act damages our school district leaders. *School Leadership Review*, 1(8), 12.

Vaughn, V. (2014). Considering Commitment: Longevity, Excellency and Resilience in Texas. *Community Works Journal*, 3(5), 8.

Presentations

Rutledge, B., Vaughn, V., Sherman, R., & Hickey, W. (2014). *Global Perspectives: A Comparison of Administrative Roles*. TASA-TCPEA. Austin, Texas: Texas Council of Professors of Educational Administration TASA Conference within a Conference.





DEPARTMENT OF PSYCHOLOGY AND COUNSELING

Chapter

- Batson, C., Lishner, D., & Stocks, E. (2014). The Empathy-Altruism Hypothesis. In *Oxford Handbook of Prosocial Behavior*. Oxford.
- Batson, C., Stocks, E., & Ahmad, N. (2014). Benefits and Liabilities of Empathy-Induced Altruism. In *Social Psychology of Good and Evil (2nd Ed.)*. Guilford Publishing.
- Bigler, R., Hayes, A., & Liben, L. (2014). Analysis and evaluation of the rationales for single-sex schooling. In *Advances in Child Development and Behavior: The Role of Gender in Educational Contexts and Outcomes* (pp. 225–260). Burlington: Elsevier Academic Press.
- Lishner, D., & Stocks, E. (2014). Altruism and Sociality. In *Sage Encyclopedia of Theory in Psychology*. Sage.
- Lishner, D., & Stocks, E. (2014). Altruism. In *Encyclopedia of Positive Psychology (2nd Ed.)*. Oxford: Wiley Blackwell.
- Livingston, R. (2014). A Psychometric Primer for School Psychologists. In *Best Practices in School Psychology* (pp. 281–301). National Association of School Psychologists.
- Pagitt, M., Hoop, B., Luft, C., Lundberg-Love, P., & Galusha, J. (2014). Psychological Sequelae of Cancer in Women During the Acute Phase of Survival. In *The Praeger Handbook on Women's Cancer: Diagnosis, Treatment, Recovery and Coping* (pp. 127–149). Santa Barbara, CA: ABC-CLIO (Praeger).
- Stocks, E., & Lishner, D. (2014). Empathy. In *Encyclopedia of Positive Psychology (2nd Ed.)*. Oxford: Wiley Blackwell.

Journal Publications

- Delello, J., McWhorter, R., Marmion, S., Camp, K., Everling, K., Neel, J., & Marzilli, C. (2014). The life of a professor: Stress and coping. *Polymath: An Interdisciplinary Arts and Sciences Journal*.
- Fisher, J., Miller, G., Sass, S., Siltan, R., Stewart, J., Zhou, J., & Heller, W. (2014). Neural correlates of suspiciousness and interactions with anxiety during emotional and neutral word processing. *Frontiers in Psychology: Personality and Social Psychology*.
- Marzilli, C., Delello, J., Marmion, S., McWhorter, R., Roberts, P., & Marzilli, S. (2014). Faculty attitudes towards integrating technology and innovation. *International Journal on Integrating Technology and Innovation*. 3(1).
- Ngo, D., Gibbons, J., Scire, G., & Le, D. (2014). Mental health needs in Vietnamese American Communities affected by the Gulf Oil Spill. *Psychology Scientific Research*.
- Oceja, L., Heerdink, M., Stocks, E., Ambrona, T., Lopez-Perez, B., & Saldago, S. (2014). An Evaluative Theory of Normative Conduct: Why do people comply with, or violate, a normative appeal? *Basic and Applied Social Psychology*, 36, 111–124.
- Oceja, L., Heerdink, M., Stocks, E., Ambrona, T., Lopez-Perez, B., & Saldago, S. (2014). Empathy, Awareness of Others, and Action: How Feeling Empathy for One Among Others Motivates Helping the Others. *Basic and Applied Social Psychology*.
- Sass, S., Heller, W., Fisher, J., Siltan, R., Stewart, J., Crocker, L., ... Miller, G. (2014). Time course of attention bias in non-patients reporting symptoms of depression with and without co-occurring anxiety. *Frontiers in Psychology: Personality and Social Psychology*.
- Witt, K., & McNichols, C. (2014). Assessing the needs of rural counselor supervisors in Texas. *Journal of Professional Counseling: Practice, Theory, and Research*, 41(2), 15–29.

DEPARTMENT OF PSYCHOLOGY AND COUNSELING (cont.)

Other

Barke, C., Witt, K., & McNichols Witt, C. (2014). CACREP CMHC Self-Study University of Texas at Tyler.

Poster Presentations

- Hayes, A., & Bigler, R. (2014, August). *The experience of graduate STEM training in the U.S. among U.S. and international students: Effects of gender, nativity, and intersectionality*. International Gender and STEM Conference. Berlin, Germany.
- Hayes, A., & Robnett, R. (2014, October). *Predicting STEM identity and commitment among high school students*. Gender Development Research Conference. San Francisco, CA.
- Scott, B., Strutt, A., Lundberg-Love, P., Schmitt, A., Trifilio, E., & Bowers, D. (2014, Autumn). *Are there neurocognitive differences between patients with non-epileptic seizures vs those with other hyperkinetic motor manifestations* 19th International Congress of Parkinson's Disease and Movement Disorders. San Diego: Movement Disorder Society.
- Scott, B., Strutt, A., Lundberg-Love, P., Schmitt, A., Trifilio, E., & Bowers, D. (2014, Autumn). *Comparison of psychogenic movement disorder patients with non-epileptic seizures and other hyperkinetic motor manifestations*. International Neuropsychological Society, 43rd Annual Meeting. Denver, Colorado.
- Zeligman, M., & Prescod, D. (2014, October). *Exploring the Impact of Stigma on Posttraumatic Growth in Clients with HIV*. Southern Association for Counselor Education and Supervision. Birmingham, AL.

Presentations

- Bigler, R., & Hayes, A. (2014, August). *Single-sex classrooms and STEM: Does the absence of male classmates promote girls' interest and achievement?* International Gender and STEM Conference. Berlin, Germany.
- Ellins, K., Bohls-Graham, E., Riggs, E., Serpa, L., Jacobs, B., Martinez, A., Pennington, D. (2014, December). *Diversity and Innovation for Geoscience (DIG) Texas Earth and Space Science Instructional Blueprints*. American Geological Association Fall Meeting. San Francisco, CA: GSA.
- Evans, T., Mirghassemi, F., Tea, R., & Sass, S. (2014, March). *Vagal Tone Moderates Attention Bias To Low And Moderately Arousing Threat In Anxiety*. Anxiety and Depression Association of America.
- Jacobs, B., Bohls-Graham, E., Martinez, A., Ellins, K., Riggs, E., Serpa, L., Kent, M. (2014, Autumn). *Evaluating Educational Resources for Inclusion in the DIG Texas Instructional Blueprints for Earth and Space Science*. American Geologic Society Fall Meeting. San Francisco, CA: American Geologic Society.
- Jacobs, B., Ellins, K., Riggs, E., Serpa, L., & Stocks, E. (2014, October). *DIG Texas Instructional Blueprints: Supporting Rigorous and Relevant Instruction in High School Earth and Space Sciences*. Geologic Society of America Annual International Meeting. Vancouver, BC, Canada: GSA.
- Lundberg-Love, P., & Medina, M. (2014, October 9). *Child Sexual Abuse Issues – Sequelae, Treatment, Prevention and Global Perspectives*. Annual meeting of the American Psychological Association. Washington, DC :American Psychological Association.
- Mirghassemi, F., & Stocks, E. (2014, April). *Sequential exposure to people in need and empathy burnout*. East Texas Student Research Conference. Tyler, TX: Psi Chi.
- Phelps, H., & Stocks, E. (2014, April). *Examining the correlation between exercise and sexual drive among students*. East Texas Psi Chi Student Research Conference. Tyler, TX: Psi Chi.
- Prescod, D., & Zeligman, M. (2014, October). *STEM Initiatives: What Role Do Counselor Educators Play?* Southern Association for Counselor Education and Supervision. Birmingham, Alabama.
- Sass, S., Evans, T., Xiong, K., & Mirghassemi, F. (2014, March). *Attention Training to Positive Stimuli in Anxiety*. Anxiety and Depression Association of America.
- Stocks, E., Ellins, K., Bohls-Graham, E., Riggs, E., Serpa, L., Jacobs, B., & Pennington, D. (2014, autumn). *Diversity and Innovation for Geoscience (DIG) Texas Earth and Space Science Instructional Blueprints*. GSA Fall Meeting. San Francisco, CA: Geologic Society of America.
- Zeligman, M., Prescod, D., & Green, J. (2014, October). *Becoming a Counselor Education Doctoral Student: Perspectives of Women of Color*. Southern Association for Counselor Education and Supervision. Birmingham, AL.

Books

Mokhtari, K., Nutta, J., Strebler, C., Mihai, F., & Crevecoeur, E. (2014). *Educating English Learners: What every classroom teacher needs to know*. Harvard Education Press.

Chapters

Rueter, J. (2014). The assessment of executive functioning using the Delis Rating of Executive Functions (D-REF). In *Handbook of Executive Functioning* (pp. 367–377). S. Goldstein & J. Naglieri: Springer Publishing.

Journal Publications

Delello, J. (2014). Insights from Pre-Service Teachers Using Science-Based Augmented Reality. *Journal of Computers in Education*, 1(4), 295–311.

Delello, J., & McWhorter, R. (2014). Creating Virtual Communities of Practice with the Visual Social Media Platform Pinterest. *International Journal of Social Media and Interactive Learning Environments (IJSMILE)*.

Delello, J., Marmion, S., McWhorter, R., Camp, K., Everling, K., Neel, J., & Marzilli, C. (2014). The reality of professorship. *Polymath: An Interdisciplinary Arts and Science Journal*.

Kennedy, T., & Odell, M. (2014). Engaging Students in STEM Education. *Science Education International*, 25(3), 246–258.

Lamb, J. (2014). Understanding mathematics teaching culture in rural Ghana: A case study. *African Symposium*, 14(1-2), 111-118.

Marzilli, C., Delello, J., Marmion, S., McWhorter, R., Roberts, P., & Marzilli, S. (2014). Faculty attitudes towards integrating technology and innovation. *International Journal on Integrating Technology in Education*, 1(3), 1–20.

Sherman, R., Hickey, W., & Sherman, C. (2014). The Walk-Through for Effective Schools: Using the Informal Observation Instrument. *Journal of the Effective Schools Project*, XXI, 53–58.

Slotnik, R., Cratsley, C., Consalvo, A., & Lerch, C. (2014). Outcomes-based assessment in writing: Two community colleges and two state universities in a local four-way partnership. *Journal of Assessment and Institutional Effectiveness*, 4(1), 52–84.

Stevens, R. (2014). American Naval Supremacy during the War of 1812. *The Social Studies Texan*.

Stevens, R. (2014). Struggle for Citizenship: The Role of African Americans in WW1. *The Social Studies Texan*, 30(2), 60–63.

Stevens, R., & Ilipollito, A. (2014). World Class Excellence for Teacher leadership: The New Hybrid Approach. *National Social Science Technology Journal*, 42(2), 41–45.

Stockall, N., Dennis, L., & Rueter, J. (2014). Developing a progress monitoring portfolio for children in early childhood special education program. *TEACHING Exceptional Children*, 46(3), 32–40.

Stockall, N., Dennis, L., & Rueter, J. (2014). Play-based assessment and interventions for children with PDD. *Young Exceptional Children*, 17(4), 3–14.

Swain, C. (2014). Tell me about a practice that works in your classroom: Discussion Protocol. *Educational Leadership*, 72(2), 90–91.

Poster Presentations

Delello, J. (2014). *Using Augmented Reality to Teach Science Literacy*. International Society for Technology in Education 2014 Conference. Atlanta, GA.

Rueter, J., & Dykes, F. (2014, April). *Educational Diagnosticians Knowledge of Reading Assessments*. Council for Exceptional Children Convention and Expo. Philadelphia, PA.

Presentations

Consalvo, A., Bogard, T. L. & Worthy, J. (2014, December). *Each moment counts: Building a culture of workshop in a second grade literacy classroom*. Literacy Research Association Annual Conference. Marco Island, FL: Literacy Research Association.

Dykes, F., & Delpont, J. (2014, April). *Our Voices Count: LGBT Educator Experiences and Its Impact on Teacher Preparation*. Council for Exceptional Children Convention and Expo. Philadelphia, Pennsylvania.

Dykes, F., & Rueter, J. (2014, November). *Preparation and partnerships: How small programs strive for “clinically rich” experiences*. Small Special Education Programs Caucus Symposium: Teacher Education Division. Indianapolis, Indiana.

Everling, K. (2014). *Assessing reading for language and literacy: A comparison of the two Texas reading assessments for bilingual students*. TABE. McAllen: TABE.



SCHOOL OF EDUCATION (cont.)

- Everling, K. (2014, February). *The Dream Deferred: The Impact of Amnesty on the Lives of Dreamers*. National Association for Bilingual Education Annual Conference. San Diego, CA: National Association for Bilingual Education Annual Conference.
- Everling, K. (2014, October). *Developing a Second Language Individualized Plan: Focused, Targeted and Systematic Approach to Second Language Acquisition*. TABE. McAllen, TX: TABE.
- Fender, V., & Hernandez, A. (2014, February). *Value-added assessment models: The impact on program accountability: round 2*. ATE National Conference. St. Louis MO: Association of Teacher Educators.
- Kraus, L., & Stevens, R. (2014, April). *Student Rights*. National Social Science Association. Las Vegas, NV: National Social Science Association.
- McWhorter, R., Johnson, G., Roberts, P., Delello, J., & Hall, A. (2014, February). *Exploring LinkedIn as a career management strategy*. 2014 AHRD International Conference in the Americas. Houston, TX. February 19-22, 2014. Houston, TX: AHRD.
- Mokhtari, K., Neel, J., Fender, V., & Kaiser, F. (2014, December). *Assessing the promise of supplemental reading interventions for at-risk early grade readers*. Literacy Research Association Annual Conference. Marco Island, FL: Literacy Research Association.
- Swain, C. (2014, February). *Challenging the deficit model: A regional university's response to recruitment and retention of teacher candidates*. Annual Conference of the Association of Teacher Educators. St. Louis, MO: Association of Teacher Educators.
- Ward, E., Fender, V., Goree, K., & Teel-Borders, J. (2014, Spring). *Clinical practice in Texas: A report from the field*. ATE National Conference. St. Louis MO: Association of teacher Educators.

Funded Grants

- Odell, Michael. Texas Teacher Residency Program: An apprenticeship model for Texas, *Texas A&M University* (February 17, 2014), \$ 422,760.00
- Odell, Michael. Texas 21st Century Community Learning Centers, Cycle 7, Year 4, *Texas Education Agency* (August 1, 2014), \$ 1,751,581.00
- Odell, Michael. Texas 21st Century Community Learning Centers, Cycle 8, Year 2, *Texas Education Agency* (August 1, 2014), \$ 2,200,000.00
- Odell, Michael. Texas Science, Technology, Engineering and Math Grant, Cycle 2, *Texas Education Agency* (September 1, 2014), \$ 576,985.00
- Odell, Michael. Career and Technical Education Statewide Leadership Projects - Project Lead the Way, *Texas Education Agency* (September 17, 2014), \$ 175,000.00
- Odell, Michael. GEAR-UP 2014, *The University of Texas at Austin* (May 1, 2014), \$ 160,012.00
- Sherman, Cynthia. Texas Regional Collaborative Math FY 14-15, *The University of Texas at Austin* (November 3, 2014), \$ 96,000.00

THE UNIVERSITY OF TEXAS AT TYLER

COLLEGE OF ENGINEERING



This has been an exciting year for the College of Engineering. There have been significant accomplishments on many fronts. First, enrollments have grown significantly during the past two years with nearly a 20 percent increase each year. The students now number over 740, with over 100 of those students being graduate students. The students hail from 63 Texas counties, 11 states, and 31 foreign countries. Upon graduation, the salaries they receive are among the highest in the UT System. This year the engineering programs were reviewed for reaccreditation by ABET. So far everything looks good for reaccreditation of our degree programs. The final statement will be issued in late July.

A significant effort of the college this year has been continued development of the Houston Engineering Center. The Center was established by the College in 2013 with help from Houston Community College to provide a cost-effective pathway for students in Houston who begin their engineering study at one of the many excellent community colleges in the region.

DR. FREDERICKA BROWN:

Dr. Brown's research focuses on STEM education. She specializes in strategies and practices to increase the number of students that enter the STEM pipeline with a focus on developing future engineers. To support this research focus, she has received funding from the Texas Higher Education Coordinating Board (THECB), Texas Education Agency (TEA), and the National Science Foundation (NSF). Funding from the THECB and TEA has focused on providing training to in-service teachers in the content areas of physics and energy, presentation methods of the content, instructional practices that motivate students' learning of science and engineering. Funding from NSF has provided scholarship support to pre-service teachers who commit to teach in STEM fields in high needs schools in support of the UT Tyler UTeach program. Through relationships that have been created through the interactions with K-12 education leaders and university academics in the P-16 community, she has been able to leverage these research efforts to develop promising practices in STEM education. She has published numerous referred publications in the areas of attracting and retaining underrepresented groups in STEM, improving delivery methods in the engineering classroom, and building P-16 Engineering Collaboratives.

DR. MICHAEL MCGINNIS

It has been an incredibly productive year for Dr. McGinnis's research group, with accomplishments in three primary areas. First, his team has developed a new way of assessing the remaining prestress in concrete bridge girders. The technique involves the Core-Drilling Method (CDM) for determining

Enrollments in Houston this spring numbered 161. Over half of the students studying in Houston are minorities. About twenty-five of the first students who studied only in Houston graduated this May with baccalaureate engineering degrees. Many of these students said that they would not have been able to become an engineer if it were not for UT Tyler. Offering courses in Houston leading to a degree was a natural extension for the college as UT Tyler has always been a "transfer friendly" university.

Faculty in the college continue to develop their research activities, many of these being in collaboration with other colleges on campus. Faculty continue to develop means for energy efficiency and to improve indoor air quality through TxAIRE. A significant area of external funding is the programs conducted by Dr. Fredericka Brown on STEM education and preparing successful STEM graduates. Dr. Michael McGinnis continues his experimental research program in constructed facilities. They have published several papers in national and international forums.

the stress in concrete objects. With nearly twenty-five percent of the U.S. national bridge inventory categorized as deficient, it is ever more important to develop new inspection techniques that are easily ready to deploy. In the CDM, a small hole is drilled into the concrete and the displacements that occur as a result of the associated load redistribution around the hole are measured and related to the in-situ stress in the concrete. Dr. McGinnis and his colleagues published two journal articles in this area and are presenting two more papers at the 16th annual European Bridge Conference in Scotland this summer. Second, he has been working with Dr. Brad Weldon and others at New Mexico State University to study Ultra High Performance Concrete (UHPC) (concrete with compressive strength in excess of 20,000 psi). The UT Tyler work in this area has been focused on assessing displacements of bridge girders using digital image correlation, a photographic non-contact technique that has tremendous promise in many non-destructive evaluation applications moving forward. Finally, Dr. McGinnis is collaborating with Dr. Yahya Kurama at the University of Notre Dame to investigate the behavior and performance of recycled concrete aggregates in fresh concrete. At UT Tyler, his team has been probing the environmental and economic aspects of this problem, and Mark Davis, a UT Tyler undergraduate working on the project, presented a paper at a recent American Society of Engineering Education conference covering aspects of the economics of recycled aggregates versus natural aggregates that was honored with a paper award. The outlook for 2016 and beyond is also exciting as currently his research team consists of two graduate students and one undergraduate, as well as productive collaborations with his structural colleague at UT Tyler, Dr. Michael Gangone.

DEPARTMENT OF CIVIL ENGINEERING



Journal Publications

Mueller, K., Kurama, Y., & McGinnis, M. (2014). Out-of-Plane Behavior of Two RC Bearing Walls under Fire: A Full Scale Experimental investigation. *ACI Materials Journal*, 1 (6).

Rathje, E., Wang, Y., Stafford, P., George Antonakos, G., & Saygili, G. (2014). Probabilistic assessment of the seismic performance of earth slopes. *Bulletin of Earthquake Engineering*, 12(3), 1071–1090.

Proceedings Publications

Barbarchyn, S., Kurama, Y., McGinnis, M., & Sause, R. (2014). "Lateral Load Behavior of a Post-Tensioned Coupled Core Wall, In *10th National Conference in Earthquake Engineering, Earthquake Engineering Research Institute*. Anchorage Alaska: NCEE EERI.

Gangone, M. (2014). Case Studies Illustrating the Effect of Weakened Load Transfer on Neutral Axis Measurements. In *European Structural Health Monitoring Conference*.

Hawley, H., Miller, J., & O'Dell, B. (2014). A MONITORING STUDY ON FINE AND COARSE PARTICULATE MATTER AT CONSTRUCTION SITES. In *American Academy of Sciences International Environmental Science & Technology Conference*.

McGinnis, M., Barbarchyn, S., & Kurama, Y. (2014). Application of Multiple Digital Image Correlation Sensors in Earthquake Engineering,. In *10th National Conference in Earthquake Engineering, Earthquake Engineering Research Institute*. Anchorage Alaska: NCEE EERI.

McGinnis, M., Gangone, M., & Weldon, B. (2014). Lateral Load Behavior of Clay Masonry Façade with Advanced Wood Framing. In *9th International Masonry Conference*. Guimaraes Portugal: IMS.

Funded Grants

McGinnis, Michael. Feasibility analysis of ultra-high performance concrete - Phase II, *New Mexico Department of Transportation* (February 11, 2014), \$ 11,986.00

McGinnis, Michael. Use of recycled concrete aggregates for improved sustainability, *Notre Dame University* (August 15, 2014), \$ 27,999.00

DEPARTMENT OF ELECTRICAL ENGINEERING

Journal Publications

El-Kishky, H., & Ibrahim, H. (2014). On Modeling and Control of Advanced Aircraft Electric Power Systems – System Stability and Bifurcation Analysis. *The International Journal of Electric Power and Energy Systems*.

Proceedings Publications

Mohammadi, P. & El-Kishky, H. (2014) Impacts of Distributed Generation on Fault Detection and Voltage Profile in Power Distribution Networks. *IEEE International Power Modulator and High Voltage Conference*, Santa Fe, NM.

Mohammadi, P. & El-Kishky, H. (2014) A Robust Initialization Algorithm for k-Means Clustering in Power Distribution Networks with PMU-based Protection System. *IEEE International Power Modulator and High Voltage Conference*, Santa Fe, NM

Presentations

Pinninti, R., Shirvaikar, M., & Dong, X. (2014, March). *Stochastic Predictors from DXA Scans Improve the Forecast of Hip Fracture for Postmenopausal Women*. *Orthopedic Research Society Conference*. New Orleans, LA: ORS.

DEPARTMENT OF MECHANICAL ENGINEERING

Books

Fumo, N., & Zambrano, J. (2014). *Administración de Energía (Energy Management)* (p. 108). San Cristobal, Venezuela, ISBN 978-980-6300-73-6: Fondo Editorial UNET (FEUNET).

Poster Presentations

Farmer, J., Thrasher, M., & Fumo, N. (2014, February). *An Analysis of Sound Exposure in a University Music Rehearsal Venue. Texas Music Educators Association Clinic/Convention.* San Antonio, Texas: Texas Music Educators Association.

Proceedings Publications

Brown, F., & McCaslin, S. (2014). Software Tools for Online Teaching: A Faculty Perspective. In *ASEE GSW.*

Fumo, N., Bortone, V., Zambrano, J., & Zambrano, A. (2014). Investigating the Potential of Residential District Energy. In *2014 ASHRAE Annual Conference.*

Fumo, N., Mago, P., & Emily, L. (2014). Tool for Hourly Energy Consumption Estimation in Existing Office Buildings. In *ASME 2014 International Mechanical Engineering Congress & Exposition.*

Lowe, T., Fletcher, M., Heck, K., Crippen, T., & Dong, X. (2014). Effect of Fatigue on Reducing Quadriceps Inhibition in Athletes with Anterior Cruciate Ligament (ACL) Reconstruction. In *60th Annual Meeting of the Orthopedic Research Society.*

McCaslin, S., & Brown, F. (2014). Software Tools for Online Teaching: A Faculty Perspective. In *American Society of Engineering Educators Gulf Southwest Conference.* New Orleans, Louisiana, USA: ASEE.

McCaslin, S., Young, M., & Kesireddy, A. (2014). Using GoPro Hero Cameras in a Laboratory Setting. In *American Society of Engineering Educators Gulf Southwest Conference.* New Orleans, Louisiana, USA: ASEE.

Funded Grants

Brown, Fredricka. Texas Regional Collaborative Science FY 14-15, *The University of Texas at Austin* (May 1, 2014), \$ 158,000.00



THE UNIVERSITY OF TEXAS AT TYLER COLLEGE OF NURSING AND HEALTH SCIENCES



The University of Texas at Tyler College of Nursing & Health Sciences (CNHS) houses the School of Nursing (SON) and the Department of Health and Kinesiology (H&K). The SON was originally conceived as the Department of Nursing in 1975 on the campus of Texas Eastern University in response to local and regional needs for baccalaureate prepared nurses in East Texas. Since then the SON has expanded to include Palestine and Longview campuses, as well as an RN-BSN track, a Master's of Science and PhD degree programs. The School of Nursing paved the way for distance and online education for the university. The RN-BSN, MSN and PhD programs are currently online. The H&K department began as the Physical Education Department in 1974, and the institution at that time was called Tyler State College. A year later the department was moved from its original home at Roberts Junior High School to a former Safeway store at what had then become Texas Eastern University. In January of 1977, the PHE Building was completed and a 2 year-degree thesis required program (Clinical Exercise Physiology) was begun. This was the first such program in the United States, attracting students from all part of the United States, i.e., Alaska, Ohio, Michigan, Massachusetts, and many students from Texas, Oklahoma, and Louisiana stayed to complete their masters' degree. For over 20 years this was the largest program in the Health and Kinesiology Department. In the fall of the 1980, Texas Eastern University became part of the University of Texas System that is now known as The University of Texas at Tyler. The CNHS has steadily experienced growth over the past years as evidenced by an enrollment for Spring 2015 of 520 H&K students (477 undergraduate and 43 graduate), and 1,154 students in the SON (744 undergraduate, 410 graduate students that include 59 PhD students). Under the new leadership of Dr. Yong Tai Wang, the CNHS established the Institute for Integrated Healthcare in the spring of 2015 to promote health-related research. The Institute has already facilitated scholarly collaboration among H&K and SON faculty for research activities that will have regional, national and global implications. The CNHS faculty are also credited for nationally and internationally innovative programs. For example, the SON graduate program was ranked by the US News & World Report as ninth in the nation in 2014.

DR. BARBARA HAAS, David G. Braithwaite Professor in Nursing, received her PhD in Nursing at The University of Texas at Austin in 2001. Dr. Haas has been with the College of Nursing since 1992 and has served as the Associate Dean of the graduate program since 2012. With a clinical background in oncology, Dr. Haas's research is focused on health promotion to improve quality of life (QOL) for persons with cancer. Her early work in quality of life has been widely cited internationally and her QOL model has been adopted by several researchers. Since 2001, Dr. Haas has also served as the Research Director and a Board Member of the not-for-profit organization, Cancer Foundation for Life (CFFL). Over the past 14 years, the CFFL organization has expanded throughout northeast Texas and into Arizona to enhance the QOL for thousands of persons with cancer through its community based exercise program. Throughout this partnership, Dr. Haas and her colleagues from CFFL and UT Tyler have examined the effect of exercise on quality of life for persons with cancer. Specific quality of life outcomes studied include cancer-related fatigue, weight gain, pain, and peripheral neuropathy. The research conducted by Dr. Haas and her team has drawn national attention and has helped pave the way for changing the standard of care for persons with cancer. The research team is currently studying whether exercising on the day chemotherapy is delivered will decrease side effects of chemotherapy and enable patients to receive their full prescribed dose in a timely manner. They also have a pilot study underway that examines targeted exercise for chemotherapy-induced peripheral neuropathy. As the lead researcher, as a mentor to students and junior faculty, and as a collaborator with other scholars in academia and the community, Dr. Haas is credited with 7 publications, 4 presentations and 2 foundation grant awards during 2014.

DR. MELINDA HERMANNS, Associate Professor of Nursing, received her PhD from The University of Texas Health Science Center at Houston and has been with the College of Nursing since 2000. Dr. Hermanns has been devoted to disseminating knowledge through the scholarship of discovery/research. She is passionate about studying chronic illness and nursing education. She has two distinct programs of research: chronic illness with a focus on Parkinson's disease and cancer and nursing education, specifically the application of caring and simulation within the learning environment. This area of scholarship affords her the opportunity to use research to improve professional nursing practice, teaching and service. Dr. Hermanns' work and dissemination of evidence-based interventions that have been shown to improve quality of life for persons and families with chronic illness, has been recognized at the local and national level, having a significant impact on the local and national community as well as society at large. Additionally, her research trajectory has had a significant impact on health and well-being, beginning with her dissertation that focused on the illness experience of persons with Parkinson's disease. As sole and collaborating author, Dr. Hermanns has published 4 scholarly articles, conducted 7 national and regional presentations, and received 2 grants during 2014.

DR. X. NEIL DONG, Associate Professor of Health and Kinesiology, has been with the Department of Health & Kinesiology since Fall 2010, and holds a master of science in engineering mechanics from

Tsinghua University in China and a Ph.D. in mechanical engineering from Columbia University. His research program involves the application of basic biomechanics knowledge to solve real-life problems and to improve the quality of life for those with chronic musculoskeletal diseases. Dr. Dong is currently working on a federally funded research project from the National Institutes of Health to develop an economical and efficient technique to improve the prediction of fracture risks of human spines. This technique uses a simple, routinely acquired DXA scan to identify people at high risk of spine fractures based on the measurement of both bone mineral density and its distribution. Dr. Dong is in the process of applying for a patent and obtaining additional funding for this research project. He is collaborating with Dr. Mukul Shirvaikar from Electrical Engineering, Dr. Joyce Ballard and Dr. David Di Paolo from Health and Kinesiology, and Dr. Amy Tvinnereim and Dr. Steven Idell from UT Health Northeast. Dr. Dong has published two scholarly articles and conducted three national presentations, and awarded one federal grant and continued to work another funded federal grant during 2014.

DR. BENJAMIN TSENG, Assistant Professor and Graduate Research Faculty with the Department of Health & Kinesiology, received his PhD in Rehabilitation Science and Neuroscience from the University of Kansas Medical Center and has been with the Department of Health & Kinesiology since Fall 2014. He oversees the university's Laboratory of Brain Aging and Neuromotor Behavior. Prior to joining UT Tyler, he spent five years at the Institute for Exercise and Environmental Medicine, a world-renowned human physiology research institution that is part of the University of Texas Southwestern Medical Center in Dallas TX with special focus in integrative physiology and space medicine. Dr. Tseng has a strong background in clinical research with unique abilities in several disciplines including neuroscience, exercise physiology, MRI/neuroimaging, and motor control & learning. His previous work on aerobic training and preservation of brain tissue gained nationwide attention in 2011 and provided a foundation for conducting a current study to enhance Alzheimer's disease research that investigates motor deficits and gait abnormalities as potential early markers in patients with Mild Cognitive Impairment, an early stage of Alzheimer's disease. His work has recently gain media attention and is well recognized by the scientific community as demonstrated by his podium presentation at the Alzheimer's Association International Conference in Vancouver, BC and peer-reviewed publication in Current Alzheimer Research in 2013 and 2014, respectively. His most recent publications during 2014 were in high-impact peer reviewed journals such as Current Alzheimer Research and NeuroImage. He was invited to co-author an editorial commentary regarding the use of a novel imaging method to predict stroke outcomes in Neurology, a highly reputable clinical journal. Dr. Tseng was also the recipient of the 2013 American Heart Association Postdoctoral Fellowship, a highly competitive 2-year research grant. These are exceptional accomplishments for an early-career investigator. Dr. Tseng was awarded another research grant entitled "Reduction in Arterial Stiffness and White Matter Burden Reduces Stroke Risk in Patients with Atrial Fibrillation" from the American Heart Association in 2015. These are exceptional accomplishments for an early-career investigator.

Chapters

- Njororai Simiyu, W. (2014). History and Identity of East African Football within the African Context. In *Identity and Nation in African Football: Fans, Community, and Clubs* (pp. 67 – 80). Palgrave Macmillan.
- Njororai Simiyu, W. (2014). South Africa FIFA World Cup 2010: African Players' Global Labor Distribution and Legacy. In *African Football, Identity Politics and Global Media Narratives* (pp. 71–90). London: Palgrave Macmillan.

Journal Publications

- McKenney ML, Schultz KA, Boyd JH, Byrd JP, Alloosh M, Teague SD, Arce-Esquivel AA, Fain JN, Laughlin MH, Sacks HS, Sturek M. (2014). Epicardial Adipose Excision Slows the Progression of Porcine Coronary Atherosclerosis. *Journal of Cardiothoracic Surgery*.
- Moore, B., Perez, A., & Sorensen, W. (2014). Regional and Racial/Ethnic Differences in the Association between eating habits, perceived social norms, and obesity among Texas adolescents. *Texas Journal of Public Health*, 66(2), 6–11.
- Moore, B., Sorensen, W., & Bowden-Bryan, P. (2014). Associations of sex, age, and community clinic with hypertension and dyslipidemia among Hispanics in Northeast Texas. *American Journal of Hypertension Research*.
- Njororai Simiyu, W. (2014). Iconic Figures in African Football- from Roger Milla to Didier Drogba. *Soccer and Society*, 1-19.
- Njororai Simiyu, W. (2014). Timing of Goals Scored in Selected European and South American Football Leagues, FIFA and UEFA Tournaments and the Critical Phases of a Match. *International Journal of Sports Science*, 4(6A), 56–64
- Sanzari, J., Billings, P., Wilson, J., Diffenderfer, E., Arce-Esquivel, A., Thorne, P., & Laughlin, M. (2014). Effect of electron simulated solar particle event radiation on vasomotor function of the left anterior descending coronary artery. *Life Sciences in Space Research*
- Tarumi T, Khan MA, Liu J, Tseng BY, Parker R, Riley J, Tinajero C, Zhang R. (2014). Cerebral Hemodynamics in Normal Aging: Central Artery Stiffness, Wave Reflection, and Pressure Pulsatility. *J Careb Blood Flow Metab (5-year IF:5.66,2014 IF:5.34)*
- Tseng, B., Cullum, C., & Zhang, R. (2014). Older Adults with Amnesic Mild Cognitive Impairment Exhibit Exacerbated Gait Slowing under Dual-Task Challenges. *Current Alzheimer Research (5-Year IF: 4.20, 2014 IF: 3.80)*
- Wang, Y., Dong, X., Patil, M., Tis, L., Zhou, B., & Chen, S. (2014). An approach to measure tibia movements in human locomotion. *Journal of Sports Medicine*, 1, 3.

Poster Presentations

- McCrury, C., & Njororai Simiyu, W. (2014, December). *An evaluation of internal and external foci of attention on motor skill performance. 91st Annual Convention for TAHPERD, December 3-6, Moody Gardens, Galveston, Texas. Galveston, Texas: TAHPERD*
- McCrury, C., & Njororai Simiyu, W. (2014, November). *An Evaluation of Internal and External Foci of Attention on Motor Skill Performance. 2014 NCHC Conference, November 5-9, 2014 in Denver. Denver: National Collegiate Honors Council*
- Njororai Simiyu, W. (2014). *Walkable Scores for an East Texas County and Physical Activity Implications. AAHPERD SOUTHERN DISTRICT CONVENTION. Lexington, Kentucky: AAHPERD*

Presentations

- Arce-Esquivel, Arturo A. (July 2014). The Role of Physical Activity and Diet in Diabetes Control. Presented at the Graduate School - Women's University of the Sacred Heart, Lima - Peru. Universidad Femenina del Sagrado Corazon (UNIFE).
- Jivetti, B., Njororai Simiyu, W., & Njororai, F. (2014, Autumn). *Struggles of Rural Youth: Factors that Empower and Disempower Youth in Western Kenya. The 7th Kenya Scholars and Studies Association Annual Conference September 5-6. University of North Alabama, Florence, Alabama: KESSA.*
- Koti, F., Maina, F., K'Olewe, O., Nasongo, W., & Njororai Simiyu, W. (2014, Autumn). *Developing a Teaching Portfolio that works for you: What they don't teach you in Graduate School. The 7th Kenya Scholars and Studies Association Annual Conference, September 5-6. University of North Alabama, Florence, Alabama: KESSA.*
- Lowe, T., Fletcher, M., Heck, K., Crippen, T., & Dong, X. (2014, March). *Effect of fatigue on reducing quadriceps inhibition in athletes with anterior cruciate ligament (ACL) reconstruction. Annual Meeting of Orthopedic Research Society. New Orleans, LA: Orthopedic Research Society.*

DEPARTMENT OF HEALTH AND KINESIOLOGY (cont.)

- Njororai Simiyu, W. (2014, Autumn). *Sport as a medium for promoting peaceful coexistence in Kenya. THE 7TH KENYA SCHOLARS & STUDIES ASSOCIATION, September 5-6.* University of North Alabama: KENYA SCHOLARS & STUDIES ASSOCIATION.
- Njororai Simiyu, W., McCrury, C., & Saul, K. (2014, December). *HYFLEX Classes in Kinesiology: Perspectives from faculty and students. 91st Annual Convention of TAHPERD, December 3-6, Moody Gardens Hotel, Galveston, Texas.* Galveston, Texas: TAHPERD
- Pinninti, R., Cussen, P., Lowe, T., Ballard, J., Di Paolo, D., Shirvaikar, M., & Dong, X. (2014, March). *Stochastic predictors from DXA scans improve the forecast of hip fracture for postmenopausal women. Annual Meeting of Orthopedic Research Society.* New Orleans, LA: Orthopedic Research Society.
- Zezele, P., Bah, A., Oyeniyi, B., Njororai Simiyu, W., Iwuagwu, S., & Agwu, N. (2014, November). *Carnegie African Diaspora Fellows Roundtable. 57th Annual Meeting on "Rethinking violence, reconstruction and reconciliation, Nov. 20-23.* Indianapolis, Indiana: African Studies Association.





SCHOOL OF NURSING

Chapters

Fineout-Overholt, E. (2014). EBP, QI & Research: Kindred Spirits or Strange Bedfellows. In *Anatomy of Research for Nurses: A Practical Approach*. Indianapolis, Indiana: Sigma Theta Tau.

Creative Productions

Toone, A. (2014). International Nursing Symposium. *CEU Conference for International Nurses*. Limuru, Kenya: International Nursing Symposium Executive Administrators, Baptist Nursing Fellowship, Christian Nursing Fellowship.

Journal Publications

Alfred, D., Chilton, J., Connor, D., Deal, B., Fountain, R., Hensarling, J., & Klotz, L. (2014). Preparing for Disasters: Education & Management Strategies Explored. *Nurse Education in Practice*, 1–8.

Chilton, J., Haas, B., & Gosselin, K. (2014). The Effect of a Wellness Program on Adolescent Females. *Western Journal of Nursing Research*, 36(5), 581–598.

Duke, G. (2014). Pain Management Attitudes and Preferences for Care Among Asians Living in Texas. *International Journal of Palliative Nursing*.

Hermanns, M. (2014). Facing the Giant: Tenure. *Journal of Christian Nursing*, 31(4), 265.

Hermanns, M., & Haas, B. (2014). One Day at a Time: A Journey of Hope, Inspiration, and Determination. *The Qualitative Reports*, 19, 1–9.

Kimmel, G., Haas, B., & Hermanns, M. (2014). The role of exercise in cancer treatment: Bridging the gap. *Current Sports Medicine Reports*, 13(4), 246–252.

Lake, P., Haas, B., & Matthews, M. (2014). FIT to Care: An Action Research Study Exploring the Use of Communication Theory to Strengthen Caring Relationships between Teachers and Students. *International Journal for Human Caring*, 18(3), 15–25.

Lowinger, R., He, Z., Lin, M., & Chang, M. (2014). The impact of academic self-efficacy, acculturation difficulties, and language abilities on procrastination behavior in Chinese international students. *College Student Journal*, 48(1), 141–152.

Marzilli, C. (2014). Evaluation of Maternal-Child Health Indicators in the Cuban Public Health System. *Polymath*.

McKay, C., & Wieck, K. (2014). Evaluation of a Collaborative Care Model for Hospitalized Patients. *Nursing Economics*, 32(5), 248–267.

Melnyk, B., Gallagher-Ford, L., Long, L., & Fineout-Overholt, E. (2014). The establishment of evidence-based practice competencies for practicing registered nurses and advanced practice nurses in real-world clinical settings: Proficiencies to improve healthcare quality, reliability, patient outcomes, and costs. *Worldviews on Evidence-Based Nursing*, 11(1), 5–15.

Northam, S., Greer, D., Rath, L., & Toone, A. (2014). Nursing journal editor survey: Information to help authors publish. *Nurse Educator*, 39(6), 290–297.

Rivard, M., & Mastel-Smith, B. (2014). The lived experience of fathers whose children are diagnosed with a genetic disorder. *Journal of Obstetric, Gynecologic, and Neonatal Nursing*, 43(1), 39–49.

Robert, R., Tilley, D., & Petersen DNP, APRN, FNP/GNP-BC, PMHNP, S. (2014). A Power in Clinical Practice: Concept Analysis of Nursing Intuition. *Med-Surg Nursing*.

- Thompson, S., Mastel-Smith, B., Duke, G., Haas, B., Yarbrough, S., & Vardaman, S. (2014). U.S. military nurses caring for the enemy. *International Journal for Human Caring*, 18(2), 61–70.
- Weekes, C., Haas, B., & Gosselin, K. (2014). Expectations and Self-Efficacy of African American Parents Who Discuss Sexuality with their Adolescent Sons: An Intervention Study. *Public Health Nursing*, 31(3), 253–261.
- Wieck, K., Alfred, D., Haas, B., & Yarbrough, S. (2014). Using a strengths model to build an online nursing education program. *Journal of Professional Nursing*, 30(3), 233–242.

Others

- Petersen S. (2014). Assessment and Management of Pain in the Older Adult.

Poster Presentations

- Mastel-Smith, B. (2014, Autumn). "In this group, I'm not different" National Gerontological Nursing Association Convention. San Antonio, TX.
- Evey, J., Haas, B., & Hermanns, M. (2014, Autumn). Point in Time the Fit steps for Life Exercise Program Improves Quality of Life of Persons with Cancer. National Collegiate Honors College Conference. Denver, CO.
- Hermanns, M. (2014, Autumn). Revolutionizing Health Care: Can Telemedicine Improve Health Outcomes? 1st Annual Evidence-based Practice Conference. UT Tyler School of Nursing.
- Fountain, R., Deal, B., & Toone, A. (2014). Faith based service learning opportunities for Schools of Nursing: The Good, The Bad, The Ugly. STTI Regional Research Conference. Bossier City, Louisiana: Sigma Theta Tau, Beta chi Chapter, Northwestern State University.
- Deal, B., & Post, J. (0, October 16). Active Learning and Technology Immersion: Jumping in with Both Feet. Assessment Strategies... Celebrating Practices Which Enhance Student Learning, Accountability and Evaluation. Galveston, Cozumel: HFenton & Associates LLC.
- Haas, B., Reifsnider, E., & Kommenich, P. (2014, February). NEXus: What's in it for Us? 28th Annual Research Conference. San Antonio, TX: Southern Nursing Research Society.
- Weekes, C., Haas, B., & Gosselin, K. (2014, March). Expectations and Self-efficacy of African American Parents who Discuss Sexuality with their Adolescent Sons: An Intervention Study. 14th Annual Research Meeting. St. Louis, MO: Midwest Nursing Research Society.
- Deal, B., & McArthur, L. (2014, April). Roger's Diffusion of Innovations Theory Applied to Improving Knowledge and Attitudes about Informatics Through the Use of an Electronic Medical Record in a BSN Program: A Pilot Study. Annual Regional Nursing Research and Evidence Based Practice Conference. Shreveport, Louisiana: Beta Chi chapter, Sigma Theta Tau International and Northwestern State University of Louisiana.
- Greer, D., & Marzilli, C. (2014, September). Comparison of Alcohol-Based Sanitizers Versus Personal Protective Equipment on the Incidence of Hospital-associated Infections. 1st Annual Interprofessional Evidence-Based Practice Conference. The Cowan Center at The University of Texas at Tyler: Trinity Mother Frances in conjunction with The University of Texas at Tyler.

Presentations

- Day, K., & Fountain, R. (2014, November). Radiology's Role in Palliative Care. Fifth Annual Radiologic Technologist Seminar. East Texas Medical Center: ETMC.
- Fountain, R. (2014). Use of Faith Based Service Learning opportunities by schools of nursing. Innovations in Faith-based nursing conference. Indiana: Indiana Wesleyan University.
- Fountain, R., & Post, Jerry. (2014, April). Innovations in Teaching: Manning Up. Teaching Moments. University of Texas at Tyler: Innovation Academy.
- He, Z., Post, J., & Deal, B. (2014, October). Using Evidence-Based Table (EBT) as a Learning/Teaching Strategy to Promote Critical Thinking for Nursing Graduate Students. The Center for Teaching and Excellent & Innovation's Faculty Development Workshop. The University of Texas at Tyler: The Center for Teaching and Excellent & Innovation
- Hermanns, M. (2014, Spring). Medical Ethnography – Making Meaning that Matters (What it is and What it is Not?). Southern Nurses Association.

Funded Grants

- Marzilli, Scott. Transforming Texas - Community transformation, Northeast Texas Public Health Department (February 1, 2014), \$ 22,669.00.

