

**The University of Texas at**  
**★ TYLER™**

**A CELEBRATION OF  
SCHOLARSHIP AND CREATIVITY**

---

Annual Report of Faculty Scholarship  
September 2017 - August 2018

# FROM THE PRESIDENT

Through university research and scholarly works, we develop a wealth of knowledge that serves both our internal and external communities.

When we draw on the scholarship of University experts, we can discover innovative solutions to issues facing those communities. Our scholarship not only fortifies our academic foundation but also significantly enhances the East Texas region.

For a region as large and vibrant as ours to continue to prosper, it must have a strong university at its core. As the only University of Texas general higher education institution in the entire region, we are a rich resource, and as always, it is my pleasure to recognize and celebrate the vast array of expertise that we possess.

We recently launched the 100 Communities initiative intended to build partnerships in cities and towns across East Texas to enhance economic and educational outcomes and improve the well-being of the region.

It is the great work represented here that will support this initiative and help move our region forward.

Whether it is finding better ways to deliver cancer treatment, working to decrease infant mortality in rural areas, supporting victims of human trafficking or providing resources to facilitate small business development and entrepreneurship, your scholastic endeavors will touch our region.

This continues to be an exciting time for The University of Texas at Tyler. We are ripe with knowledge and opportunity that can benefit all of East Texas.

Dr. Michael Tidwell  
President, The University of Texas at Tyler



The Robert R. Muntz Library is delighted to be an active participant in acknowledging The University of Texas at Tyler faculty's scholarly and creative works. As primary knowledge supporters for our institution, Muntz Library staff are here to work with, and for, our faculty in any way we can to promote their academic endeavors. We have shown our respect and admiration for this in a most profound way for the past five years via the "A Celebration of Scholarship and Creativity" event. We confirm this by our constant interactions and support for faculty and students through our librarian liaisons, library public services, technical services, library systems and university archives. On behalf of all the Robert R. Muntz staff, I extend to you all a heartfelt congratulations on your scholarly and creative accomplishments for AY 17/18.

-Rebecca McKay Johnson, Executive Director of Robert R. Muntz Library

The faculty in the College of Arts and Sciences are extraordinary scholars, teachers and mentors. Their student focus is evident in everything they do, including scholarly and creative work. The ability of our students to participate in research and then present or publish the results alongside their faculty mentor is important.

Over just the last year, the faculty has published dozens of articles in professional and peer-review journals and authored or co-authored multiple books published by prestigious outlets. Many of these efforts involved student co-authors. In addition, our faculty or their students made over 100 presentations at professional conferences at the regional, national and international level.

The faculty also continue to earn recognition for their effective and innovative teaching achievements. A large number of UT Tyler's Regents' Outstanding Teaching Awards, the most prestigious teaching recognition given by the University of Texas System, have been received by faculty in arts and sciences. Faculty have also received several other teaching awards.

The Talon student newspaper, Debate Club and Model United Nations are all housed in the College of Arts and Sciences and are the recipients of numerous awards and recognitions at regional and national competitions. The Debate Club program is considered one of the top 10 in North America. All of these activities are open to students regardless of their major and home college and are coordinated by well credentialed members of the faculty.

The College of Arts and Sciences is also the pre-professional school of choice. Every year our graduates are continuing to top programs in dentistry, medicine, law and pharmacy. Others are staying with us and entering graduate programs in their area of interest in the humanities, social sciences and natural sciences.

The college has as its main mission to be instrumental in building and sustaining the middle class in its service area. Of the top 10 skills that employers seek in ideal employees, almost all have their home in arts and sciences. Skills like communication, critical thinking, creativity, reasoning, ethics and problem-solving are all foundational skills for the arts and sciences. Because of the value of all our disciplines, our advisors are strong advocates for the double major, an initiative that can, with planning, be completed in a four-year time period.

The arts and sciences are the heart and soul of a university. We are the crossroads for all of higher education. As bearers of this important responsibility, we are dedicated to the education of every student regardless of major. Our goal is to ensure that every UT Tyler student has a strong and diverse skill set that will prepare them for the unprecedented challenges and opportunities in the 21st century.

**DR. NEIL GRAY**  
**DEAN OF ARTS & SCIENCES**

## ART AND ART HISTORY

### Chapters

- Lisot-Nelson, E. A. (2018). "Bleeding Bodies and Bondage: Signifiers of Illegitimacy in Ghirlandaio's Adoration of the Magi and Andrea della Robbia's Tondi at the Ospedale degli Innocenti, Florence" In *Monsters and Borders in the Early Modern Imagination* (pp. 51–68). New York: Routledge Press.
- Lisot-Nelson, E. A. (2019). "Pope Urban VIII (1623-1644 AD) at St. Peter's Basilica, Piazza Barberini, and Palazzo Barberini" In *People and Places of the Roman Past* (pp. 147–158). Amsterdam: Amsterdam University Press: ARC Humanities Press; Cultural Heritage and Digital Humanities Series.

### Creative Performances

- Hughes, A. S. (2017). "Art Studio Faculty Exhibition" group exhibition. Meadows Gallery, The University of Texas at Tyler.
- Hughes, A. S. (2017). "Paintings by Alexis Serio" solo exhibition. McLennan Community College, Waco, Texas.
- Hughes, A. S. (2017). "Summer Group Exhibition" exhibition. Furchgott-Sourdiffe Gallery, Shelburne, Vermont.
- Hughes, A. S. (2018). "Floating Up and Away" solo exhibition. Amy Graves Ryan Fine Arts Gallery, McMurry State University, Abilene, Texas.
- Hughes, A. S. (2018). "Remembrance" solo exhibition. Anne Dean Turk Fine Arts Center, Kilgore College, Kilgore, Texas.
- Hughes, A. S. (2018). "Rewind: Selections from Private Collections" group exhibition. Tyler Museum of Art, Tyler, Texas.
- Hughes, A. S. (2018). "The Way We See It" Two Woman Show. Edgewater Gallery, Middlebury, Vermont.

### Creative Productions

- Magnusen, K. L. (2017, November 9). See and Hear: New Music Inspired by Visual Art. Center for Music Arts. Tyler, Texas: University of Texas at Tyler.
- Magnusen, K. L. (2018, April 21–May 12). Confluence. Lowman Student Center Gallery. Huntsville, Texas: Sam Houston State University.
- Wright, M. (2017, August 28–September 29). CAMEO Emerging Artist Exhibition. San Jacinto College Central. Pasadena, TX: San Jacinto College Central and Clay Arts Museum and Education Organization (CAMEO).
- Wright, M. (2017, September 25–October 20). Time & Place. Wise Auditorium Gallery, Tyler Junior College. Tyler, TX: Tyler Junior College.
- Wright, M. (2017). Studio Art Faculty Exhibition. Meadows Gallery, University of Texas at Tyler. Tyler, TX: University

- of Texas at Tyler.
- Wright, M. (2018, February 2–May 5). 31st Annual Materials: Hard + Soft International Contemporary Craft Competition and Exhibition. Patterson-Appleton Arts Center. Denton, TX: Greater Denton Arts Council.
- Wright, M. (2018, February 9–March 24). Beyond the Brickyard, 10th Annual Juried Exhibition. Archie Bray Foundation. Helena, MT: Archie Bray Foundation.
- Wright, M. (2018, March). Anthropocene: The Innovative? Human. Unsmoke Systems Artspace. Braddock, PA: NCECA Concurrent Exhibition.
- Wright, M. (2018, August). 2018 Southern Miss Ceramics National. Gallery of Art & Design, The University of Southern Mississippi. Hattiesburg, MS: The University of Southern Mississippi.
- Wright, M. (2018). City Sine Cera. Northern Clay Center. Minneapolis, MN: Northern Clay Center.

### Journal Publications

- Magnusen, K. L. (2018). Dewane Hughes: Dallas Farmer's Market. Re:Sculpt-International Sculpture Center.
- Wright, M. (2018). Exposure. *Ceramics Monthly*, 66(6), 17.
- Magnusen, K. L. (2018). "The Great Imitator": Syphilis and Clandestine Prostitution in One of Otto Dix's Die Witwe Watercolors." *New German Critique*, 45, no. 2(134), 33–66.
- Magnusen, K. L. (2018). "The Great War and the 'Good Fight': Visualizing an Existential Crisis of Faith in Otto Dix's War Triptych." *Verge: A Journal of the Arts*, 2.
- Wright, M. (2018). Exposure. *Ceramics Monthly*, 66(3), 15.

### Presentations

- Lisot-Nelson, E. A. (2017, September). "Raphael, Remnants and Relics: Archival Research in Italy" University of Texas at Tyler Art Faculty Exhibition. University of Texas at Tyler: Department of Art and Art History.
- Lisot-Nelson, E. A. (2017, October). "Luther, Leo X and Giulio de' Medici: Heresy, Hysterics and Healing in Raphael's Transfiguration." Sixteenth Century Society Conference. Milwaukee: Sixteenth Century Society.
- Lisot-Nelson, E. A. (2018, March). The Jewish Concubine: Veiling and Unveiling Early Orientalism in Raphael's Portraits of Margherita Luti. Renaissance Society of America Annual Meeting. New Orleans: Sponsored by St. Louis University's Center for Medieval and Renaissance Studies.
- Magnusen, K. L. (2017, September). "Death, Disease, and Deutschland: Visualizing the Trauma of the Great War and its Aftermath." Faculty Research Showcase. University of Texas –Tyler, Tyler, Texas: Department of Art and Art History.

- Magnusen, K. L. (2017, September). "The Great War and the 'Good Fight': Visualizing an Existential Crisis of Faith in Otto Dix's War Triptych." *Verge Conference: Arts + Spirituality*. Langley, British Columbia, Canada: School of the Arts, Media + Culture, Trinity Western University.
- Magnusen, K. L. (2018, June). "Augmented Art, Virtual Vandalism: Geotagging Jeff Koons's Balloon Dog." Thirteenth International Conference on the Arts in Society. Vancouver, Canada: Emily Carr University of Art + Design.
- Wright, M. (2017, September). Artist Talk. Tyler Junior College.
- Wright, M. (2018, May). Guest Artist Talk and Panel Discussion. City Sine Cera Exhibition Programming. Minneapolis, MN: Northern Clay Center.

## Reviews

- Lisot-Nelson, E. A. (2017). *The Lienzo of Tlapiltepec: A Painted History from the Northern Mixteca*, ed. Arni Brownstone. Toronto: Canadian Journal of History: University of Toronto Press.



# BIOLOGY

## Journal Publications

- Bertram, E., Placyk Jr., J. S., Williams, M., & Williams, L. R. (2017). Verification of two cyprinid host fishes for the Texas Pigtoe, *Fusconaia askewi*, in East Texas. *Freshwater Mollusk Biology and Conservation*, 20, 65–70.
- Banta, J. A., & Richards, C. L. (2018). Quantitative epigenetics and evolution. *Heredity*, 121(3), 210–224.
- Chan, C., Jeong, W. L., Slomovic, S., & Collins, J. J. (2018). Next-generation biocontainment systems for engineered organisms. *Nature Chemical Biology*, 14, 530–537.
- Ford, N. (2017). Accuracy of freshwater Mussel Identification: Results from a Study in Texas. *American Conchologist*, 45, 9–17.
- Hertweck, K. L., & Dasgupta, S. (2017). The landscape of mtDNA modifications in cancer: A tale of two cities. *Frontiers in Oncology*.
- Howells, R. G., Randklev, C. R., & Ford, N. (2017). Accuracy of freshwater mussel identification: Results from a study in Texas. *American Conchologist*, 45(3), 9–17.
- Kellner, K., Kardish, M., Seal, J., Linksvayer, T. A., & Mueller, U. G. (2018). Symbiont-mediated host-parasite dynamics in a fungus-gardening ant. *Microbial Ecology*, 76(2), 530–543.
- Marshall, N., Banta, J. A., Williams, L. R., Williams, M., & Placyk Jr., J. S. (2018). DNA barcoding permits identification of potential fish hosts of unionid freshwater mussels. *American Malacological Bulletin*, 36, 42–56.
- Pundt, S. M. (2018). Updated 27 Chapter PowerPoint files (part of Instructor Resources) for the second edition of *Human Anatomy and Physiology* by Erin C. Amerman. Pearson-Benjamin Cummings Publishing.
- Walters, A., Williams, L. R., Williams, M., Ford, N., & Banta, J. (2017). Ecological niche modeling supports the current taxonomy of freshwater mussels that are considered at risk in east Texas, USA. *Aquatic Conservation: Marine and Freshwater Ecosystems*.
- Yu, R. (2017). Correlation of trace element concentrations between epidermis and internal organ tissues in Indo-Pacific humpback dolphins (*Sousa chinensis*). *Science of the Total Environment*, 605–606, 238–245.
- Yu, R. (2017). Illumina-Based Analysis of Bulk and Rhizosphere Soil Bacterial Communities in Paddy Fields under Mixed Heavy Metal Contamination. *Pedosphere*, 27(3), 569–578.
- Other Teaching Materials
- Yu, R. (2017). Tissue partition and risk assessments of trace elements in Indo-Pacific Finless Porpoises (*Neophocaena phocaenoides*) from the Pearl River Estuary coast, China. *Chemosphere*, 185, 1197–1207.
- Yu, R. (2018). Syntrophic pathways for the methylation of mercury. *The ISME Journal*, 12(7), 1826–1835.

## Poster Presentations

- Banta, J. A., & Hertweck, K. (2018, April). Collaborative research with the Army Research Lab: The metabolism and genomics of industrial vs. wild strains of *Clostridium acetobutylicum*. Army Research Lab Partnership Summit 2018: Universities of the Southwest. Houston, TX: Rice University.
- Blanton, A., Barthel, K., Norrell-Tober, J., Williams, M., Placyk, J. S., & Banta, J. A. (2017, September). High Genetic Diversity within Texas Golden Gladecress (*Leavenworthia texana*), a Federally Endangered Flower. UT System Louis Stokes Alliance for Minority Participation (LSAMP) Student Research Conference. El Paso, Texas.
- Blanton, A., Barthel, K., Norrell-Tober, J., Placyk Jr., J. S., & Banta, J. A. (2017). High genetic diversity within Texas Golden Gladecress (*Leavenworthia texana*), a federally endangered flower. Louis Stokes Alliance for Minority Participation Summer Research Academy Poster Competition. University of Texas at Tyler.
- Herrington, G., Veronin, M., Ford, N., & Placyk Jr., J. S. (2017). Molecular determination of hybridization between two freshwater mussels. Louis Stokes Alliance for Minority Participation Summer Research Academy Poster Competition. University of Texas at Tyler.
- Laszlo, A. M., Williams, L. R., Williams, M. G., Hertweck, K. L., Placyk, J. S., & Banta, J. A. (2018, April). Verifying genomically-informed ecological niche models. Lyceum. Tyler, TX: University of Texas at Tyler.
- Laszlo, A. M., Williams, L. R., Williams, M. G., Hertweck, K. L., Placyk, J. S., & Banta, J. A. (2018, April). Verifying genomically-informed ecological niche models. Southwestern Association of Naturalists Annual Meeting. San Marcos, TX.
- McCarley, J., Banta, J. A., Hertweck, K., Placyk Jr., J. S., Williams, M., & Williams, L. R. (2018). The status of the Kisatchie Painted Crayfish (*Orconectes maletae*) in Louisiana. 121st Annual Meeting of the Texas Academy of Science, Midland College, Midland, Texas.
- McCarley, J. L. M., Banta, J. A., Hertweck, K., Placyk, J. S., Williams, M. G., & Williams, L. R. (2018, April). Status of the Kisatchie Painted Crayfish (*Orconectes maletae*) in Louisiana. Southwestern Association of Naturalists Annual Meeting. San Marcos, TX: Southwestern Association of Naturalists.
- Romo, R., Seal, J. N., Hertweck, K. L., & Kellner, K. (2017, autumn). Population Genetics of the State Listed Comanche Harvester Ant, *Pogonomyrmex comanche*. Annual Meeting of the Society for Ecological Restoration, Texas Chapter. Denton, Texas.
- Romo, R., Seal, J. N., Banta, J., Hertweck, K. L., & Kellner, K. (2018, spring). Investigating the Life History of *Pogonomyrmex comanche*. Southwestern Association of Naturalists (SWAN) Conference. San Marcos, TX.
- Sarah, S., Seal, J. N., Banta, J. A., Mueller, U., & Kellner, K. (2017, autumn). Ecological niche models of eight

Trachymyrmex species. Annual Meeting of the Society for Ecological Restoration, Texas Chapter. Denton, Texas.

Senula, S., Seal, J. N., Banta, J. A., & Kellner, K. (2018, April). Ecological niche models of eight Trachymyrmex species. Southwestern Association of Naturalists Annual Meeting. San Marcos, TX.

## Presentations

- Banta, J. A. (2017, November). Integrative Conservation Biology and the Neches River Rose Mallow. Invited seminar at Juanita College. Huntingdon, PA.
- Banta, J. A. (2018, January). Bacteria, fuel cells, and army forward operating bases. Invited seminar at Hood College. Frederick, MD.
- Banta, J. A. (2018, May). Integrative Conservation Biology and the Neches River Rose Mallow. Invited seminar at Virginia State University. Petersburg, VA: Department of Biology, Virginia State University.
- Banta, J. A. (2018, July). Integrative conservation biology in East Texas, USA. Invited seminar at the University of Latvia. Riga, Latvia: University of Latvia.
- Barazowski, M., Ford, N., Banta, J. A., Williams, M., & Placyk Jr., J. S. (2017). Integrating habitat suitability modeling and radio telemetry to describe habitat use of the Western Massasauga, *Sistrurus t. tergeminus*, in Texas. Joint Meeting of Ichthyologists and Herpetologists, Renaissance Austin Hotel, Austin Texas.
- Chan, C. (2017, October). Module Swapping of Transcriptional Regulators: An Efficient Way to Rewire Input-Output Connections. Biological Sciences Seminar Talk at the University of Texas at Dallas. Richardson, TX: The University of Texas at Dallas.
- Chan, C. (2018, January). Creating Hybrid Transcriptional Regulators that Flexibly Alter Signal Response Pathways for Synthetic Biology Applications. BioFrontiers Seminar Talk at the University of North Texas. Denton, TX: The University of North Texas.
- Chan, C. (2018, August). Antibiotics induce nitrosative stress in microorganisms (Abstract number TOXI 31). 256th ACS National Meeting. Boston, MA: American Chemical Society.
- Ford, N., Glen, A., Dickson, J., Williams, L. R., Williams, M., Placyk Jr., J. S., Banta, J. A. (2017). Distribution and ecology of six state threatened mussel species of East Texas. 10th Biennial Symposium of the Freshwater Mollusk Conservation Society, Cleveland Marriott Downtown at Key Center, Cleveland, Ohio.
- Ford, N. (2018, May). What I learned about rivers from snakes, mussels and crayfish. Invited department seminar. Oxford Ohio: Miami University.
- Ford, N. (2018, June). Catch-up growth and Reproduction in Snakes. International Herpetological Symposium. Houston, TX: International Herpetological Symposium.
- Laszlo, A., Placyk Jr., J. S., Williams, L. R., Williams, M., Hertweck, K., & Banta, J. A. (2018). Verifying

genomically-informed ecological niche models. 65th Annual Meeting of the Meeting of the Southwestern Association of Naturalists, Texas State University, San Marcos, Texas.

- McCarley, J., Banta, J. A., Hertweck, K., Placyk Jr., J. S., Williams, M., & Williams, L. R. (2018). The status of the Kisatchie Painted Crayfish (*Orconectes maletae*) in Louisiana. 65th Annual Meeting of the Southwestern Association of Naturalists, Texas State University, San Marcos, Texas.
- McCarley, J., Banta, J. A., Hertweck, K., Placyk Jr., J. S., Williams, M., & Williams, L. R. (2018). The status of the Kisatchie Painted Crayfish (*Orconectes maletae*) in Louisiana. 42nd Annual Meeting of the Texas Chapter of the American Fisheries Society, Hilton College Station and Conference Center in College Station, Texas.
- McGinnis, M. J., & Banta, J. A. (2018, April). Presentation about the US Army-aligned research capabilities of the University of Texas at Tyler. Army Research Lab Partnership Summit 2018: Universities of the Southwest. Houston, TX: Rice University.
- Ortiz, A., & Hertweck, K. L. (2017, summer). Historical distribution of diploid and autotetraploid *Callisia graminea* (Commelinaceae) and implications of climate change. Evolution. Portland, Oregon: SSB, SSE, ASN.
- Placyk Jr., J. S. (2018). From herpetologist to conservation biologist: The journey of one Texas ecologist. Invited talk - The Department of Environmental Science and Ecology at the University of Texas at San Antonio, San Antonio, Texas.
- Placyk Jr., J. S. (2018). Tales of an integrative conservation biologist: or there and back again. Invited talk - Department of Biological Sciences at East Tennessee State University, Johnson City, Tennessee.
- Placyk Jr., J. S. (2018). The life and times of a Texas conservation geneticist. Invited talk - Biology Program at Texas A&M University-San Antonio, San Antonio, Texas.

## Reviews

- Pundt, S. M. (2017). Reviewed Interactive Physiology 2.0 storyboard for Tubular Reabsorption and Secretion. Pearson-Benjamin Cummings Publishing.
- Pundt, S. M. (2018). Next Generation WileyPlus Focus Group Participant. 32nd International Human Anatomy and Physiology Convention in Columbus, Ohio: Wiley Publishing.
- Pundt, S. M. (2018). Performed a review of the beta version of Pearson's new Virtual A&P Labs, Blood Typing Lab Simulation. Pearson-Benjamin Cummings Publishing.
- Pundt, S. M. (2018). Virtual Blood Typing Lab Simulation Focus Group Participant. 32nd International Human Anatomy and Physiology Convention in Columbus, Ohio: Pearson - Benjamin Cummings Publishing.

## Grants

- Azghani, Ali. Beta Beta Beta Research, Beta Beta Beta Biological Society (November 7, 2017), USD \$350.

Banta, Joshua. Distribution of Subspecies of wild Rose Mallow in East Texas, Texas Ecolab (December 17, 2017), USD \$3,141.

Kellner, Katrin. Spatial diversity of microbial communities of two fungus-gardening ants of Texas, Texas Memorial Museum/Texas Ecolabs (February 1, 2018), USD \$8,815.17.

Williams, Lance. Stream Biomonitoring for Ft. Polk, LA 2018, Gulf South Research Corporation (March 6, 2018), USD \$31,226.

# CHEMISTRY AND BIOCHEMISTRY

## Chapters

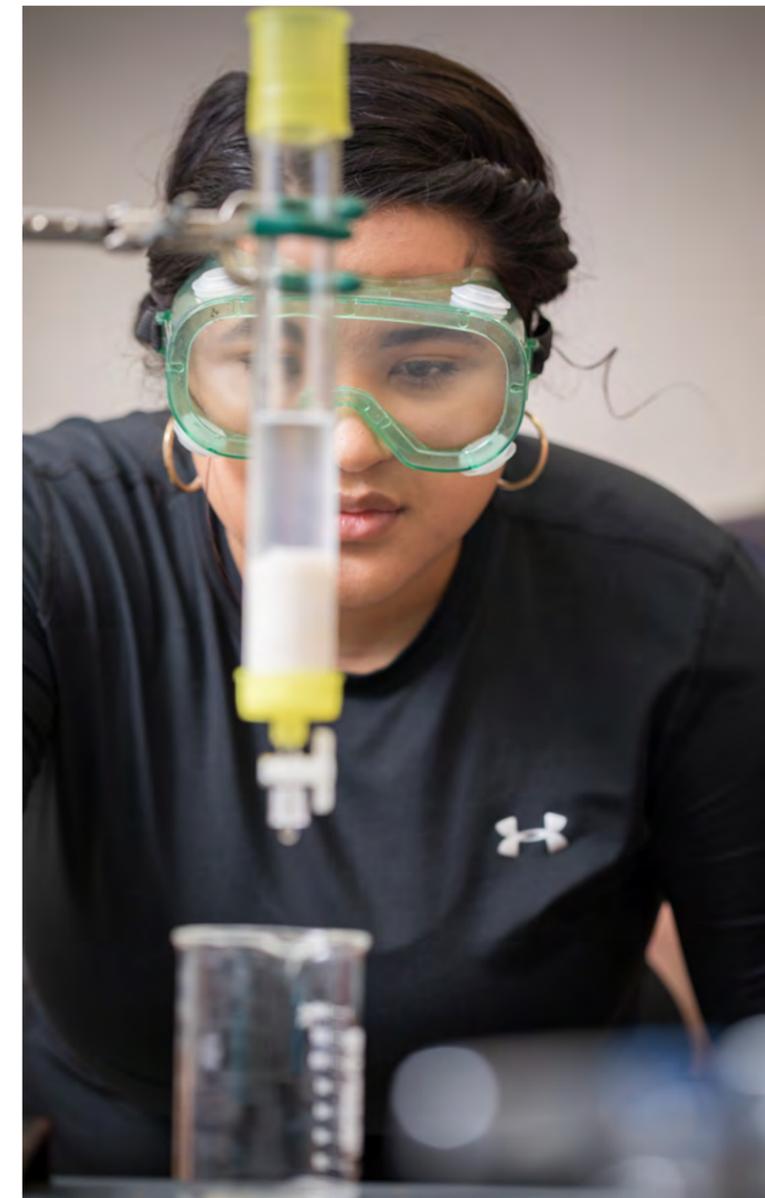
- Patterson, D. P. (2018). Encapsulation of Active Enzymes within Bacteriophage P22 Virus-Like Particles. In Protein Scaffolds: Design, Synthesis, and Applications (pp. 11–24). Springer.

## Journal Publications

- Patterson, D. P., Benjamin, S., Avera, J., Western, B., Hicks, M., Krugler, P., Douglas, T. (2017). Sortase-Mediated Ligation as a Modular Approach for the Covalent Attachment of Proteins to the Exterior of the Bacteriophage P22 Virus-like Particle. *Bioconjugate Chemistry*, 28(8), 2114–2124.
- Uchida, M., McCoy, K., Fukuto, M., Yang, L., Yoshimura, H., Miettinen, H. M., Douglas, T. (2018). Modular Self-Assembly of Protein Cage Lattices for Multistep Catalysis. *ACS Nano*, 12(2), 942–953.

## Grants

- Gray, Neil (PI), Mason (Co-PI), Pearce (Co-PI), Shtoyko (Co-PI), Smees (Co-PI). Welch Foundation Chemistry Department Research Grant FY2018, Robert A. Welch Foundation (June 1, 2017), USD \$35,000.
- Gray, Neil. Joint Admission Medical Program, Texas Higher Education Coordinating Board (September 1, 2017), USD \$12,623.



# COMMUNICATION

## Books

Kidd, M. A., & Scheinfeld, E. (2017). *Form and Substance: A Speech Communication Workbook*.

## Chapters

Baughman, D., & Cali, D. D. (2017). Trump as Troll: Personae and Persuasive Inoculation in the 2016 Presidential Campaign. In *The 2016 Presidential Campaign: Political Communication and Practice* (pp. 153–177). New York: Lexington Book Series in Political Communication.

Cali, D. (2018). Chiara Lubich: Mediating Love and Unity. In *Words and Witnesses: Communication Studies in Christian Thought from Athanasius to Desmond Tutu*. Peabody, MA: Hendrickson Publishers.

Hayes, J., Paterno, D., Eleftheriadis, E., & Tepe, S. (2017). Ensuring contract worker safety in complex organizational systems. In *Preventing Accidents at Work* (pp. 61–68). Boca Raton, FL: CRC Press/Taylor and Francis.

Scheinfeld, E., Nelson, E., & Crook, B. (2017). From the drawing board to the kitchen table: An analysis of parental messages concerning nutrition, physical activity, and weight. In *Contemporary Studies of Relationships, Health, and Wellness*. Cambridge University Press.

## Journal Publications

Cali, D. (2017). The Sacramental View of Marshall McLuhan, Walter Ong, and James Carey. *Explorations in Media Ecology*, 16(1 and 2), 139–155.

Scheinfeld, E., & Worley, T. (2018). Understanding the parent-child relationship during the transition into college and emerging adulthood using the Relational Turbulence Theory. *Communication Quarterly*, 66(4), 444–462.

Velten, J. C., Arif, R., & Moehring, D. (2017). Managing Disclosure through Social Media: How Snapchat is Shaking Boundaries of Privacy Perceptions. *Journal of Social Media in Society*, 6(1).

Velten, J. C., Arif, R., & Moehring, D. (2017). When Pain can be managed by Managing the Communication: The Influence of Indirect Providers on HCAHPS. *International Journal of Communication and Healthcare*, 11, 54–65.

## Poster Presentations

Scheinfeld, E., & Lake, P. K. (2018, July). Why is it just so hard? Making sense of end-of-life communication between family members. *International Association for Relationship Research Annual Conference*. Fort Collins, CO: International Association for Relationship Research.

## Presentations

Cali, D. (2017, June). The Interior Sensorium in Media Ecology: Justification for Study. *Media Ecology Association Annual Convention*. Orono, Maine: Media Ecology Association.

Cali, D. (2017, June). The Sacramental View of Albert Borgmann. *Philosophy of Communication—The Catholic Intellectual Tradition*. Pittsburg, PA: Duquesne University Philosophy of Communication Conference.

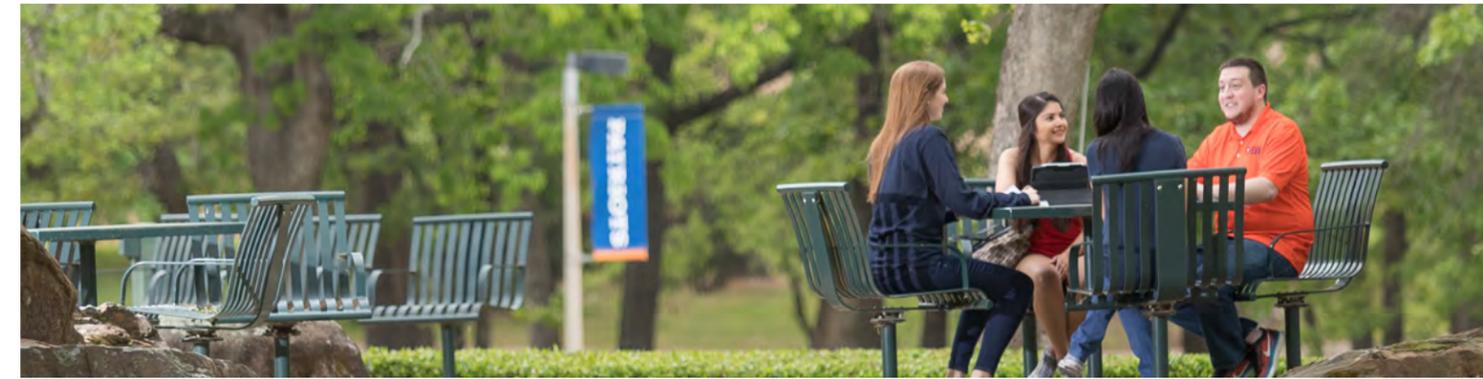
Crook, B., Scheinfeld, E., Navarro, A., & Perry, C. (2017, November). Memorable messages about e-cigarettes. *National Communication Association Annual Convention*. Dallas: National Communication Association.

Matthews, M.L. (2018) Narrativity and Tellability: An Analysis of the Six-Second Video. *Southern States Communication Association Conference*, April 4-8, 2018, Nashville, TN.

Matthews, M.L. (2018) The Muses all get into the Act: Narrative and Video Mediated Storytelling. Panel Organizer & Member. *Southern States Communication Association Conference*, April 4-8, 2018, Nashville, TN.

Scheinfeld, E. (2017, November). There's something about health: Understanding everyday talk about health within families. *National Communication Association Annual Convention*. Dallas, Texas: National Communication Association.

Scheinfeld, E., Crook, B., & Perry, C. (2018, April). Understanding young adults' e-cigarette use through the theory of planned behavior. *Southern States Communication Association Annual Conference*. Nashville, TN: Southern States Communication Association.



# LITERATURE AND LANGUAGES

## Chapters

- Beebe, A. (2017). "My flower garden has taught me that lesson": Gardens in E.D.E.N. Southworth's Novels." In *Enchanted, Stereotyped, Civilized: Garden Narratives in Literature, Art, and Film*.
- Standridge, E., & Dubre, V. (2017). Using Information Literacy Tutorials Effectively: Reflective Learning and Information Literacy in First Year Composition. In *Information Literacy and Writing Studies (Purdue Information Literacy Handbooks)*.
- Strong, D. (2017). John Donne and Cognitive Psychology. In *Critical Insights: Psychological Approaches to Criticism*. Grey House Publishing.

## Journal Publications

- Beebe, A. (2017). Only surpassed by the light of Revelation": Asher Brown Durand's Thanatopsis. *Religion and the Arts*.
- Beebe, A. (2017). "The Elegances of the Breakfast-Table": The Encoded Space of the Breakfast-Room in Nineteenth-Century American Novels." *The Routledge Companion to Literature and Food*.
- Beebe, A. (2017). "The Red Flannel Shirt: The Dynamic Clothing Metaphor in the Maine Woods." *Nineteenth Century Prose*.
- Beebe, A., & DeGrasse, C. (2017). Dickinson's I've Known a Heaven, like a Tent--" (Fr257). *The Explicator*, 75(2), 125–128.
- Propper, T. (2017). The Pedagogy and Politics of Racial Passing: Examining Media Literacy in Turn-of-the-Century Activist Periodicals. *The Interdisciplinary Journal of Popular Culture and Pedagogy*, 4(1), 1–13.
- Standridge, E. (2017). Safe Spaces and Brave Pedagogies in Tutor Training Guides. *The Peer Review*.
- Wu, H. (2017). TREND AND DILEMMA IN TRANSLATION: How the Mainstream Rejects Alternative Rhetorics. *Asia-Pacific Interdisciplinary Translation Studies*, 4, 19–31.
- Wu, H., & Xue, T. (2017). History of Chinese Rhetoric Studies in the U.S. *Contemporary Study of Rhetoric*, 202(4), 42–52.

## Other

- Adsanatham, C., Carter, K., & Wu, H. (2017). Inserting Asian/American Rhetorics & Feminisms: History, Visions, and Collaborative Actions. *Peitho; Journal of Coalition for Women Scholars in the History of Rhetoric and Composition*.
- Ross, C. E. (2017). Chapter 4: The Romantics' University Experience.

## Presentations

- Beebe, A. (2018, May). "Light is the first of painters": Ralph Waldo Emerson and the Luminism of John Frederick Kensett. ALA (American Literature Association) National Conference. San Francisco: ALA.
- Bock, G. L. (2018, March). Buddhism, Racism, and Forgiveness. American Academy of Religion, Southwest Region. Irving TX.
- Bock, G. L. (2018, March). Creating and Sustaining a Community of Engagement. Ethics Center Director Summit, APPE. Chicago IL.
- Bock, G. L. (2018, March). Forgiveness and Humility. Association of Practical and Professional Ethics. Chicago IL.
- Cowart, T. W., Dubre, V., Duke, G., & Bock, G. L. (2018, March). Creating a Community of Engagement and Longevity. Association of Practical and Professional Ethics. Chicago, IL: APPE.
- Cowart, T. W., Duke, G., Bock, G. L., & Dubre, V. (2018, March). Ethical implications of state mandated disposition of fetal remains. Association of Practical and Professional Ethics. Chicago, IL: APPE.
- Jessop, A. K. (2018, July). "The Island as Chronotope: Gertrude Stein, Laura Riding and Robert Graves Compose Mallorca, 1912–1936." 14th International Robert Graves Conference, July 10-14, 2018 (panel presentation). Palma de Mallorca, Spain: Robert Graves Society and St John's College, Oxford, in co-operation with the Fundació Robert Graves and University of the Balearic Islands.
- Kelly, M. (2018, April). Professionals in Transfer: Using Digital Learning Environments to Build Bridges between Novices and Experts. College English Association national conference.
- Kelly, M. (2018, spring). Reading the Professions: The Role of Epistemology in Professional and Technical Writing Instruction. Conference on College Composition and Communication.
- Ross, C. E. (2018, May). "Understanding the Romantics' University Experience: a path to new insights into their work and careers." *The Romantics Go to University*. Edge Hill University, Olmskirk, UK: Edgehill University.
- Standridge, E. (2017, October). Reaching New Levels: Tutor Training and Problem Based Learning. National Conference on Peer Tutoring in Writing. Hofstra University: IWCA.
- Standridge, E. (2018, spring). Flow and the Experience of Writing. Conference on College Composition and Communication. Kansas City, Missouri: National Council on Teaching English.
- Streufert, P. D. (2018, April). "Family, Terror, and the Uncanny in Sam Shepard's Heartless." 42nd Annual Comparative Drama Conference. Orlando, FL.
- Strong, D. (2018, April). The Fraternal Bond in Chaucer's "Second Nun's Tale" Christianity and Literature Western Conference. Portland, OR: Society of Christianity and

Literature.

- Tilghman, C. M. (2018, spring). "The Aesthetic, the Not-So-Pretty, and Flânerie in Charlotte Mew's 'Passed' and Virginia Woolf's 'Street Haunting.'" 49th Annual College English Association (CEA) Conference. St. Petersburg, FL: College English Association.
- Utley, G. J. (2018, April). Cincinnati Conference on Romance Languages and Literatures. Cincinnati conference on Romance Languages and Literatures. Cincinnati, Ohio: University of Cincinnati.
- Wu, H. (2018, January). American Faculty Employment and Development. Faculty Seminar. Shanghai, China: Shanghai Lixin University of Commerce.
- Wu, H. (2018, January). Professional Communication. Symposium. Shanghai: Shanghai Lixin University of Commerce.
- Wu, H. (2018, March). Implications of Yin-Yang to Teaching Invention across the Cultures. Conference on College Composition and communication. Kansas City, MO: NCTE.
- Wu, H. (2018, June). Yin-Yang as the Philosophical Foundation for Chinese Rhetoric. Rhetoric Society of America Conference. Minneapolis: Rhetoric Society of America.

## Reviews

- Strong, D. (2018). *Piers Plowman and the Poetics of Enigma*. Review of English Studies: University of Oxford Press.

# MATHEMATICS

## Journal Publications

- Archer, K., & Lauderdale, L.-K. (2017). Unimodal permutations and almost-increasing cycles. *Electronic Journal of Combinatorics*, 24(3), #P3.36.
- Graves, C., Graves, S. J., & Lauderdale, L.-K. (2017). Vertex minimal graphs with dihedral symmetry. *Discrete Mathematics*, 340, 2573–2588.
- Graves, C., Graves, S. J., & Lauderdale, L.-K. (2018). Smallest graphs with given generalized quaternion automorphism group. *Journal of Graph Theory*, 87, 430–442.
- Milan, D. P., & LaLonde, S. M. (2017). Amenability and uniqueness for groupoids associated with inverse semigroups. *Semigroup Forum*, 95(2), 321–344.

## Presentations

- Anders, K. (2017, Summer). Enumerating unimodal rooted forests avoiding the pattern 123. Contributed Paper Session on Graph Theory at Math Fest 2017. Chicago.
- Anders, K. (2017, Summer). Job wanted: Building a Math Club talk about internships and career opportunities. Themed

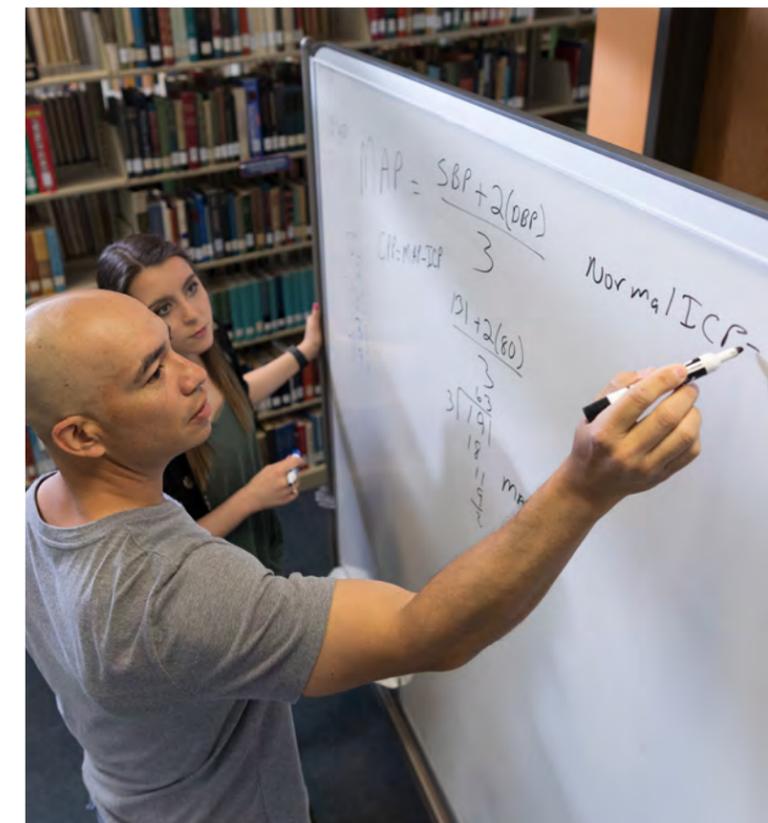
- Contributed Paper Session Math Potluck: A Students Swap Session at Math Fest 2017. Chicago.
- Anders, K. (2017, Autumn). Rooted forests that avoid sets of permutations. Stephen F. Austin State University Math Department Colloquium.
- Anders, K. (2018, Spring). Enumerating unimodal rooted forests avoiding the pattern 321. MAA General Contributed Paper Session on Graph Theory at Joint Mathematics Meetings. San Diego.
- Archer, K. (2018, March). Pattern-avoidance and cycle type. Sam Houston State University Colloquium.
- Archer, K. (2018, Spring). Pattern-avoidance in rooted trees. CombinaTexas. Texas A&M University.
- LaLonde, S. M. (2017, Autumn). Fell bundles: Unifying C\*-algebras associated to groupoids. Linear Analysis Seminar. College Station, TX: Texas A&M University.
- LaLonde, S. M. (2018, May). Stabilization for Fell bundles over exact groupoids. Great Plains Operator Theory Symposium. Miami University.

## Proceedings Publications

- Archer, K., Moore, K., & Elizalde, S. (2017). Patterns of negative shifts and signed shifts. In *Seminaire Lotharingien de Combinatoire (Vol. 78B)*.

## Grants

- Milan, David. Texas Undergraduate Mathematics Conference, National Science Foundation (August 2018), USD \$7,290.



# MUSIC

## Creative Performances

- Conway, V. J., & Daughtery, E. (2017). All-Steinway School Celebration. Solo and Duo Piano Recital. Braithwaite Recital Hall: Dept. of Music.
- Conway, V. J., Park, S., & Kim, E. J. (2018). Faculty and Guest Recital. Steinway Piano Gallery Recital. Austin TX: Steinway Piano Gallery.
- Conway, V. J., McBain, J., & Gullings, K. (2018). Premiere performance of JPL Sonata for Trumpet and Piano by Dr. Kyle Gullings. College Music Society Regional Conference. Durant, OK.
- Gullings, K. (2017). Inauguration Fanfare for brass ensemble. Composed and premiered for the Dr. Michael Tidwell's Presidential Inauguration Installation Ceremony at UT Tyler. The University of Texas at Tyler.
- Gullings, K., Conway, V. J., McBain, J. (2018). Performance of original composition – JPL Sonata. College Music Society South Central Regional Conference. Durant, OK.
- Gullings, K., Conway, V. J., McBain, J., Daughtery, E., & Back, A. R. (2018). Faculty Recital - Dr. Kyle Gullings, Composer (JPL Sonata, selections from Departure). Solo Faculty Recital. Braithwaite Recital Hall: The University of Texas at Tyler.
- Park, S., McBain, J., Conway, V. J., Roberts, S., & Rose, C. J. (2018). Faculty Recital. Celebrating 20 years in Braithwaite Recital Hall. Braithwaite Recital Hall: UT Tyler Music.
- Park, S. (2017). Faculty Recital. Faculty Recital. Braithwaite Recital Hall: UT Tyler.
- Park, S. (2017). Guest Artist Recital. Cole Auditorium: Providence College Performing Arts.
- Park, S. (2017). Guest Artist Recital. Guest Artist Recital. Irons Hall: The University of Texas at Arlington.
- Rose, C. J. (2017). Conductor. A Concert for Zoe: UT Tyler Patriot Singers Combined Concert with Philippine Madrigal Singers. Caldwell Auditorium, Tyler: School of Performing Arts.
- Rose, C. J. (2017). Conductor. My Song in the Night: UT Tyler Patriot Singers Combined Concert with Philippine Madrigal Singers. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. J. (2017). Conductor. What Sweeter Music: UT Tyler Patriot Singers & Concert Chorale Christmas Concert. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. J. (2017). Conductor. What Sweeter Music: UT Tyler Patriot Singers Combined Concert with Philippine Madrigal Singers. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. J. (2017). Conductor. My Song in the Night: UT Tyler Patriot Singers & Concert Chorale Fall Concert. First Presbyterian Church, Tyler: School of Performing Arts.
- Rose, C. J. (2018). Conductor. A Spring Concert: UT Tyler

Patriot Singers & Concert Chorale; East Texas Symphony Chorus Combined Concert. Chapel of Saints Peter & Paul, Tyler: School of Performing Arts.

Rose, C. J. (2018). Conductor. UT Tyler Patriot Singers & Concert Chorale; East Texas Symphony Chorus; East Texas Symphony Orchestra Combined Concert. Cowan Center, Tyler: School of Performing Arts.

Rose, C. J. (2018). Conductor. Together in Song: UT Tyler Patriot Singers & Concert Chorale; TJC Chamber Singers & Concert Choir Combined Concert. First Presbyterian Church, Tyler: School of Performing Arts.

## Creative Productions

Rose, C. J. (2018). Be Thou My Vision. The Tabernacle Choir and Orchestra at Temple Square. Conference Center at Temple Square, Salt Lake City, UT: The Tabernacle Choir and Orchestra at Temple Square.

## Journal Publications

- Gullings, K. (2017). Open Educational Resources (OER) in the Music Theory Classroom: A Curricular Redesign Travelogue. *Engaging Students: Essays in Music Pedagogy*.
- Park, S., Grimes, R. R., McCoy, J. W., Mungo, S., Ramo, S., & Moore, B. H. (2018). Playing in the Sandbox: Reflections on the 2016 TEXOMA NATS/NOA Collaboration of Michael Ching's Speed Dating Tonight! *The Opera Journal*.
- Thrasher, M., & Gullings, K. (2018). Assessment in the Applied Studio: Simple Steps for Documenting Student Progress. *NACWPI Journal*, 66(2).

## Other Teaching Materials

Gullings, K. (2018). Open Educational Resources for Undergraduate Music Theory. *Journal of Music Theory Pedagogy*.

## Presentations

- Delello, J. A., & Park, S. (2018, Spring). Using Touch Cast Studio. CETL Workshop. Tyler, Texas: The University of Texas at Tyler.
- Gullings, K. (2018, March). Open Educational Resources (OER) in the Music Theory Classroom: A Curricular Redesign Travelogue. College Music Society Regional Conference. Durant, OK: College Music Society.
- Park, S. (2017, November). Artist Series. The National Association of Teachers of Singing. Finney Concert Hall: Texas A & M at Commerce.
- Park, S. (2018, March). Poldowski and Her Songs. Music by Women Festival. Columbus MS: Mississippi University for Women.
- Park, S. (2018, March). Timeless Beauty of Poldowski's Songs. Music by Women Festival. Mississippi University for Women: Music by Women Festival.

# POLITICAL SCIENCE AND HISTORY

## Books

- Li, W., & Sterken Jr., R. E. (2018). Chinese Version of Alliance with Russia Comes of Age. Lambert Academic Publishing.
- Wahlrab, A., & McNeal, M. J. (2018). U.S. Approaches to the Arab Uprisings: International Relations and Democracy Promotion. London: I. B. Tauris.

## Chapters

- Linehan, M. (2017). Prostitution in the US: Chicago. In *Selling Sex in the City: A Global History of Prostitution, 1600s-200s* (p. 386-413). London: Brill.
- Mwanzia Koster, M. (n.d.). Pastoralism in Pre-Colonial Africa, textbook. In *Africa, Pre-colonial* (p. 30). North Carolina: North Carolina Press.
- Wahlrab, A., & McNeal, M. J. (2018). Introduction: Contesting the Dominant Narratives of the Arab Spring. In *U.S. Approaches to the Arab Uprisings: International Relations and Democracy Promotion*. London: I. B. Tauris.
- Wahlrab, A. (2018). Making Revolutionaries Out Of "Safe Citizens": Sovereignty, Political Violence, and the Arab Uprisings. In *Approaches to the Arab Uprisings: International Relations and Democracy Promotion* (pp. 183–205). London: I. B. Tauris.

## Journal Publications

- Dotson, M. R. (2017). "Hate Behind the Pine Curtain" The Activist History Review.
- LeBlanc, J. R., & Medine, C. J. (2017). Displacements of Identity in Palestine/Israel: Edward Said and Jean Mohr. *ARTS: The Arts in Religious and Theological Studies*, 29(1), 54–69.
- Link, M. (2018). "Give my regards to the people of Tyler": Edelle Parker and the Western Front. *The Chronicles of Smith County, Texas*, 48, 46–55.
- Lynch, M. S., Madonna, A. J., Owens, M., & Williamson, R. D. (2018). The Vice President in the U.S. Senate: Examining the Consequences of Institutional Design. *Congress & the Presidency*, 45(2), 145–165.
- Owens, M. (2018). Changing Senate Norms: Judicial Confirmations in a Nuclear Age. *PS: Political Science and Politics*, 51(1).
- Snider, C. M. (2017). "Student Mobilization, Higher Education, and the 2013 Protests in Brazil in Historical Perspective." *Latin American Research Review*, 52(4), 654–667.
- Snider, C. (2018). "The Perfection of Democracy Cannot Do without Dealing with the Past": Dictatorship, Memory, and the Politics of the Present in Brazil. *The Latin Americanist*.

Stadelmann, M. A. (2018). "The End of Germany: The Impact of Muslim Migration." *National Social Science Journal*. Volume 49#2, ISSN-2154-1736, 2018, (February).

## Other

Owens, M. (2018). Are courtesy meetings nuked? LegBranch Blog.

## Presentations

- Bryant Jr., K. (2018, January). Public Unrest, Police Response, and Black Attitudes. Southern Political Science Association. New Orleans, LA.
- Bryant Jr., K. (2018, May). Race and Ethnicity in Higher Education. The American Democracy Project at Stephen F. Austin State University. Stephen F. Austin State University.
- Howard, N., & Owens, M. (2018, Spring). Changing Norms of Specialization: Amendment Sponsorship in the U.S. Senate. Southern Political Science Association Annual Meeting. New Orleans, LA: Southern Political Science Association.
- Howard, N., & Owens, M. (2018, Spring). Committee Delay in Federal Court Nominations. Midwest Political Science Association Annual Meeting. Chicago, IL: Midwest Political Science Association.
- LeBlanc, J. R. (2017, September). Collaboration, Resistance, and Implication in Sari Nusseibeh's Palestine/Israel. American Political Science Association Annual Meeting. San Francisco, California: American Political Science Association.
- LeBlanc, J. R. (2017, October). Collaboration, Resistance, and Implication in Sari Nusseibeh's Palestine/Israel (revision). Association for Political Theory Annual Meeting. Ann Arbor, MI: Association for Political Theory.
- Lopez, E. A. (2018). Understanding Case Saliency in the U.S. Circuit Courts of Appeals. 2018 annual meeting of the Midwest Political Science Association. Chicago, Illinois: Midwest Political Science Association.
- Link, M. (2018, April). Doing their bit: Irish Nurses and the Great War. Boston College Symposium: Is There an American School of Irish History? Boston College, Boston, MA: Boston College Irish Studies Program.
- Mwanzia Koster, M. (2017, September). After us there will be No More" The Politics of Culture in Ukambani, Kenya. Kenya Scholars and Studies Association (KESSA) Conference. Atlanta, Georgia: Kenya Scholars and Studies Association (KESSA).
- Mwanzia Koster, M. (2017, September). The Kenyan Elections 2017: The Historical Significance - Panel. Kenya Scholars and Studies Association (KESSA). Atlanta Georgia: Kenya Scholars and Studies Association (KESSA).
- Mwanzia Koster, M. (2018, February). Historical and Social Perspectives: "Bound: Africans and African Americans." Black History Month Program, United States International University. Nairobi, Kenya: United States

International University.

Mwanzia Koster, M. (2018, February). The Impact of War on African Youth: Conflict and Post-Conflict. Keynote Address, Black History Month Program, United States International University – Africa. Nairobi, Kenya: United States International University – Africa.

Carter, J. (2018, March). The Rise of Radical Populism in the Netherlands. National Technology and Social Science Conference. Las Vegas.

Mwanzia Koster, M. (2018, June). The Art of Research and Writing. Graduate and Faculty Seminars. Nairobi, Kenya: St. Paul's University.

Mwanzia Koster, M. (2018, July). "We Have Never Gotten Our Fair Share": The Mau Mau Past and the Present Politics of "Uhuru." TOFAC Africa Conference. Nairobi, Kenya: United States International University – Africa.

Mwanzia Koster, M. (2018, July). "We Want Churches or Schools Built Where the Shrines Stood": The Politics of Rain in Kenya". African Association for the Study of Religions. Lusaka, Zambia: University of Zambia and Justo Mwale University.

Mwanzia Koster, M. (2017, November). Diasporic Institutions in the Reshaping and Refashioning of Kenya: The Kenyan Scholars and Studies Association, 2007-2017. African Studies Association Conference. Chicago: African Studies Association.

Owens, M., Howard, N., & Hare, C. (2018, Summer). Finding Policy Partners: The Varying Dimensionality of Legislators within Issues. Congress & History Conference. Princeton, NJ: Center for the Study of Democratic Politics.

Owen, K., & Owens, M. (2018, Spring). Redistricting as a Hurdle for Female Incumbents in the South. The Citadel Symposium on Southern Politics. Charleston, SC: The Citadel.

Snider, C. M. (2018, March). "What Would Santos Dumont Say?: Brazilian Narratives of Nation and Society in the Cold War Space Race." Southeastern Council of Latin American Studies (SECOLAS). Nashville, TN: SECOLAS.

Snider, C. M. (2018, July). "Atravessando um momento crítico": University Reform and Brazil-US Relations, 1963-1977." Brazilian Studies Association (BRASA). Rio de Janeiro, Brazil: BRASA.

Stadelmann, M. A. (2017, October). "Recent Migration to Germany: Economic Salvation Or Societal Destruction?" 2017 International Academic Conference for Business. Las Vegas.

Stadelmann, M. A. (2018, March). "The Rise of the Populist Right in Germany." 2018 National Social Science Association Meeting.

Sterken Jr., R. E. (2018, April). Perils of Dominionism: Buddhist Lessons for Dominionist Christians. Eighth International Conference on Religion & Spirituality in Society. University of California at Berkeley, Berkeley, CA: University of California at Berkeley, Berkeley, CA.

Sterken Jr., R. E. (2018, June). China and its Southeast

Asian Neighbors: A Closer Look at Challenges and Opportunities in Myanmar and Southeast Asia. Invited lecture at the United States Embassy in Beijing, China Shenyang, China, June 17, 2018. Shenyang, China: The United States Department of State Embassy in Beijing, China.

Sterken Jr., R. E. (2018, Summer). China, Russia, and the United States: Foreign Policy and International Relations. Invited lecture series at Jilin University School of Public and International Affairs in Changchun, China. Changchun, China: Jilin University School of International and Public Affairs.

Stith, M. M. (2017, November). Facing East from the Trans-Mississippi Borderlands. Western History Association Conference. San Diego, CA: Western History Association.

Stith, M. M. (2017, November). Re-Imagining the Civil War Battlefield: Nature, Culture, and the Civilian War on the Border. Civil War in Arkansas Symposium. Bentonville, AR: Northwest Arkansas Community College.

Stith, M. M. (2017, November). The Trans-Mississippi Homefront: Consensus, Conflict, and New Directions. Civil War in Arkansas Symposium. Bentonville, AR: Northwest Arkansas Community College.

Stith, M. M. (2018, April). The Civil War Facing East: New Perspectives on the War in the Trans-Mississippi. East Texas Heritage Museum Association Meeting. Tyler, TX: East Texas Heritage Museum Association.

Tabri, E. (2017, November). History and the Holy in Bede's Vision of Jerusalem. Southeast Medieval Association Annual Conference. Charleston, SC: College of Charleston/The Citadel.

Tabri, E. (2018, March). "Who Was St. Francis of Assisi?" Event - The Bible through the Lens of History. Tyler, Texas: St. Francis Episcopal Church.

Wahlrab, A., & Steger, M. B. (2018, April). "Authors Meet Critics: 'What is Global Studies? Theory and Practice', by Manfred B. Steger and Amentahru Wahlrab," International Studies Association Annual Meeting. San Francisco, CA: International Studies Association.

Wahlrab, A., & Wahlrab, T. J. (2018, April). "Welcome Dayton: The Role Of Cities In The Integration Of Immigrants And Refugees." International Studies Association Annual Meeting. San Francisco, CA: International Studies Association.

Wink, K., & Owens, M. (2018, Spring). What's in a Name? African-American 'Evangelicals' and the 2014 and 2016 Elections. The Citadel Symposium on Southern Politics. Charleston, SC: The Citadel

## Reviews

LeBlanc, J. R. (2018). Review of Pax Gandhiana: The Political Philosophy of Mahatma Gandhi (Oxford and New York: Oxford University Press, 2016). Contemporary Political Theory.

Linehan, M. (2018). Chicago on the Make: Power and Inequality in a Modern City. Choice: ALA.

Linehan, M. (2018). The War on Neighborhoods: Policing, Prison, and Punishment in a Divided City. Choice: ALA.

Linehan, M. (2018). Women's Antiwar Diplomacy during the Vietnam War Women and Social Movements: Women and Social Movements.

Wahlrab, A. (2017). Pax Gandhiana: The Political Philosophy of Mahatma Gandhi. By Anthony J. Parel. New York: Oxford University Press, 2016. 240p. \$74.00. Perspectives on Politics: Cambridge University Press.



# SOCIAL SCIENCES

## Books

Gautier, L. (2018). Puerto Rico: Independence, Industrial Policy and Growth. Lexington.

## Chapters

Klein, J.L. & Cooper, D.T. (2017). Female sex offenders and reintegration. In Lisa Carter and Catherine Marcum (Eds.). *Female Offenders and Reentry: Pathways and Barriers to Returning to Society* (pp. 223-248). New York, NY: Routledge.

## Journal Publications

Bailey, D. J. S. (2017). A life of grief: An exploration of disenfranchised grief in sex offender significant others. *American Journal of Criminal Justice*.

Bailey, D. J. S., & Klein, J. L. (2018). Ashamed and alone: Comparing offender and family member experiences with the sex offender registry. *Criminal Justice Review*.

Cooper, D.T. and Klein, J.L. (2018). College students' online pornography use: Contrasting general and specific structural variables with social learning variables. *American Journal of Criminal Justice*, 43(3), 551-569.

Cooper, D.T. and Klein, J.L. (2018). Examining college students' differential deviance: A partial test of social structure-social learning theory. *Journal of Human Behavior in the Social Environment*, 28(5), 602-622.

Fikru, M. and L. Gautier (2017) "Environmental policy and mergers in oligopoly markets with product differentiation" *Journal of Economics* 122 (1): 45-65.

Gautier, L. (2017) "Local content and emission taxes when the number of foreign firms is endogenous" *Journal of Economics* 122(3): 239-266.

Gautier, L. (2017) "Foreign direct investment under fiscal interdependence when policy is set unilaterally" *International Economics and Economic Policy* 14(4): 579-599.

Gautier, L. (2018). Pollution halos and free-entry. *Economics Bulletin*, 38(1), 129-135.

Guderjan, Thomas H. Dugout. (2017). Canoes and Airplanes, Too. *Building Models and Testing Hypotheses in northwestern Belize*. *Research Reports in Belizean Archaeology*.

Hanratty, Colleen, Love, Bruce, Guenther, Stanley, and Guderjan, Thomas. First Evidence of the Ka'an Dynasty in northern Belize. *Mexicon* 38:6: cover & page 142 (2017).

Head, R. N., & Thompson, M. S. (2017). Discrimination-Related Anger, Religion, and Distress: Differences between African Americans and Caribbean Black Americans. *Society and Mental Health*, 7(3), 159-174.

Klein, J. L., Bailey, D. J. S., & Sample, L. (2017). *Researching the Registered: Challenges and Suggestions for*

*Researchers Studying Sex Offender Populations*. *Criminal Justice Studies*.

Klein, J.L. (2018). Learning about the labeled: Teaching a course on sexual offenders while accounting for students who may be abuse survivors. *Journal of Criminal Justice Education*, 29(1), 79-95.

Klein, J.L. and Cooper, D.T. (2017). Do perceptions of statutory rape vary based on offender and victim pairings? Testing the effects of race and gender. *Applied Psychology in Criminal Justice*, 13(1), 33-50.

Reynolds, P. D., & Helfers, R. C. (2017). Differences in perceptions of organizational fairness based on job characteristics among police officers. *American Journal of Criminal Justice*, 1-18.

Reynolds, P. D., & Helfers, R. C. (2018). Job characteristics and perceived organizational support among police officers. *Criminology, Criminal Justice, Law & Society*, 19(1), 46-59.

## Other

Guderjan, Thomas H., Menzer, Jeremy, Walters, Mark, and Nelson, Bo. A Ground Penetrating Radar Survey of the Fort Sherman Cemetery and Caddo Features at the Frank Benson Site (41TT310), Lake Bob Sandlin State Park. Senior Author with. CSSR Research Report 5 (2017)

Guderjan, Thomas H. and C. Colleen Hanratty (Eds) *Dugout Canoes and Airplanes, Too: The 25th annual report of the Blue Creek Archaeological Project*. Submitted to the Institute of Archaeology, National Institute Belmopan, Belize, (CSSR Research Report 4) Maya Research Program, Tyler, Texas (April, 2017).

Helfers, R. C. (2017). Articulation agreements and undergraduate course transfer issues in criminal justice/criminology. *Annual Meeting of the Southwestern Association of Criminal Justice*.

## Presentations

Bailey, D. J. S., Lytle, R., & ten Bensele, T. (2017, November). The role of religion and religious institutions in sex offender desistance. *American Society of Criminology Annual Conference*. Philadelphia, PA.

Beach, Timothy, Luzzadder-Beach, Sheryl, Valdez, Fred, and Guderjan, Thomas. Ground-truthing the first LiDAR imagery of ancient Maya wetland fields: twenty years of field work and two days of LiDAR. Paper presented at the annual meeting of the American Association of Geographers (April, 2018, New Orleans).

Cooper, D.T. and Klein, J.L. (2017, November). Exploring black young adults' decision-making during a traffic stop. Paper presented at the American Society of Criminology Annual Meeting, Philadelphia, Pennsylvania.

Fitzgerald, B., & Helfers, R. C. (2017, Autumn). Examining the drug arrest ratios between African Americans and Whites in Oklahoma. *Annual Meeting of the Southwestern Association of Criminal Justice*. Fort

Worth: Southwestern Association of Criminal Justice. Gautier, L. (2017, July). A Model of Multi-Firm Mergers and Pollution in an International Context. Conference - Association of Public Economic Theory. Paris, France: Association of Public Economic Theory.

Guderjan, Thomas, Kwoka, Josh, Eshleman, Sara, Ruhl, Thomas and Hanratty, Colleen. Ancient Maya Land Tenure and Solarés in northwestern Belize and elsewhere. Paper presented at the annual meeting of the Society for American Archaeology (April 2018, Washington, D.C.)

Guderjan, Thomas, Eshleman, Sara, Kwoka, Joshua, Ruhl, Thomas. (April, 2018) Ancient Maya Land Tenure and solares in NW Belize and elsewhere: New Perspectives from ground truthing the 2016 LiDAR survey. Paper presented at the annual meeting of the American Association of Geographers, New Orleans.

Guderjan, Thomas H., Luzzadder-Beach, Sheryl, Beach, Tim, Kwoka, Josh, Eshleman, Sara, Ruh, Thomas, Hanratty, Colleen, Doyle, Colin, Krause, Samantha, Bascopé, Grace and Fred Valdez.(2018, June). Lines in the LiDAR. New insights into intensive agricultural systems and household land tenure in northwest Belize. Paper presented at the Belize Archaeological Symposium.

Helfers, R. C., Reynolds, P. D., & Maskaly, J. (2018, February). The role of perceived organizational support between fairness and police behavior: Evidence from a Southern state. *Annual meeting of the Academy of Criminal Justice Sciences*. New Orleans, LA: ACJS.

Klein, J.L. and Cooper, D.T. (2017, November). Predictors of black young adults' responses toward police during a disagreement. Paper presented at the American Society of Criminology Annual Meeting, Philadelphia, Pennsylvania.

Krause, Samantha, Beach, Tim, Luzzadder-Beach, Sheryl, Guderjan, Thomas, and Valdez, Fred. Canals, Sacbeob and Defining Space in Ditched Agricultural Fields in the Three Rivers Region, Northwestern Belize. Paper presented at the annual meeting of the Society for American Archaeology (April 2018, Washington, D.C.)

Krause, Samantha, Beach, Timothy, Luzzadder-Beach, Sheryl, Guderjan, Thomas and Bui, Katherine. Reign the Swamp: Mapping Maya Agricultural Systems in Northwestern Belize. Paper presented at the annual meeting of the American Association of Geographers (April, 2018, New Orleans).

Reynolds, P. D., & Helfers, R. C. (2017, Autumn). Job characteristics and organizational trust among police officers. *Annual Meeting of the Southwestern Association of Criminal Justice*. Fort Worth, TX: Southwestern Association of Criminal Justice.

Sills, E. C. (2017, October). Sharing Space--Football meets the 5,000 year old LSU Campus Mounds. *Annual Meeting of the Southwest Division of the Association of American Geographers*. Huntsville, Texas.

Sills, E. C. (2018, June). Placencia Lagoon Salt Works: Ancient

Maya Residences, Workshops, or Both? 16th Annual Belize Archaeology Symposium. San Ignacio, Belize.

## Proceedings Publications

Feathers, V., McKillop, H., Sills, E. C., & Watson, R. (2017). Excavating the Underwater Shell Deposit at an Ancient Maya Salt Work in Belize: The Eleanor Betty Site. In *Research Reports in Belizean Archaeology* (Vol. 14).

Sills, E. C. (2017). Extent of Brine Enrichment for Salt Production at the Ancient Maya Placencia Lagoon Salt Works, Belize. In *Research Reports in Belizean Archaeology* (Vol. 14, pp. 271-278).

## Grants

Sills, E. Cory. Labor Organization in A Traditional Complex Society, National Science Foundation (August 1, 2018), USD \$74,669.



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

We embrace this trust by:

- 1) preparing the next generation of educators and mental health professionals,
- 2) expanding the knowledge base in our respective disciplines,
- 3) providing service to improve the quality of life within our region and state.

The College of Education and Psychology consists of a community of scholars charged with enriching the knowledge base within our respective fields. This is accomplished through the research and scholarship that our faculty pursue. This past year, the college published three books, 25 chapters, 25 journal articles and presented 16 poster sessions and 59 presentations. In addition, the college in conjunction with the Ingenuity Center generated \$2.9 million in external funding.

A major initiative of the College of Education and Psychology is addressing the pressing issues of our region. Two of the biggest issues impacting East Texas are educational attainment and mental health. The college is addressing these issues through a series of educational centers focused on conducting and/or disseminating research-based practices to concentrate on these challenges.

The K-16 Literacy Center is engaged in a number of research-based projects designed to promote literacy with a special emphasis on early literacy in East Texas. The Ingenuity Center is addressing the issue of science, technology, engineering and mathematics (STEM) by recruiting more STEM majors in education and more professionals in the field.

The Memory Assessment and Research Center (MARC) is working in conjunction with the Alzheimer Alliance to provide free dementia screening and family counseling for East Texans. The East Texas Center for School Based Research and Instruction is designed to provide high quality, research-based professional development activities for teachers and administrators that promote student achievement.

As Plutarch said, "The mind is not a vessel to be filled but a fire to be kindled." Through the research and scholarship being conducted in the college, we are expanding the knowledge base in our respective disciplines and addressing the pressing societal needs of East Texas.

The College of Education and Psychology's unique value proposition is we want to inspire and educate. We want our students, staff and faculty to be "Architects of Human Potential." It is an awesome responsibility and a tremendous public trust.

**DR. ROSS SHERMAN**  
**DEAN OF EDUCATION & PSYCHOLOGY**

## PSYCHOLOGY AND COUNSELING

### Chapters

- Basso, M., Reynolds, B., & Combs, D. (n.d.). Depression and Cognitive Functioning. In National Academy of Neuropsychology Bulletin (pp. 17–22). NAN.
- Kennedy, T.J. & Sundberg, C.W. (2017). International Perspectives and Recommendations on Equity and Gender: Development Studies in Science Education. In B. Akpan (Ed.), *Science Education: A Global Perspective: International Addition* (Chapter 15, pp. 295-311). Switzerland: Springer International Publishing. ISBN 978-3-319-32350-3; ISBN 978-3-319-32351-0 (eBook).
- Lishner, D. A., & Stocks, E. L. (2018). Helping and well-being: A motivational perspective. In J. Maddux's (Ed.), *Subjective Well-Being and Life Satisfaction* (pp. XX-YY). New York, NY: Routledge.
- Lishner, D., Stocks, E., & Steinert, S. (2018). Empathy. In *Encyclopedia of Personality and Individual Differences*. New York, NY: Sage.
- Oceja, L., & Stocks, E. (2017). The path from helping one to helping the group – and beyond. In E. van Leeuwen and H. Zagefka (Eds.), *Intergroup Helping*. Springer. 10.1007/978-3-319-53026-0.
- Witt, K. J., McNichols, C., & McCormick, J. (2018). Counseling in schools: Contributing to student success. In J. A. Vornberg & W. D. Hickey (Eds.), *Texas Public School Organization and Administration* (16th Ed.) (pp. 509–526). Dubuque, IA: Kendall Hunt Publishing.
- Xiong, K., Evans, T. C., & Sass, S. M. (2018). Training attention toward pleasant stimuli in anxiety using attention bias modification and electrophysiology methods in a dot-probe task. *SAGE Research Methods Cases*. In *SAGE Research Methods Cases* (p. in press). SAGE.

### Journal Publications

- Baltrinic, E., Moate, R., & Hinkle, M. (2018). Mentoring Counselor Education Doctoral Students in Teaching. *The Professional Counselor*.
- Combs, D., Basso, M., & Lau, L. (2017). Detecting Coached Neuropsychological Dysfunction: A Simulation Experiment Regarding Mild TBI. *The Clinical Neuropsychologist*, 31, 1412–1431.
- Fulcher, M., & Hayes, A. R. (2018). Building a pink dinosaur: The effects of gendered LEGO sets on boys' and girls' play. *Sex Roles*.
- Hayes, A. R., Bigler, R. S., & Weisgram, E. S. (2018). Of men and money: The emergence of gender differences in occupational values in childhood. *Sex Roles*, 78, 775–788.
- Lopez-Perez, B., Oceja, L., Carrera, P., Stocks, E., & Benito, T. (2017). Sympathy and Tenderness as components of

- dispositional empathic concern: Predicting helping and caring behaviours. *Current Psychology*.
- McKinney, R., West, E. M., Fye, M., Bradley, R., & Storlie, C. (2018). Chi Sigma Iota Chapter Faculty Advisors' Experiences of Professional Counseling Identity. *Journal of Counselor Leadership and Advocacy*.
- McNichols, C., & Witt, K. J. (2018). The use of poetry in counselor training and supervision. *The Journal of Poetry Therapy: The Interdisciplinary Journal of Practice, Theory, Research, and Education*, 31(3), 145–164.
- Moate, R., Cox, J., Brown, S., & West, E. M. (2017). Helpfulness of teachers in didactic courses. *Counselor Education and Supervision*, 56, 242–258.
- Moate, R., Cox, J., Brown, S., & West, E. (2017). Perceptions of Helpfulness of Teachers in Didactic Courses. *Counselor Education and Supervision*.
- Moate, R., Holm, J. M., & West, E. (2017). Perceptions of Helpfulness of Teachers in Experiential Courses. *The Professional Counselor*, 7(2), 155–168.
- Oceja, L., Stocks, E., Lopez-Perez, B., & Carrera, P. (2017). Local versus global perceptual scope, empathic concern, and helping preferences in multiple-victim situations. *Spanish Journal of Psychology*, 20, 471-482.
- Popov, T., Westner, B. U., Sifton, R. L., Sass, S. M., Spielberg, J. M., Rockstroh, B., Miller, G. A. (2018). Time course of brain network reconfiguration supporting inhibitory control. *Journal of Neuroscience*.
- Tiegreen, J., & Combs, D. (2017). An Examination of Sub-Clinical Paranoia in a Correctional Setting. *Journal of Experimental Psychopathology*, 8(3), 320–331.
- West, E. M., Cox, J., Guillot Miller, L., & Moate, R. (2017). Parents' Perceptions of Their Young Children's Social Interest Experiences. *Journal of Individual Psychology*.
- Witt, K. J., McCormick, J., Gale, K. O., & Tollett, E. P. (2017). Impact of group supervision modality on school counselor evaluations: Online versus face-to-face. *Delta Journal of Education*, 7(2), 31–53.

### Other

- Calclasure, B., Odell, M. R. L., & Stocks, E. L. (2017). *New Tech Network Evaluation Report: 9th, 10th, and 11th Grade Data (2015-16), Expanded Evaluation Sample*. Furman University.

### Poster Presentations

- Boshers, E., & Stocks, E. (2018). Perverse emotional norms. Poster presented at the East Texas Psi Chi Student Research Conference. Tyler, TX.
- Carver, K., Alsaif, H., Hayes, J., Villaneuva, M., & Sass, S. M. (2018, April). Life satisfaction and anxiety: Relationships to hope, gratitude, and health issues. Annual East Texas Psi Chi conference. Tyler, TX: Psi Chi and UT Tyler Psychology Department.
- Caulkins, E., & Stocks, E. (2018). Stop the bleed UT-Tyler: Campus-wide public access bleeding control units.

Poster presented at the East Texas Psi Chi Student Research Conference. Tyler, TX.

Moate, R., & West, E. M. (2017, October). Helpfulness of counselor educators in didactic courses. Association for Counselor Education and Supervision (ACES) National Conference. Chicago.

Reece, K., & Stocks, E. (2017). The KREF Task. Poster presented at East Texas Psi Chi Student Research Conference. Tyler, TX.

Sass, S. M., Xiong, K., Evans, T. C., & Kennedy, B. (2017, October). Attention training modulates P200 amplitude evidence of attentional bias in chronic worriers. Annual meeting of Society for Psychophysiological Research. Vienna, Austria: SPR.

Smith, C., & Stocks, E. (2017). The effectiveness of inpatient rehabilitation among trauma victims. Poster presented at East Texas Psi Chi Student Research Conference. Tyler, TX.

Witt, K. J., & McNichols, C. (2017, October). Rural counselor supervisors: Practical wisdom from experienced practitioners. The Ninth Annual Rural Behavioral Health Practice Conference. Minneapolis, MN.

## Presentations

Attenbery, J. & Stocks, E. (2018). Triggers, reactions, onset, and coping mechanisms for Misophonia. Paper presented at East Texas Psi Chi Student Research Conference. Tyler, TX.

Barrett, A., & Stocks, E. (2018). The causes and consequences of having, keeping, and spilling secrets. Paper presented at the East Texas Psi Chi Student Research Conference. Tyler, TX.

Blackhurst, D., & Stocks, E. (2018). Academic achievement vs. creativity among college students. Paper presented at the East Texas Psi Chi Student Research Conference. Tyler, TX.

Buhler, J., Baranski, E., Gardiner, G., Allemand, M., Gastardo-Conaco, M., Penke, L., Quinones, D., Stocks, E., Zeigler, M., & Funder, D. (2018). Classifying personally meaningful situations along eight dimensions in four cultures. Paper presented at Society for Personality and Social Psychology Annual Conference. Atlanta, GA.

Castano, D., & Stocks, E. (2018). An active life and a sane mind: The relationship between engagement in meaningful activities and symptoms of depression. Paper presented at East Texas Psi Chi Student Research Conference. Tyler, TX.

Champagne, T., & Stocks, E. (2017). Stereotypes, Names, and Gender. Paper presented at East Texas Psi Chi Student Research Conference. Tyler, TX.

Culclasure, B., Stocks, E., & Odell, M. (2018). The Efficacy of the New Tech Design in Four Southeastern High Schools. American Educational Research Association Annual Conference. New York, NY.

Doolin, J., & Stocks, E. (2017). Effects of perspective taking on judgment. Paper presented at East Texas Psi Chi

Student Research Conference. Tyler, TX.

Ellins, K., Thomas, D., Campos, D., George, S., Goldfarb, E., Kotowski, A., McCall, M., Soltis, N., Stocks, E., & Wright, V. (2018). Using the STAR Legacy Cycle to promote student-centered field learning in GeoFORCE and STEMFORCE 12th grade summer academies. Paper presented at Geological Society of America Annual Meeting. Indianapolis, IN.

Ellins, K., & Stocks, E. (2017). CREATING EARTH SCIENCE TEACHER LEADERS WITHIN AND BEYOND THE CLASSROOM: EXAMPLES FROM TEXAS. Paper presented at Geologic Society of America Annual Conference. Seattle, WA.

Hall, R., & Stocks, E. (2018). Impact of shame on motivation. Paper presented at the East Texas Psi Chi Student Research Conference. Tyler, TX.

Hayes, A. R., Hixson, K. J., & Masters, S. L. (2018, July). Gender Differences in Perceptions of Work Ethic and Ability in College STEM Classes. Gender and STEM Network Conference. Eugene, Oregon.

Jofre Zarate, D., & Stocks, E. (2018). Interpersonal Vigilance Theory and value structure changes. Paper presented at East Texas Psi Chi Student Research Conference. Tyler, TX.

Lamb, J. H., & Hayes, A. R. (2017, September). Relationships between perceptions of gender-roles, mathematics anxiety, and an end-of-course oral exam. Association of Mathematics Teacher Educators in Texas Fall Conference. Fort Worth, TX.

Lenoir, K., & Stocks, E. (2018). Attractiveness, norm violations, and the halo effect. Paper presented at the East Texas Psi Chi Student Research Conference. Tyler, TX.

McKinney, R., West, E. M., & Storlie, C. (2017, October). The professional counselor identity of Chi Sigma Iota chapter faculty advisors. Association of Counselor Education and Supervision (ACES) National Conference. Chicago.

McNichols, C., & Witt, K. J. (2018, spring). Rural counseling practice: Exploring strengths, needs, and adaptive approaches. Keynote Presentation Texas Counseling Association Piney Woods Division. Kilgore, Texas: Texas Counseling Association Piney Woods Division.

McNichols, C., Witt, K. J., & Wilson, A. (2017, November). Making the best decision possible: The complexities of ethical clinical supervision. Texas Counseling Association Professional Growth Conference. Galveston, TX.

Mindthoff, A., Evans, J. R., Perez, G., Woestehoff, S. A., Olaguez, A. P., Klemfuss, J. Z., Normile, C. J., Scherr, K. C., Carlucci, M. E., Carol, R. N., Meissner, C. A., Michael, S. W., Russano, M. B., Stocks, E. L., Vallano, J. P., & Woody, W. D. (2018). Examining Jurors' Perceptions of Interrogations and Confessions: Are Jurors Finally Starting To Believe that False Confessions Exist? Paper presented at American Psychology-Law Society Annual Conference. Memphis, TN.

Salas, F., & Stocks, E. (2018). Delay of gratification and

decision making across domains. Paper presented at the East Texas Psi Chi Student Research Conference. Tyler, TX.

Thomas, D., Campos, D., George, S., Goldfarb, E., Kotowski, A., McCall, L., Soltis, N., Stocks, E., & Wright, V. (2018). Using the star legacy cycle to promote student-centered field learning in Geoforce and Stemforce 12th grade summer academies. Paper presented at Geological Society of America Annual Conference. Indianapolis, IN.

Van Dusen, A., & Stocks, E. (2018). Emotions: Good, bad, or okay? Paper presented at East Texas Psi Chi Student Research Conference. Tyler, TX.

Warren, B., & Stocks, E. (2018). Emotions and the scope of attention. Paper presented at the East Texas Psi Chi Student Research Conference. Tyler, TX.

## Proceedings Publications

Odell, M. R. L., Kennedy, T. J., Stocks, E. L., & Culclasure, B. (2018). "The Efficacy of the STEM New Tech Design Promoting 21st Century Learning in Four Southeastern High Schools in the United States." In 10th Annual International Conference on Education and New Learning Technologies, EDULEARN 2018. Palma de Mallorca, Spain: EDULEARN.



# SCHOOL OF EDUCATION

## Books

- James, V., & Hickey, W. (2018). *Texas Public School Organization and Administration: 2018* (pp. 1–364). Dubuque, IA: Kendall Hunt.
- Linn, G. B., Vaughn, V. L., & Bingham, B. (2017). *Principles for aspiring principals*. National Council of Professors of Educational Administration.

## Case Studies

- Jones, J. S. A Case Study Brief: The Effects of Association, Repetition through Variation, and Spacing on Vocabulary Acquisition, Syfr Learning, LLC 2 (2017).

## Chapters

- Jones, J. S., Sampson, P. M., & Hickey, W. (2018). The superintendency: Leading change. In *Texas public school organization and administration* (16th Ed.). Dubuque, IA: Kendall Hunt.
- Miller, G. J. (2018). *Making Educators' Voices Heard: Strategies to Affect Change in Educational Policy Making*. In *Texas Public School Organization and Administration 16th Edition*. Kendall Hunt Publishing Company.
- Mokhtari, K., & Consalvo, A. (2017). Mapping a way to design, implement and evaluate literacy instruction in school settings: a flexible action-oriented data analytic framework. In *Literacy program evaluation and development initiatives for P-12 teaching*. Hershey, PA: IGI-Global Publishers.
- Oliveras-Ortiz, Y. (2018). Texas assessments and school accountability. In *Texas Public School Organization and Administration*.
- Sherman, R., & Jones, T. B. (2018). *Curriculum and Instruction*. In *Texas Public School Organization and Administration: 2018* (pp. 171–183). Kendall Hunt Publishing.
- Vaughn, V. L., & Bouillon, D. (2018). *The Superintendent and School Facilities*. In *Texas Public School Organization and Administration*. Kendall Hunt.

## Journal Publications

- Bogard, T., Consalvo, A., & Worthy, J. (2018). Teaching for deep learning in a second-grade literacy classroom. *Journal of Language and Literacy Education*.
- David, A. D., & Consalvo, A. (2018). Making it stick: Tiny paper, big understandings. *Oregon English Journal*.
- Delello, J. A., & Mokhtari, K. (2018). Blurring the Boundaries: The Impact of Social Media in the Higher Education Classroom. *International Journal of Interactive*

- Communication Systems and Technologies*, 7(1), 7–14.
- Delello, J. A., McWhorter, R. R. & Marmion, S. (2018). Understanding the productivity of faculty members in higher education. *International Journal of Management in Education*, 12(2), 154-178. DOI: 10.1504/IJME.2018.10009661.
- Delello, J. A., McWhorter, R. R. & Goette, W. (2018). College students discover mobile augmented reality with the game Pokémon Go. *International Journal of Gaming and Computer-Mediated Simulations* 10(3), 1–19.
- Doepker, G. M., McGrail, E., & Rieger, A. (2018). Using Comic Books to Improve Three Elementary Students' Reading and Writing Skills: A Multi-Case Study Analysis. *READ: Online Journal for Literacy Educators*.
- Dykes, F., & Delport, J. (2017). The Lived Experiences of LGBT Teachers and Its Impact on Teacher Preparation Programs. *Teaching and Teacher Education*.
- Han, C., Farruggia, S., & P., M., Thomas. (2017). Effects of Academic Mindsets on College Students' Achievement and Retention. *Journal of College Student Development*, 58(8), 1119–1134.
- Han, C. (2017). Micro VS Macro Goal Framework in College. *American Journal of Educational Research*, 5(12), 1191–1194.
- Hickey, W., Peggy, G., & Becky, F. (2008). Separation of church and state: Fact or fiction. *eJournal of Education Policy*, 1–4.
- Lamb, J. H. (2017). Teaching “old math” using new technology: Selecting, implementing, and maximizing for learning. *Texas Mathematics Teacher*, 63(2), 19–21.
- Lamb, J. H. (2018). What can elementary teachers do with technology? There's an App for that. *Texas Mathematics Teacher*, 64(1), 18–20.
- McGrail, E., Rieger, A., Doepker, G. M., & McGeorge, S. (2018). Pre-Service Teachers' Perspectives on How the Use of TOON Comic Books during the Guided Reading Influenced Learning by Struggling Readers. *SANE Journal: Sequential Art Narrative in Education*.
- Miller, G. J., & Hickey, W. (2018). The tenure process: A descriptive study of selected Texas universities. *School Leadership Review*, 13(1), 7–21.
- Mokhtari, K., & Consalvo, A. (2017). Mapping a way to design, implement and evaluate literacy instruction in school settings: a flexible action-oriented data analytic framework. In S. A. Lawrence, (Ed.). *Literacy program evaluation and development initiatives for p-12 teaching*. Hershey, Pennsylvania: IGI-Global Publishers.
- Mokhtari, K., Dimitrov, D., & Reichard, C. (2018). Revising the Metacognitive Awareness of Reading Strategies Inventory and Testing for Factorial Invariance. *Studies in Language Learning & Teaching*, 8(2), 219-246.
- Mokhtari, K. (2018). Prior Knowledge Fuels the Deployment of Reading Comprehension Strategies. *The TESOL Encyclopedia of English Language Teaching: The definitive reference in the field of English language teaching* (pp. 1–10).

- Mokhtari, K. (2018). The value and potential of coaching for improving teaching and learning. In A. Chekayri (Ed.). *Teaching of reading in Arabic: New approaches*. Ifrane, Morocco: Al Akhawayne University Press.
- O'Connor, J., & Vaughn, V. L. (2018). Examining superintendent turnover intent: A quantitative analysis of the relationship between job satisfaction and turnover interest of public school superintendents in Texas. *TCPEA Midwinter Yearbook 2018, spring 2018, Vol. 3, Issue 1. TCPEA Midwinter Proceedings*, 3(3), 10–21.
- Odell, M. R. L. (2017). The University of Texas at Tyler Teacher Residency Program. *100Kin10 Working Papers*.
- Rieger, A., McGrail, E., & Doepker, G. M. (2017). Pre-Service Teachers' Perceptions about the Effectiveness of the TOON Comic Books in Their Guided Reading Instruction. *Georgia Educational Researcher*, 14(1), 1–39.
- Rueter, J., McWhorter, R. R., & Delello, J. A. (2018). Decision-making practices of assessment personnel: The choices we make. *Assessment for Effective Intervention*. <https://doi.org/10.1177/1534508418758370>.
- Shaffer-Willner, L., & Mokhtari, K. (2017). Improving Meaningful Use of Accommodations by Multilingual Learners. *The Reading Teacher*, 71 (4), 431-439.
- Stevens, R. (2018). Against our Better Angels: 1968, A Personal Story. *The Social Studies Texan*.
- Zolkoski, S. M., Sayman, D. M., & Lewis-Chiu, C. G. (2018). Considerations in promoting parent and family involvement. *Diversity, Social Justice & the Educational Leader*.

## Other

- Calclasure, B., Odell, M. R. L., & Stocks, E. L. (2017). *New Tech Network Evaluation Report: 9th, 10th, and 11th Grade Data (2015-16), Expanded Evaluation Sample*. Furman University.
- Oliveras-Ortiz, Y., Bouillion, D., & Asbury, L. (2017). The impact of learning environments on student engagement. *Research Paper Written for and Published by VLK Architects*.

## Poster Presentations

- Dykes, F. O., & Christensen, J. E. (2017, November). The Lived Experiences of LGBTQ Educators and Its Impact on Teacher Preparation. *Teacher Education Division*. Savannah, Georgia.
- Rueter, J. A., Dykes, F. O., & Masters, S. (2017, November). Moving Beyond the Brick and Mortar Classroom: Student's Perceptions of Online Learning. *Teacher Education Division*. Savannah, Georgia.
- Tye, C., & Neel Dr., J. L. (2018, September). Tutorial Partnership: Glass Recreation Center & The University of Texas at Tyler Cara Tye, Phase III Pre-Service Educator; Council for Educational Diagnostic Services (CEDS) National Conference. New Orleans, Louisiana: Council

for Educational Diagnostic Services (CEDS) & Louisiana Educational Diagnosticians' Association.

## Presentations

- Bailie, C., Gurolla, L., & Lamb, J. H. (2017, October). Math matters: A regional commitment to identify and eliminate disparities. 2017 Cradle to Career Network Convening for Strive Together. Phoenix: AZ.
- Christensen, J. E., Larson, K., & Dykes, F. (2018, February). Using a Reflective Framework to Include Students with Disabilities Who Also Identify as LGBTQ. *Council for Exceptional Children International Conference*. Tampa, Florida.
- Dahbi, M., Mokhtari, K., & Swift, M. (2018). Quality education in the Middle East and North Africa: What avenues for early grade reading instruction and Assessment? Panel Paper Discussion presented at the Comparative and International Education Society (CIES) (March 25-29, Mexico City, Mexico).
- Delello, J. A., & Jungmann, S. (2018). Research: Bringing STEAM carnivals to diverse school settings. *International Society for Technology in Education 2018 Conference*. Chicago, IL. June 24- June 27, 2018.
- Jones, J. S. (2017, November). Aspiring administrator roundtable discussion. *East Texas Council of Women School Executives Region 7 Area Conference*. The University of Texas at Tyler: Texas Council of Women School Executives Region.
- Doepker, G. M., & Consalvo, A. (2017, December). “But no one ever read to me”: Preservice teachers' developing knowledge of children's literature. *Literacy Research Association*. Tampa, FL.
- Doepker, G. M. (2018, August). Using TOON comic books to increase elementary students' fluency skills: A multi-case study with six preservice teachers. *2nd Bi-Annual Marantz Picturebook Research Symposium: Comics and the Graphic Narrative: The Future of the Movement*. Kent State University, Kent, Ohio: Kent State University School of Information Reinberger Children's Library Center.
- Han, C. (2018, April). Effects of high school students' noncognitive factors on their performance and success in college. *American Educational Research Association*. New York.
- Han, C., Farruggia, S. P., & Solomon, B. J. (2018, May). Latent profiling college students' learning strategies use and effects on academic performance and retention. *Association for Psychological Science*. San Francisco.
- Jones, J. S. (2017, November). Let your magnificence shine. *East Texas Council of Women School Executives Region 7 Area Conference*. The University of Texas at Tyler: Texas Council of Women School Executives.
- Jones, J. S. (2018, Spring). Career Panel Chair: Higher Education and Education Service Center Panel. *Texas Council of Women School Executives 34th Annual*

Conference. Austin, TX: Texas Council of Women School Executives at the Texas Association of School Administrators Mid-Winter Conference.

Jones, J. S. (2018, Spring). Teacher effectiveness: A case study on the impact of collaboration, instructional spread, and school improvement. Texas Council of Professors of Educational Administration Conference within a Conference Texas Association of School Administrators Midwinter 2018 Research Proceedings. Austin, Texas: Texas Council of Professors of Educational Administration.

Jones, J. S. (2018, Spring). The words we speak: The language of successful women. Texas Council of Women School Executives 34th Annual Conference. Austin, Texas.

Kennedy, T. J. (2017, November). "Building an online Engineering Education Course in Argentina: The University of Texas and the National University of Comahue (UNCo)." 40th Annual Fulbright Association Conference. Washington, D.C.: Fulbright Association.

Kennedy, T. J. (2017, November). "The University of Texas at Tyler Intensive English Language Institute and International Fest: Internationalizing the Campus Community." Council on International Educational Exchange (CIEE) Annual Conference, Born Digital: Embracing Technology to Enhance International Education. Austin, Texas: Council on International Educational Exchange (CIEE).

Kennedy, T. J. (2017, December). "Study Texas: Connecting international students and professionals with a quality education in Texas!" ICEF North America Workshop. Miami, Florida: ICEF.

Kennedy, T. J., Lovelock, V., & Machon-Honore, M. c. (2017, December). "Changing Minds, Not the Climate: NGO Climate Change Activities." VIII International Forum of NGOs in Official Partnership with UNESCO. Paris, France: United Nations Educational, Scientific and Cultural Organization.

Kennedy, T. J. (2018, January). The UNESCO Forum on Science. Annual Meeting of NGOs in Official Partnership with UNESCO. Paris, France: United Nations Educational, Scientific and Cultural Organization.

Lamb, J. H. (2017, June). Clinical interviews and embedded lessons for middle school teachers. Cognitively Guided Instruction National Conference. Seattle, WA.

Lamb, J. H., & Hayes, A. R. (2017, September). Relationships between perceptions of gender-roles, mathematics anxiety, and an end-of-course oral exam. Association of Mathematics Teacher Educators in Texas Fall Conference. Fort Worth, TX.

Lamb, J. H., & Plowman, D. (2018, June). Middle mathematics matters in rural east Texas. Texas Rural Education Association Conference. Fort Worth, TX.

Lamb, J. H., & Plowman, D. (2018, July). Practice: Proportional reasoning and embedded P.D. Conference for the Advancement of Mathematics Teaching. Houston, TX.

Lamb, J. H., Watson, T., & Plowman, D. (2018, July). Real math,

real teachers, real classrooms. Conference for the Advancement of Mathematics Teaching. Houston, TX.

Miller, G. (2017). Making Teachers' Voices Heard: Proven Strategies for Advocating at All Levels. Kappa Delta Pi. Pittsburg, PA.

Miller, G. (2017). Emerging Technologies for the 21st Century Classroom. Kappa Delta Pi 2017 Convocation. Pittsburg, PA.

Miller, G. (2018). Education Advocacy for New Teachers. Webinar for the KDP Global Forum.

Nantz, C., Odell, M. R. L., & Cable, J. (2017, July). Empowering Students while Strengthening Communities. New Tech Annual Conference. St. Louis, MO: New Tech Network.

O'Connor, J., & Vaughn, V. L. (2018, Spring). Examining superintendent turnover intent: A quantitative analysis of the relationship between job satisfaction and turnover interest of public school superintendents in Texas. TCPEA Midwinter Yearbook 2018, Spring 2018, Vol. 3, Issue 1. TCPEA and TASA MidWinter Conference within a Conference. Austin, Texas: Texas Association of School Administrators.

Odell, M. R. L., & Pedersen, J. L. (2017, Autumn). University of Texas at Tyler Innovation Academy: A Teacher Preparation Laboratory and Model T-STEM Academy. Texas Prospect Initiative Summit. Rockwall, TX.

Odell, M. R. L., & Kennedy, T. J. (2018, January). "School Turn-around: The University of Texas at Tyler Instructional Coach Model." Hawaii International Conference on Education: 16th Annual Conference. Honolulu, Hawaii.: Hawaii International Conference on Education.

Odell, M. R. L., & Kennedy, T. J. (2018, January). "Texas Teacher Residency Programs: University of Texas at Tyler Model." Hawaii International Conference on Education: 16th Annual Conference. Honolulu, Hawaii: Hawaii International Conference on Education.

Oliveras-Ortiz, Y., Bouillion, D., & Asbury, L. (2017, Autumn). The Impact of Learning Environments on Student Engagement. TASA/TASB Convention. Dallas, TX: TASA/TASB.

Oliveras-Ortiz, Y., & Mette, I. (2017, Autumn). (Re)Defining Supervision in the Age of Accountability and Reform. 5th Annual UCEA Film Festival. Denver, CO: University Council for Educational Administration.

Oliveras-Ortiz, Y., Bouillion, D., & Asbury, L. (2018, March). Impact of school design on student engagement. SXSW EDU. Austin, TX.

Oliveras-Ortiz, Y., Bouillion, D., & Asbury, L. (2018, Spring). Learning Environments and Student Engagement. TASA Mid-Winter Conference. Austin, TX: TASA.

Oliveras-Ortiz, Y. (2017, September). Leveraging Depth of Knowledge to Promote Teacher Growth. Advancing Improvement in Education 2017 Conference. San Antonio, TX.

Oliveras-Ortiz, Y. (2017, October). Teaching principals in rural Belize: What can we learn from their practices as instructional supervisors? Council of Professors of Instructional of Instructional Supervision Annual

Conference. Austin, TX: Council of Professors of Instructional of Instructional Supervision.

Oliveras-Ortiz, Y. (2018, April). Teacher Evaluations for Instructional Supervision: Lessons Learned from a Practicing Principal. 2018 American Educational Research Association Annual Meeting. New York, NY: American Educational Research Association Supervision & Instructional Leadership SIG.

Oliveras-Ortiz, Y., Bouillion, D. E., & Asbury, L. (2018, April). The impact of learning environments on student engagement. 2018 American Educational Research Association Annual Meeting. New York, NY: American Educational Research Association Learning Environments SIG.

Oliveras-Ortiz, Y., Bouillion, D. E., & Asbury, L. (2018, November). Student Engagement in New Learning Spaces: Students, Teachers and Principals Perceptions. University Council for Educational Administration 32nd Annual Convention. Houston, TX: University Council for Educational Administration.

Simmons, J., Rutledge, B., & Odell, M. R. L. (2018, January). University Charter Schools: The University of Texas Innovation Academy Model. Hawaii International Conference on Education: 16th Annual Conference. Honolulu, Hawaii: Hawaii International Conference on Education.

Zolkoski, S. M., & Lewis-Chiu, C. G. (2018, February). Tips for Teachers: Implementing Mindfulness in the Classroom to Improve Challenging Behaviors. Council for Exceptional Children.

## Proceedings Publications

Jones, J. S. (2018). Teacher Effectiveness: A Case Study on the Impact of Collaboration, Instructional Spread, and School Improvement. In Texas Council of Professors of Educational Administration Conference within a Conference Texas Association of School Administrators Midwinter 2018 Research Proceedings.

Odell, M. R. L., Kennedy, T. J., Stocks, E. L., & Culclasure, B. (2018). "The Efficacy of the STEM New Tech Design Promoting 21st Century Learning in Four Southeastern High Schools in the United States." In 10th Annual International Conference on Education and New Learning Technologies, EDULEARN 2018. Palma de Mallorca, Spain: EDULEARN.

## Grants

Anthony, David. Summer Literacy Academies, TLL Temple Foundation (August 10, 2018), USD \$22,500.

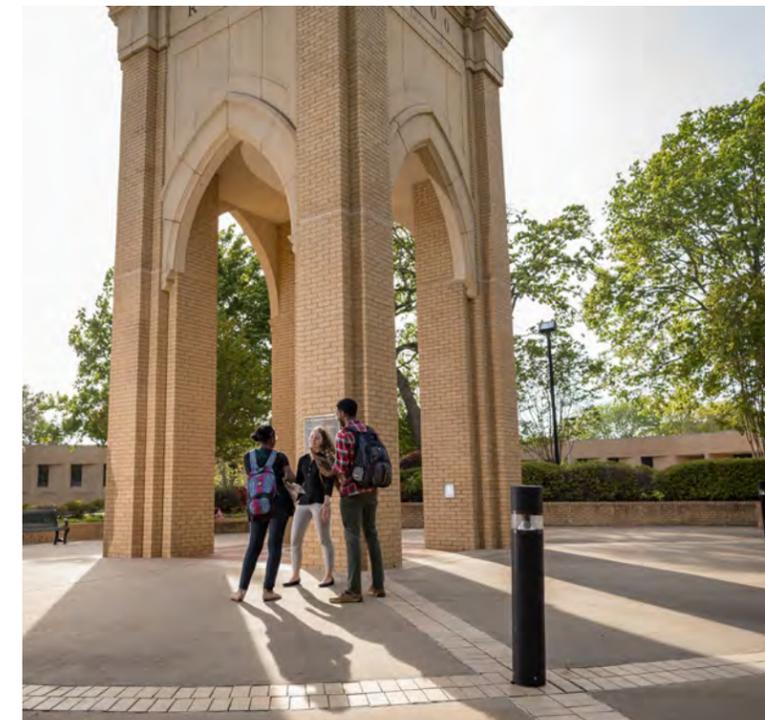
Lamb, John. Middle Math Matters 2018, Greater TX Foundation (June 1, 2018), USD \$865,963.

Odell, Michael. Scaling & Dissemination of Promising T-STEM Practices, Communities Foundation of TX (March 1, 2018), USD \$15,000.

Sherman, Cindy. 2017-2018 Texas Mathematics and Science

Partnership Professional Development Network: Computer Science, Texas Education Agency through UT Austin (November 27, 2017), USD \$75,000.

Sherman, Cindy. 2017-2018 Texas Mathematics and Science Partnership Professional Development Network: Mathematics, Texas Education Agency through UT Austin (November 27, 2017), USD \$121,000.



The professions of engineering and construction management are transformative endeavors that leverage creativity, critical thinking, technical skills, math and science, leadership, and ethical practices to innovate solutions for complex problems. As a multi-site College of Engineering with campuses in Tyler and Houston, we provide unique opportunities that leverage relations with industries in East Texas, the Greater Houston area and the neighboring Dallas-Fort Worth metroplex. Our faculty is composed of highly engaged individuals dedicated to student success, research excellence and the advancement of their discipline.

Under the auspices of a growth mindset, the College of Engineering has identified three technical foci to focus efforts toward as we move forward. In the area of biotechnology and biomedical engineering, we have several faculty making discoveries, including Dr. Shih-Feng Chou, who is working in the area of tissue engineering and wound healing; Dr. Premananda Indic, who is focused on wearable sensors and analysis and processing of biomedical signals; and Prabha Sundaravadivel, whose research focus areas include smart healthcare.

More than a half dozen of our faculty are contributing in the area of infrastructure engineering, including Mena Souliman, who is studying advanced asphaltic pavement designs; Michael Gangone, who is active in the area of bridge monitoring and sensing; Nelson Fumo, who is working with industry partners in advanced residential heating and air conditioning systems; and Mukul Shirvaikar, whose work is related to power transmission.

Finally, the area of innovation in engineering education impacts the entire college. COE hosted the American Society of Engineering Education Gulf Southwest Conference in March 2019, where our faculty contributed to more than 20 papers across areas including developing ethics, leadership and character in engineering students, increasing the engagement of engineering students, and conducting technical research with graduate students. This year, our faculty have continued to increase their productivity in the area of research and scholarship. A few examples are provided below.

Dr. Fredericka Brown earned an award from the National Science Foundation (NSF) entitled “Research Initiation: Understanding the Impact of Engineering Faculty’s Mindset on Instructional Practice, Learning Environment and Teacher Authenticity.” Dr. Brown’s primary technical research interest is numerical modeling and simulation of thermal/fluid transport phenomena in physiological and engineered systems. She has applied her expertise in numerical modeling and simulation to analyze the efficiency of parabolic solar trough collectors used for domestic heating applications, thermal comfort and energy demands, and thermal transport phenomena in skin, and has been productive in engineering education and increasing the number of students in the pipeline through P-16 initiatives.

Dr. Tahsin Khajah in mechanical engineering contributed to seven journal articles and 19 conference papers in the last year. Along with co-authors, he published a paper in the *Journal of Computer Methods in Applied Mechanics and Engineering* (CNAME) entitled “Highly accurate acoustic scattering: Isogeometric Analysis coupled with local high order Farfield Expansion ABC.” The paper is an exploration of intricacies in wave propagation, a field that Dr. Khajah has been making contributions in for nearly two decades.

Dr. Shih-Feng Chou received the American Heart Association Institutional Research Enhancement Award in 2018, and his most current publication in 2019 described the use of electrospun drug-eluting fibers in stem cell therapy for skin tissue regeneration. Dr. Chou is an assistant professor in the Department of Mechanical Engineering with backgrounds in materials science, biomaterials, drug release and tissue engineering.

**DR. JAVIER KYPURO**  
**DEAN OF ENGINEERING**

## CIVIL ENGINEERING

### Journal Publications

- Gangone, M., Whelan, M., & Janoyan, K. (2017). Effect of Sensor System Noise and Load Positioning on the Precision of Load Testing and Rating of Highway Bridges: A Case Study. *Journal of Structural Integrity and Maintenance*, 2(4), 234–248.
- Hariharan, N., Cobanoglu, M., Sahin, H., Menendez, J., & Saygili, G. (2017). Multivariate Regression Model to Predict Failure of Pipelines. *International Journal of Engineering and Technology*, 9(5), 398.
- Hu, X., Faruk, A., Zhang, J., Souliman, M., & Walubita, L. (2017). Effects of tire inclination (turning traffic) and dynamic loading on the pavement stress-strain responses using 3-D finite element modeling. *International Journal of Pavement Research and Technology*, 10(4), 304–314.
- Isied, M., & Souliman, M. (2018). Integrated Predictive Artificial Neural Network Fatigue Endurance Limit Model for Asphalt Concrete Pavements. *Canadian Journal of Civil Engineering*, <http://www.nrcresearchpress.com/doi/10.1139/cjce-2018-0051#.W3yly15Ki70>.
- Loganathan, K., & Souliman, M. (2017). Prediction of Average Annual Surface Temperature for both Flexible and Rigid Pavements. *Journal of Materials and Engineering Structures*, 4, 259–267.
- Mamlouk, M., & Souliman, M. (2017). Simple Approach for Designing Sustainable Pavement with Self-Healing Fatigue Cracking. *ASCE Journal of Transportation Engineering, Part B: Pavements*, 143(2).
- Pourbaba, Asefi, Sadaghian, & Mirmiran. (2018). Effect of age on the compressive strength of ultra-high-performance fiber-reinforced concrete. *Construction and Building Materials*, 175, 402-410.
- Saygili, G. (2017). Probabilistic assessment of soil liquefaction considering spatial variability of CPT measurements. *Georisk: Assessment and Management of Risk for Engineered Systems and Geohazards*, 11(2), 197–207.
- Saygili, G., Rathje, E., & Wang, Y. (2018). Probabilistic Seismic Hazard Analysis for the Sliding Displacement of Flexible Sliding Masses. *DesignSafe-CI*.
- Sayyafi, E. A., Chowdhury, A. G., & Mirmiran, A. (2018). Innovative Hurricane-Resistant UHPC Roof System. *Journal of Architectural Engineering*, 24(1).
- Shi, F., Saygili, G., & Ozbulut, O. (2018). Probabilistic seismic performance evaluation of SMA-braced steel frames considering SMA brace failure. *Bulletin of Earthquake Engineering*, 1–26.
- Walubita, L., Nyamuhokya, T., Romanoschi, S., Hu, X., & Souliman, M. (2017). A Mechanistic-Empirical Impact Analysis of Different Truck Configurations on a Jointed Plain Concrete Pavement (JPCP). *Stavební Obzor - Civil Engineering Journal*, 4-2017, 507–529.
- Xia, Chan, Mackie, Saleem, & Mirmiran. (2018). Sectional

analysis for design of ultra-high performance fiber reinforced concrete beams with passive reinforcement. *Engineering Structures*, 160, 121-132.

- Yang, X., Arockiasamy, M., Mirmiran, A., & Potter, W. (2017). High Creep Stress Test of Carbon Fiber-Composite Cable with Generic Field-Made Anchorage. *Journal of Composites for Construction*, 21(5), 1-5.
- Zhang, J., Simate, G., Hu, X., Souliman, M., & Walubita, L. (2017). Impact of recycled asphalt materials on asphalt binder properties and rutting and cracking performance of plant-produced mixtures. *Construction and Building Materials*, 155, 654–663.

### Other

- Mirmiran, A., Chowdhury, A.G., and Suksawang, N. (2018). Wind Resistant Concrete Roof Component and System and Method for Forming Same II, U.S. Patent 10,138,632 B2.
- Souliman, M., Romanoschi, S., Dessouky, S., Loganathan, K., & Isied, M. (2018). Simplified Approach for Structural Evaluation of Flexible Pavements at the Network Level, 20.

### Presentations

- Gangone, M., & Whelan, M. (2018). The Impact of Measurement Uncertainty from Experimental Load Distribution Factors on Bridge Load Rating. In *SPIE Smart Structures*. Denver, CO.
- Gc, H., & Souliman, M. (2018). Mechanistic Assessment of Fatigue Performance and Cost Analysis of Pavement Overlays. In *2018 ASEE Gulf-Southwest Section Annual Meeting*. Austin, TX: American Society of Engineering Education.
- Isied, M., Sharma, P., & Souliman, M. (2018). Temperature Prediction Model at Different Depths for Asphalt Pavements Based on Measured Surface and Air Temperatures. In *Third Annual LSUS Regional Student Scholars Forum*. Shreveport, LA: Louisiana State University Shreveport.
- Loganathan, K., Souliman, M., Chamoun, Z., & Isied, M. (2018). Design and Cost Effectiveness of Perpetual Pavements. In *Advances in Materials and Pavement Performance Prediction*. Doha, Qatar.
- Loganathan, K., & Souliman, M. (2018). Prediction of Average Annual Surface Temperature for both Flexible and Rigid Pavements. In *2018 ASEE Gulf-Southwest Section Annual Meeting*. Austin, TX: American Society of Engineering Education.
- Loganathan, K., Souliman, M., & Isied, M. (2018). Simplified Approach for Structural Evaluation of Flexible Pavements at the Network Level. In *Transportation Consortium of South Central States (Tran-SET) Conference* (pp. 27–32). New Orleans, LA: Transportation Consortium of South Central States.

- Saygili, G., Yildirim, Y., & Sahin, H. (2017). Stabilization of High Sulfate Soils with Nontraditional Additives. In ASCE PanAm Unsaturated Soils.
- Saygili, G., Rathje, E., Wang, Y., & El-Kishky, M. (2018). Cloud-Based Tools for the Probabilistic Assessment of the Seismic Performance of Slopes. In Geotechnical Earthquake Engineering and Soil Dynamics V.
- Souliman, M., Abd El-Hakim, R., Davis, M., & Walubita, L. (2017). Quantifying the Mechanistic and Economic Impacts of using Asphalt Rubber Mixtures. In GeoMEast International Conference (pp. 16–26). Sharm El-Sheikh, Egypt: Springer.
- Souliman, M. (2018). Implementation of a Hybrid Teaching Environment for a Traffic Engineering Course. In 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX: American Society of Engineering Education.
- Tripathi, A., & Souliman, M. (2018). Mechanistic Analysis and Economic Benefits of Fiber-Reinforced Asphalt Mixtures. In Transportation Research Board 97th Annual Meeting. Washington, D.C.: Transportation Research Board.
- Tripathi, A., Souliman, M., & Walubita, L. (2018). Performance Evaluation of Jointed Plain Concrete Pavement with Sealed and Unsealed Joints in North Texas. In Transportation Research Board 97th Annual Meeting. Washington, D.C.: Transportation Research Board.
- Walubita, L., Hu, X., Nyamuhokya, T., Komba, J., Souliman, M., & Naik, B. (2018). Geogrid Reinforcement in Hot-Mix Asphalt Interlayer Shear Bond Strength Assessment. In Transportation Research Board 97th Annual Meeting. Washington, D.C.: Transportation Research Board.
- Zavagna, P., Souliman, M., & Aragão, F. (2018). Effectiveness of Rehabilitation Options on Roughness Using LTPP Pavement Section Data for Arizona. In International Society for Asphalt Pavements Conference. Fortaleza-Ceara, Brazil: International Society for Asphalt Pavements.
- Zavagna, P., & Souliman, M. (2018). Engineered Scoring System for Bicycle Lane Mapping Development. In 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX: American Society of Engineering Education.

#### Proceedings Publications

- Gangone, M. (2018, March). The Impact of Measurement Uncertainty from Experimental Load Distribution Factors on Bridge Load Rating. SPIE Smart Structures. Denver, CO: SPIE. Proceedings Publication.

#### Grants

- Souliman, Mena. Documenting the Impact of Aggregate Quality on Hot Mix Asphalt (HMA) Performance, TxDOT through Texas A&M Transportation Institute (September 1, 2017), USD \$25,000.
- Souliman, Mena. Testing the Performance of RARx Modified Concrete Mixture, Consulpav, Inc. (April 2, 2018), USD \$3,000.
- Souliman, Mena. City of Tyler: Tyler Bike Stripes Project, City of Tyler (June 1, 2018), USD \$156,469.

# ELECTRICAL ENGINEERING

#### Books

- Shirvaikar, M., & Elbert, T. (2018). Fundamentals of Real Time Systems (p. 222). San Diego, CA: Cognella Academic Publishing.

#### Journal Publications

- Amperayani, V. A., Indic, P., Travers, C. P., Barbieri, R., Paydarfar, D., & Ambalavanan, N. (2017). An Algorithm for Risk Stratification of Preterm Infants. *Computing*, 44, 1.
- Biswas, M. A. R., & Robinson, M. D. (2017). Prediction of Direct Methanol Fuel Cell Stack Performance Using Artificial Neural Network. *Journal of Electrochemical Energy Conversion and Storage*.
- Chakravartula, S., Indic, P., Sundaram, B., & Killingback, T. (2017). Emergence of local synchronization in neuronal networks with adaptive couplings. *PloS One*, 12(6), e0178975.
- Gee, A. H., Barbieri, R., Paydarfar, D., & Indic, P. (2017). Predicting Bradycardia in Preterm Infants Using Point Process Analysis of Heart Rate. *IEEE Transactions on Biomedical Engineering*, 64(9), 2300–2308.
- Zuzarte, I., Indic, P., Barton, B., Paydarfar, D., Bednarek, F., & Bloch-Salisbury, E. (2017). Vibrotactile stimulation: A non-pharmacological intervention for opioid-exposed newborns. *PloS One*, 12(4), e0175981.

#### Other

- Levine, A. H., Kanzler, C. M., Guy, A., Miranda, D. L., Mooney, J., Zapotok, A., others. (2017). Systems and Methods for Monitoring, Managing, and Treating Asthma and Anaphylaxis.
- Shirvaikar, M., & El-Kishky, H. (2017). EPS Equipment Test Report for DSE Technologies Inc. The University of Texas at Tyler.

#### Proceedings Publications

- Lohani, B., Shirvaikar, M., & Indic, P. (2018). Extraction of vital signs using real time video analysis for neonatal monitoring. In SPIE Conference on Real-Time Image and Video Processing 2018.
- Maheshwary, P., Malche, T., Shirvaikar, M., & Grecos, C. (2018). Adopting cyber security practices in Internet of Things: a review. In SPIE International Conference on

Autonomous Systems: Sensors, Vehicles, Security, and the Internet of Everything 2018.

- Maheshwary, P., Shirvaikar, M., & Grecos, C. (2018). Blind image sharpness metric based on edge and texture features. In SPIE Conference on Real-Time Image and Video Processing 2018.
- Ochoa, H., & Shirvaikar, M. (2018). A Survey of Digital Systems Curriculum and Pedagogy in Electrical and Computer Engineering Programs. In Proceedings of the 2018 ASEE Gulf-Southwest Annual Conference, Austin, TX, April 2018.

#### Grants

- Indic, Premaranda. Analysis of Data From Empatica 4 Wearable Physiological Devices, University of Tennessee Medical Center (September 1, 2017), USD \$15,000.

# MECHANICAL ENGINEERING

#### Chapters

- Goh, C. H., Dachowicz, A. P., Allen, J. K., & Mistree, F. (2018). A Computational Method for the Design of Materials Accounting for the Process-Structure-Property-Performance Relationship. In *Integrated Computational Materials Engineering (ICME) for Metals: Concepts and Case Studies* (p. Chapter 16). NJ: John Wiley & Sons, Inc.
- Goh, C. H., Dachowicz, A. P., Collins, P. C., Allen, J. K., & Mistree, F. (2018). Predicting Constitutive Equations for Materials Design: A Conceptual Exposition. In *Integrated Computational Materials Engineering (ICME) for Metals: Concepts and Case Studies* (p. Chapter 15). NJ: John Wiley & Sons, Inc.

#### Creative Productions

- Khajah, T. (2017, September). Code - Acoustic Scattering in IGA. Figshare.

#### Journal Publications

- Allen, E. C., & Fumo, N. (2018). Feasibility of Man-Portable Power Generation Systems. *American Journal of Undergraduate Research (AJUR)*.
- Chou, S.-F., Gunaseelan, S., Kiellani, M. H. H., Thottempudi, V. V. K., Neuenschwander, P. F., & Nie, H. (2017). A review of injectable and implantable biomaterials for treatment and repair of soft tissues in wound healing. *Journal of Nanotechnology, Hindawi*, 2017, Article ID 6341710, 15 pages.

- Chou, S.-F., Lee, C.-H., & Lai, J.-Y. (2018). Bioengineered keratocyte spheroids fabricated on chitosan coatings enhance tissue repair in a rabbit corneal stromal defect model. *Journal of Tissue Engineering and Regenerative Medicine, Wiley*, 12(2), 316–320.
- Fumo, N. (2017). Introduction of Computational Fluid Dynamics in a Thermal-Fluids Laboratory. *Computers in Education Journal*, 8(3), 8.
- Gizaw, M., Thompson, J., Faglie, A., Lee, S.-Y., Neuenschwander, P. F., & Chou, S.-F. (2018). Electrospun fibers as a dressing material for drug and biological agent delivery in wound healing applications. *Bioengineering, MDPI*, 5(1), Article number: 9, 28 pages.
- Goh, C. H., Ming, Z., Nellippallil, A. B., Yan, Y., Wang, G., Allen, J. K., & Mistree, F. (2018). PDSIDES-A Knowledge-Based Platform for Decision Support in the Design of Engineering Systems. *JCISE (Journal of Computing and Information Science in Engineering)*, 18, 041001–1–14.
- Goh, C. H., Ming, Z., Yan, Y., Wang, G., Panchal, J., Allen, J. K., & Mistree, F. (2018). Ontology-based Representation of Design Decision Hierarchies. *ASME Journal of Computing and Information Science in Engineering*, 18(1), 011001–011012.
- Jiang, Q., Liu, H., Xiao, Q., Chou, S.-F., Xiong, A.-H., & Nie, H. (2018). Three-dimensional numerical simulation of total warpage deformation for fiber-reinforced polymer injection-molded parts using coupled FEM. *Journal of Polymer Engineering, De Gruyter*, 38(5), 493–502.
- Luo, L.-J., Lai, J.-Y., Chou, S.-F., Hsueh, Y.-J., & Ma, D. H.-K. (2018). Development of gelatin/ascorbic acid cryogels for potential use in corneal stromal tissue engineering. *Acta Biomaterialia, Elsevier*, 65, 123–136.
- Small, M., Faglie, A., Craig, A. J., Pieper, M., Fernand Narcisse, V. E., Neuenschwander, P. F., & Chou, S.-F. (2018). Nanostructure-enabled and macromolecule-grafted surfaces for biomedical applications. *Micromachines, MDPI*, 9(5), 243.

#### Poster Presentations

- Cook, G., & Fumo, N. (2017, November). Automatic Self-Balancing Zoning System. CATEE 2017 – Texas Energy Summit. Plano, TX: Texas A&M University.
- Hernandez, A., & Fumo, N. (2017, September). Validation of Heat Exchanger Analysis using Computational Fluid Dynamics. 2017 UT System LSAMP Conference. El Paso, TX: UT System LSAMP Program.
- Khajah, T., & Villamizar, V. (2018, April). Precise Exterior Isogeometric Scattering Analysis. Airforce Research Lab - South Summit - April 24-25. Rice University, Houston, TX.

## Presentations

- Biswas, M. A. R., & Mwaru, K. N. (2017, October). Prediction of Solid Oxide Fuel Cell Performance using Artificial Neural Network. Dual Conference of Innovation and Automation. Houston, TX: IEEE Galveston Bay Section Society Chapters.
- Biswas, M. A. R., & Mwaru, K. N. (2018, August). Thermal Fluid Model Development of Steam Methane Reformer using Artificial Neural Network. 2018 Thermal Fluids Analysis Workshop. Galveston, TX: NASA JSC.
- Chou, S.-F., Luo, L.-J., & Lai, J.-Y. (2017, September). Antioxidant ability of phenolic compounds in drug delivery against glaucoma. International Conference on Vitamins, Nutrigenomics and Malnutrition. Dallas, TX.
- Chou, S.-F. (2017, December). Effects of drug-polymer interactions on mechanical behaviors and pharmaceutical performance in drug-eluting nanofibers. 14th International Conference on Energy and Materials Research. Dallas, TX.
- Chou, S.-F. (2018, February). Applications of Biomaterials in Wound Healing and Ocular Diseases. Science Seminar. Longview, TX: LeTourneau University.
- Fuentes, K., Ogletree, S., & Biswas, M. A. R. (2018, August). Temperature Controller Design of a High Temperature Ceramic Transport Membrane System for Oxygen Production using a Lumped Thermal Modeling Approach. 2018 Thermal Fluids Analysis Workshop. Galveston, TX: NASA Johnson Space Center.
- Fumo, N., & Bortone, V. (2017, June). Residential Hybrid-Ground Source Heat Pump – Phase I. ASHRAE Annual Conference. Long Beach: ASHRAE.
- Hall, Z., & Chou, S.-F. (2018, April). Studies on concussion prevention strategies for football players. 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX.
- Khajah, T., & Villamizar, V. (2017, Autumn). Isogeometric Analysis in Electromagnetic and Acoustic Scattering with Farfield High-order Local Absorbing Boundary Conditions. Invited Seminar - Brigham Young University. Brigham young University, Utah, USA: Brigham young University, Utah, USA.
- Khajah, T., & Villamizar, V. (2018, Summer). Highly Accurate Wave propagation in Isogeometric Analysis. Invited Seminar. Brigham Young University, Utah, USA: Brigham Young University, Utah, USA.
- Lee, S. Y., Chou, S.-F., & Hsu, Y. Y. (2018, July). Sleep and health outcomes in childbearing age women. WHOCC2018. Cairns, Australia: Collaborating Centre for Nursing and Midwifery Education and Research Capacity Building.
- Ogletree, S., & Biswas, M. A. R. (2018, August). Proof of Concept Design and Analysis of heat Reutilization of a Solid Oxide Electrolyzer Cell for Oxygen Supply on Mars. 2018 Thermal Fluids Analysis Workshop. Galveston, TX: NASA Johnson Space Center.
- Pieper, M., & Chou, S.-F. (2018, April). Set theory and proofs. 2018 ASEE Gulf-Southwest Section Annual Meeting.

Austin, TX.

Small, M., & Chou, S.-F. (2018, April). Water content and thermoplastic polyurethane effects on thrombosis clotting. 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX.

Thompson, J., Gizaw, M., & Chou, S.-F. (2018, April). Fabrication and characterization of electrospun drug-eluting nanofibers from polycaprolactone/chitosan blends. 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX.

## Proceedings Publications

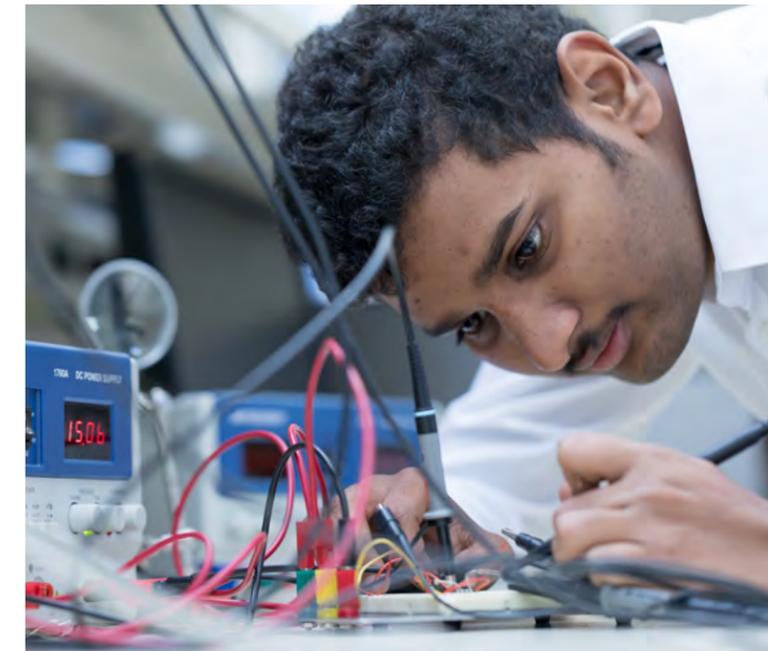
- Biswas, M. A. R., Robinson, M. D., & Rahman, M. H. (2017). Dynamic Model development of DMFC performance response using Artificial Neural Networks. In International Training Workshop and Conference on Renewable, Conventional Power and Green Technology. Montgomery, AL.
- Chou, S.-F., Luo, L.-J., & Lai, J.-Y. (2017). Antioxidant ability of phenolic compounds in drug delivery against glaucoma. In International Conference on Vitamins, Nutrigenomics and Malnutrition (Vol. 1, p. 20). Dallas, TX.
- Dsouza, S. M., Khajah, T., Natarajan, S., & Bordas, S. P. A. (2018). A Comparative Study of B-Spline- and Lagrange-FEM in solving acoustic scattering problems. In World Congress in Computational Mechanics (WCCM 2018).
- Goh, C. H., Ming, Z., Nellippallil, A. B., Yan, Y., Wang, G., Allen, J. K., & Mistree, F. (2017). PDSIDES-A Knowledge-based Platform for Decision Support in the Design of Engineering Systems. In Proceedings of the ASME 2017 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference.
- Goh, C. H., Nellippallil, A. B., Shukla, R., Ardham, S., Allen, J. K., & Mistree, F. (2017). Exploration of Solution Space to Study Thermo-Mechanical Behavior of AA 5083 Al-Alloy during Hot Rolling Process. In The Proceedings of the ASME 2017 International Design Engineering Technical Conferences.
- Goh, C. H., Yazdanshenas, A., & Nehls, C. (2017). Multidisciplinary Design Projects in Engineering Education. In American Society for Engineering Education (ASEE) 2017.
- Goh, C. H., Sloan, M., & Brown, F. (2018). BAJA SAE: Building an Engineer. In American Society for Engineering Education Gulf-Southwest Section (ASEE GSW) Conference 2018. Austin, TX.
- Goh, C. H., Yazdanshenas, A., & Morrison, E. (2018). A Repositioning Method of C-Arm Using Motion Capture on the Virtual Reality Platform. In IASTEM-419th International conference on Mechanical and Aerospace Engineering. Seoul, S. Korea.
- Goh, C. H., Yazdanshenas, A., Morrison, E., Allen, J. K., & Mistree, F. (2018). Computer-Aided Gear Product Realization. In The Proceedings of the ASME 2018 International Design Engineering Technical Conferences

- & Computers and Information in Engineering Conferences (IDETC/CIE). Quebec City, Canada.
- Goh, C. H., Yazdanshenas, A., Oyedele, J., & Morrison, E. (2018). Practicum of Systems Integration in Engineering Education. In American Society for Engineering Education Gulf-Southwest Section (ASEE GSW) Conference 2018. Austin, TX.
- Hall, Z., & Chou, S.-F. (2018). Studies on concussion prevention strategies for football players. In 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX.
- Khajah, T. (2018). A Novel Combination of Isogeometric Analysis with Far-field Expansion Absorbing Boundary Conditions for Exterior Acoustic Problems. In World Congress in Computational Mechanics (WCCM 2018).
- Khajah, T., & Villamizar, V. (2018). Highly Accurate Wave Scattering Computation: Isogeometric Analysis Coupled with Local High Order ABC. In International Conference of Spectral and High Order methods (ICOSAHOM 2018). Imperial College, London: <http://icosahom2018.org/>.
- Magdaline Dsouza, S., Khajah, T., Bordas, S. P., & Natarajan, S. (2018). Isogeometric analysis for acoustic scattering. In 1st Symposium and Workshop for Analytical Youth on Applied Mechanics, BITS Pilani, K. K. Birla Goa Campus, India.
- McGinnis, M. J., & Fumo, N. (2018). Comparison of Structural Details and Energy Demands for Residential Structures with Advanced and Traditional Wood Framing. In Structures Congress 2018. Fort Worth, TX: Structural Engineering Institute of ASCE.
- Pieper, M., & Chou, S.-F. (2018). Set theory and proofs. In 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX.
- Small, M., & Chou, S.-F. (2018). Water content and thermoplastic polyurethane effects on thrombosis clotting. In 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX.
- Thompson, J., Gizaw, M., & Chou, S.-F. (2018). Fabrication and characterization of electrospun drug-eluting nanofibers from polycaprolactone/chitosan blends. In 2018 ASEE Gulf-Southwest Section Annual Meeting. Austin, TX.
- Xu, G., Zu, Y., Khajah, T., Xu, J., Tomar, S., & Bordas, S. P. A. (2017). Efficient r-adaptive isogeometric analysis with harmonic mapping and monitor function approach. In International Conference on Geometric Modeling and Processing (GMP 2017). Xiamen, China.

## Grants

- Brown, Fredericka. Thermal Modeling Support for Columbia Scientific Balloon Facility, Orbital TK (September 1, 2017), USD \$46,839.
- Brown, Fredericka. 2017-2018 Texas Mathematics and Science Partnership Professional
- Chou, Shih-Feng. The use of membrane-tethered Kunitz-type inhibitors to provide thromboresistance for implantable devices, AHA (April 1, 2018), USD \$154,000.

- Chou, Shih-Feng. TX National Security Network 2018: A rapid and cost-effective decontamination method for public transportations against chemical and biological warfare agents, UT System (June 1, 2018), USD \$23,827.
- Fumo, Nelson. Presentations for 2018 Balancing Symposium, Pro Hydraulics (December 1, 2017), USD \$2,750.
- Garcia, Andres. TX Space Grant Student Design Challenge, Texas Space Grant Consortium (September 1, 2017), USD \$1,200.
- Kypuros, Javier. NSF EAGER: Understanding the Confluence: Social Identities in Engineering Education and Practice, National Science Foundation (September 1, 2017), USD \$75,272.



The College of Nursing and Health Sciences (CNHS) continues to contribute to excellence in scholarship and creativity at UT Tyler. We offer outstanding health-related degree programs in East Texas and beyond. Our graduates are well prepared to practice in a variety of complex, continually changing environments.

The CNHS currently houses the School of Nursing, Department of Health and Kinesiology, and Institute for Integrated Healthcare. The CNHS enrollment continues to grow with 2,672 students in fall 2018 (UT Tyler Factbooks).

The School of Nursing accounts for 20 percent of the total enrollment at UT Tyler, and about 20 percent of prospective students are interested in the nursing BSN program at UT Tyler Patriot Premiere. In spite of program growth, the School of Nursing maintains the rigor of its programs. BSN graduates had a 94.38 percent pass rate on the national licensure exam (NCLEX) in 2018; MSN Family Nurse Practitioner (FNP) students had a pass rate of 100 percent in 2018. Our online Master of Science in Nursing (MSN) was ranked No. 1 in the nation for affordability of online master's in nursing programs by [affordablecolleges.com](https://www.affordablecolleges.com/rankings/affordable-online-masters-nursing-programs/) (<https://www.affordablecolleges.com/rankings/affordable-online-masters-nursing-programs/>).

The faculty in the Department of Health and Kinesiology continued their excellent teaching and research activities. Our online Master of Science in kinesiology was nationally ranked No. 12 in sports medicine by [bestschools.org](https://www.bestschools.org) recently.

The Institute of Integrated Healthcare continued to support faculty research (ACL injury and rehabilitation, sleep hygiene, and exercise intervention for cancer patients), to enhance student education in research (student research projects/presentations) and to promote community health (offered two community Tai Chi mind-body exercise programs for local seniors in 2018).

#### New Programs in the CNHS

1. The New Master of Occupational Therapy (MOT) program: The first class of 20 MOT students with an average GPA of 3.76 was admitted to the MOT program in fall 2018 and the second class of 24 MOT students will be admitted to the MOT program in fall 2019.

2. The Communication Sciences and Disorders (CSD) BS program: The CSD BS program has been moved from the CAS to the CNHS smoothly. We are in the process of hiring the CSD program director and working with the faculty and students to ensure the success of the CSD program.

#### International Activities in the CNHS

1. The college has sponsored eight visiting scholars from four universities in China including Shandong University, Shandong University, Shandong Sports University and Zhengzhou University, and four exchange international students from Shandong University.

2. The School of Nursing started a MSN Face-to-Face Cohort for international students in the fall of 2018 and received an endowment of scholarship (\$100,000) for MSN Face-to-Face students.

3. The CNHS has worked on a 3.5+1.5 agreement with Central China Normal University in health and kinesiology and a MS transfer agreement with several universities in China and Hong Kong.

In summary, the CNHS leadership team, faculty and staff continued to work diligently to promote our student enrollment, retention and graduation rates, and faculty scholar productivity, and to pursue external grant funding.

**DR. YONG TAI WANG**  
**DEAN OF NURSING AND HEALTH SCIENCES**

## HEALTH AND KINESIOLOGY

### Chapters

Njororai, F. J., & Njororai Simiyu, W. W. (2018). Physical Activity. In *Rural Development Planning in Africa* (pp. 199 – 248). New York: Palgrave MacMillan.

### Journal Publications

Arce-Esquivel, A. A., Warner, B. J., Gallegos, D. M., & Cage, S. A. (2017). Effect of Dry Cupping on Vascular Function among Young Individuals. *International Journal of Health Sciences*.

Arce-Esquivel, A. A., Dobrosielski, D. A., & Nelson, A. G. (2017). The Connection between Diabetic Peripheral Neuropathy and Obstructive Sleep Apnea. *Journal of Diabetes Research*.

Arce-Esquivel, A. A., Duke, G., Takemoto, J. K., Rizer, C. A., & Ballard, J. E. (2018). Effects of Light Therapy on Vascular Function in Patients with Diabetic Peripheral Neuropathy. *J Cardiol Vasc Res*, 2(3), 1–6.

Arce-Esquivel, A. A., & Ballard, J. E. (2018). Whole Body Resistance Training and Physical Function Among Older Women. *Archives of Physical Health and Sports Medicine*, 1(1), 1–8.

Brown, J. L., Rosa-Caldwell, M. E., Lee, D. E., Blackwell, T. A., Brown, L. A., Perry, R. A., ... others. (2017). Mitochondrial degeneration precedes the development of muscle atrophy in progression of cancer cachexia in tumor-bearing mice. *Journal of Cachexia, Sarcopenia and Muscle*, 8(6), 926–938.

Cage, S. A., Warner, B. J., Stevenson, P., & Arce-Esquivel, A. A. (2018). Flossing Bands to Treat Keinböck's Disease in a Collegiate Men's Basketball Player: A Case Report. *International Physical Medicine & Rehabilitation Journal*, 3(2), 175–177.

Dong, X. N., Lu, Y., Krause, M., Huber, G., Leng, H., & Maquer, G. (2018). Variogram-based evaluations of DXA correlate with vertebral strength, but do not enhance the prediction compared to aBMD alone. *Journal of Biomechanics*, 77, 223–227.

Han, PhD, OTR, A., Brown PhD, OTR, D. P., & Richardson, OTR, A. (2018). Older adults' perspectives on volunteering in an activity-based social program for people with dementia. *Activities, Adaptation & Aging*, DOI: 10.1080/01924788.2018.1500055.

Lee, D. E., Brown, J. L., Rosa-Caldwell, M. E., Blackwell, T. A., Perry Jr, Richard, Brown, L. A., ...others. (2017). Cancer cachexia-induced muscle atrophy: evidence for alterations in microRNAs important for muscle size. *Physiological Genomics*, 49(5), 253–260.

Li, L., Njororai Simiyu, W. W., Liao, T., & Feng, Y. (2017). Selected demographic characteristics of male

basketball players: the case of China and the USA. *Journal of Physical Education and Sport*® (JPES), 17(4), 2678 – 2684.

Lowe, T., & Dong, X. N. (2018). Fatigue of hamstrings as a rehabilitation strategy to reduce quadriceps inhibition in athletes with anterior cruciate ligament (ACL) reconstruction. *Perceptual and Motor Skills*, 125(1), 81–92.

Njororai Simiyu, W. W. (2017). AFC Leopards and Gor Mahia: footballing rivalry and shared political underdog status in Kenya. *Soccer & Society*.

Orsak, G., Allen, C., Sorensen, W., & McGaha, P. (2017). Risk of colorectal polyps and malignancies among predominantly rural Hispanics. *Journal of Immigrant and Minority Health*.

Paruchuru, S. P., Kumar, V. U., Jain, A., & Dong, X. N. (2017). Comparative estimates of uncertainty in measures of fracture toughness. *Journal of Testing and Evaluation*, 45(4), 1139–1149.

Rice, OTD, OTR, T., Amerih, PhD, OTR, H., & Brown PhD, OTR, D. P. (2017). The impact of instructional method on the application of Kinesio Taping® techniques for occupational therapy students. *Journal of Occupational Therapy Education*, 1(3).

Sollanek, K. J., Burniston, J. G., Kavazis, A. N., Morton, A. B., Wiggs, M. P., Ahn, B., ... Powers, S. K. (2017). Global proteome changes in the rat diaphragm induced by endurance exercise training. *PLoS One*, 12(1), e0171007.

Tseng, B., West, R., Craddock, C., & Clark, A. (2017). Novel Gross Motor Skill Training Improves Flexibility, Reaction Time, and Mobility in Older Adults - A Pilot Study. *Journal of Bones and Muscle Study*, 9–12.

Tseng, B. (2018). Cardiorespiratory Fitness and White Matter Neuronal Fiber Integrity in Mild Cognitive Impairment. *Journal of Alzheimers Disease* (2016 IF: 3.920), 61(2), 729–739.

### Presentations

Arce-Esquivel, A. A., Ballard, J. E., Hermanns, M. L., Rath, L. L., Murley, B., Wang, Y. T., & Haas, B. K. (2018, May). Long-term Effects of Tai Chi on Muscle Strength and Physical Function in Patients with Peripheral Neuropathy. ACSM's 65th Annual Meeting, 9th World Congress on Exercise is Medicine and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy. Minneapolis, Minnesota: American College of Sports Medicine.

Francis, J. (2017, November). Update on Breastfeeding Research. *Principles of Lactation Management*. Laredo, TX: Texas Department of State Health Services.

Francis, J. (2018, January). The Case for Breastfeeding. *Principles of Lactation Management*. Houston, TX: Texas Health and Human Services.

Francis, J., & Dickton, D. (2018, January). Minimalist Early Intervention for Increasing Exclusive Breastfeeding at 6 weeks. 2018 International Conference on the Theory and Practice of Human Lactation Research and

Breastfeeding Management. Deerfield Beach, Florida: Healthy Children Project.

Francis, J. (2018, January). Why is supporting the normal breastfeeding dyad so difficult in the first 3 days? Labor and delivery/neonatal/postpartum staff education day. Family Birthplace: East Texas Medical Center.

Francis, J. (2018, March). Composition of Human Milk. Principles of Lactation Management. Dallas, TX: Texas Health and Human Services.

Francis, J. (2018, May). Supporting the first three days of life - ensuring breastfeeding success. Mother/Baby Nurse Continuing Education. Jacksonville, TX: ETMC - Jacksonville.

Francis, J. (2018, July). Advanced Feeding Assessment and Interventions. Community Education Workshop. UT Tyler: UT Health and the Foundation for Maternal, Infant, and Lactation Knowledge.

Francis, J. (2018, July). Breastfeeding Educator Workshop. Community Education for Breastfeeding Educators. UT Tyler: UT Health and the Foundation for Maternal, Infant, and Lactation Knowledge.

Francis, J. (2018, July). Lactation Physiology. Principles of Lactation Management Workshop. San Antonio, TX: San Antonio Children's Hospital, State of Texas DSHS.

Jivetti, B., Mathenge, C., Rotich, J., & Njororai Simiyu, W. W. (2017, September). Conversations, dreams and legacy of selected fathers from Kenya. Presented at the 10th KESSA Conference September 8-9. Atlanta Marriott Marquis: Kenya Scholars and Studies Association.

Njororai Simiyu, W. W., Njororai, F. J., Foerster, A., & Jabo, N. (2017). Perspectives on professional transition from Kenya to USA. 94th TAHPERD Convention. Fortworth: TAHPERD.

Njororai Simiyu, W. W., Abala, I. J., Gitau, M., & Wamwara, W. (2017, September). Thanks Mom: Reflections of Gratitude, Love and Good Times. Presented at the 10th KESSA Conference September 8-9. Atlanta Marriott Marquis: Kenya Scholars and Studies Association.

Njororai Simiyu, W. W., & Njororai, F. J. (2017, November). Students' Perspectives on Flipped Course Components. Third Annual NDLW Mini-Conference Driving Excellence in Distance Education: Quality Assurance. Texas A&M University-Texarkana.

Njororai Simiyu, W. W. (2018, January). Reflection on Roots for Successful Distance Running in Kenya. The African Roots: Reflections on Origins, Identities and Voices from the African Past and Present Joint Workshop of the Southeast Africanist Network (SEAN) and the Southeast Regional Seminar in African Studies (SERSAS). University of Florida, Gainesville: Southeast Africanist Network (SEAN) and the Southeast Regional Seminar in African Studies (SERSAS).

Njororai Simiyu, W. W. (2018, June). Sports as a medium for student engagement and learning at university. Kenya Universities' Sports Association Forum on June 8th 2018. Kisii University: KUSA.

Oravec, D., Dong, X. N., & Yeni, Y. (2018, March). Prediction

of vertebral uniform compression and wedge strength using DXA-derived stochastic predictors. Annual Meeting of Orthopaedic Research Society. New Orleans, Louisiana: Orthopaedic Research Society.

Sorensen, W. (2018, Spring). A experiência de pesquisa no Texas de local para internacional. Presented to Universidade de São Paulo, Ribeirão Preto College of Nursing. Ribeirão Preto SP, Brazil: USP EERP.

Thomas, B., Tarumi, T., Sheng, M., & Tseng, B. (2017, November). One-Year Aerobic Exercise Increases Regional Cerebral Blood Flow in Anterior Cingulate Cortex: A Blinded, Randomized Trial in Patients with Amnesic Mild Cognitive Impairment. Neuroscience 2017. Washington, DC: Society for Neuroscience.

Wiggs, M. P. (2017, September). A myopic view of cancer. UT Health North East Seminar.

### Proceedings Publications

Benson, C. A., Lee, D. E., Brown, J. L., Rosa-Caldwell, M. E., Washington, T. A., Greene, N. P., & Wiggs, M. P. (2017). Mitochondrial Dysfunction in Diaphragm Muscle Precedes the Cachectic Phenotype in LLC Tumor-Bearing Mice. In International Journal of Exercise Science: Conference Proceedings (Vol. 2).

Francis, J. (2018). Biomechanics of human milk transfer—What DO we know? In Maternal and Child Nutrition (Vol. 14, pp. 23–24). doi:10.1111/mcn.12587: Wiley.

Francis, J., & Dickton, D. D. (2018). Emergent hypertension during pregnancy and breastfeeding at hospital discharge. In Maternal and Child Nutrition, Nutrition and Nurture Conference (Vol. 14, p. 17). doi:10.1111/mcn.12587: Wiley.

Ramey, S. M., Rosa-Caldwell, M. E., Brown, J. L., Lee, D. E., Perry, R. A., Haynie, W. A., ... Greene, N. P. (2017). Cancer Cachexia: Metabolic Changes in Carbohydrate Metabolism of the Liver. In International Journal of Exercise Science: Conference Proceedings (Vol. 11).

Turner, K. W., Rosa-Caldwell, M. E., Brown, J. L., Lee, D. E., Perry, R. A., Haynie, W. A., ... Greene, N. P. (2017). Changes in Liver Fibrosis during the Progression of Cancer-Cachexia in Mice. In International Journal of Exercise Science: Conference Proceedings (Vol. 11).

Wiggs, M. P., Roberts, B. M., Kwon, O. S., Yoo, J. K., Cristou, D. D., Judge, A. R., ... Smuder, A. J. (2017). Mitochondrial dysfunction promotes cancer-induced cardiac and respiratory muscle weakness. In 10th International Conference on Cachexia, Sarcopenia and Muscle Wasting.

### Reviews

Sorensen, W. (2017). Zeiderman's Endangered City. Latin Americanist.

Tseng, B., & Craddock, C. (2018). Old Dog, New Tricks: Learning Novel Motor Tasks May Enhance Brain Health in Older Adults. Research & Investigations in Sports

Medicine.

Tseng, B., & Marzilli, C. (2018). Diagnosis and Management of Post-Stroke Fatigue- What Do We Know, What Do We Still Need to Know. Research in Medical & Engineering Sciences.

Tseng, B., & Marzilli, C. (2018). Tired of Being Tired After Stroke: Managing Post-Stroke Fatigue. Open Access Research in Anatomy.

Njororai Simiyu, W. W. (2017). Kenya again loses the right to host a football tournament: Why it matters. The Conversation.

Njororai Simiyu, W. W. (2018). Why African teams fell short at the World Cup – again. The Conversation.

Njororai Simiyu, W. W. (2018). Meet the five teams hoping to change Africa's World Cup story. The Conversation.

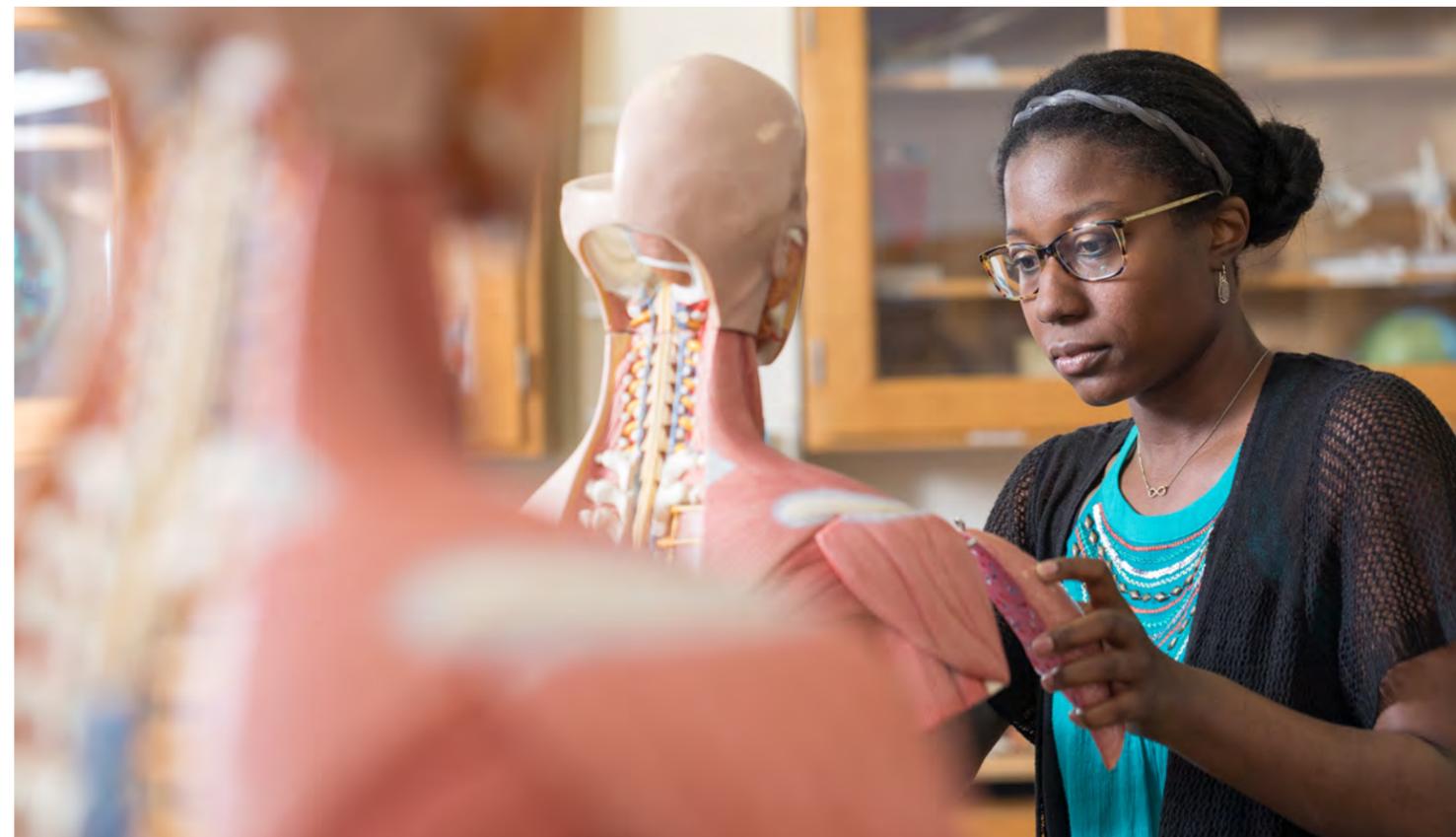
### Grants

Francis, Jimi. Community-Based Breastfeeding Education in Relation to Breastfeeding Initiation and Duration in the Tyler Area, Foundation for Maternal, Infant, and Lactation Knowledge (September 1, 2017), USD \$1,250.

Francis, Jimi. Going Wireless – ME SuPPRT Breastfeeding diagnostic device, Institute of Integrated Healthcare (December 19, 2017), USD \$11,850.

Francis, Jimi. Summer Fellowship Program, Connecticut Center for Entrepreneurship & Innovation (May 16, 2018), USD \$15,000.

Francis, Jimi. Evidence-Based Entrepreneurship, Accelerate UConn/NSF (February 9, 2018), USD \$3,000.



## Books

Lee, S. Y., & Wu, P. H. (2018). Do you have the courage to be persistent? (p. 216). Taiwan, ROC: Wen Gi.

## Chapters

- Petersen, S. (2018). Robots for cognitive rehabilitation and symptom management. In *Rehabilitation Robotics*, 1st Edition. (Pp.267-275). Amsterdam: Elsevier.
- Rizer, C. A. (2018). A Comparison of Mindfulness Meditation and Tai chi/Qi gong in the Moderation of Cancer Pain in Adults. In *Meditation: Practices, Techniques, & Health Benefits* (pp. 109–134). Chapter 4: Nova Science Publishers.

## Journal Publications

- Abel, W. M., Joyner, J. S., Cornelius, J. B., & Greer, D. B. (2017). “Self-care Management Strategies used by Black Women Who Self-report Consistent Adherence to Antihypertensive Medication” Patient Preference and Adherence, 2017(11), 1401–1412. <https://doi.org/10.2147/PPA.S138162>.
- Abel, W. M., & Greer PhD, D. B. (2017). Spiritual/Religious Beliefs and Medication Adherence in Black Women with Hypertension. *The Journal of Christian Nursing*, 34(3), 164–169. doi:10.1097/CNJ.0000000000000333.
- Arce-Esquivel, A. A., Duke, G., Takemoto, J., Rizer, C. A., & Ballard, J. (2018). Effects of Light Therapy on Vascular Function in Patients with Diabetic Peripheral Neuropathy. *Journal of Cardiology and Vascular Research*, 2(3), 1–6.
- Arce-Esquivel, A., Haas, B. K., Hermanns, M. L., Ballard, J. E., Rizer, C. A., Gary T. Kimmel, G. I., & Wang, Y. T. (2018). Effects of Tai Chi Training on Muscle Strength, Mobility, and Quality of Life in Patients with Peripheral Neuropathy. *International Journal of Research Studies in Medical and Health Sciences*. 3(10):35-43
- Chilton, J., Gosselin, K., & Haas, B. K. (2018). Development of the Self-Rated Abilities for Health Practices - Adolescent Version: A Self-Efficacy Measure. *Journal of Nursing Measurement*, 26(1), 134–141.
- Chung, C., Kang, H.-Y., & Lake, P. K. (2018). Health-seeking experiences of North Korean women defectors in South Korea. *Public Health Nursing*, 35(3), 192–201.
- Delello, J., A., Hawley, H., McWhorter, R. R., Gipson, C., & Deal, B. (2018). Gamifying education: Motivation and the implementation of digital badges for use in higher education. *International Journal of Web-Based Learning and Teaching Technologies*, 13(4). <https://doi.org/10.4018/IJWLTT.2018100102>
- Ganokroj, P., Limroongreungrat, W., Kerdsonnuek, P., Riansuwan, K., Keyurapan, E., Wang, Y. T. & Vanadurongwan, B. (2018). Does flooring-type change

the gait characteristics of the older adult? Analysis of balance and temporal-spatial gait parameters and ground reaction force, *Ageing Science & Mental Health Studies*, 2(3):1-8.

- Gipson, C., & Bartos, S. (2018). College Student Sleep. *Building Healthy Academic Communities Journal*, 2(1), 11–13.
- Gipson, C., Chilton, J., Dickerson, S., Alfred, D., & Haas, B. K. (2018). Effects of a Sleep Hygiene Text-Message Intervention on Sleep in College Students. *Journal of American College Health*. <https://doi.org/10.1080/07448481.2018.1462816>
- Gizaw, M., Thompson, J., Faglie, A., Lee, S.-Y., Neuenschwander, P. F., & Chou, S.-F. (2018). Electrospun fibers as a dressing material for drug and biological agent delivery in wound healing applications. *Bioengineering, MDPI*, 5(1), Article number: 9, 28 pages.
- Gizaw, M., Thompson, J., Faglie, A., Lee, S. Y., Neuenschwander, P., & Chou, S.-F. (2018). The use of electrospun nanofibers as a dressing material for delivery of drugs and biological agents in wound healing. *Journal of Bioengineering*, 5.
- Greer D. B., & Abel, W. M. (2017). Religious/spiritual coping in older African American women. *The Qualitative Report*, 22(1), 237-260. <http://nsuworks.nova.edu/tqr/vol22/iss1/13>
- Gunter, D., & Duke, G. (2018). Reducing uncertainty in families dealing with childhood cancers: An integrative literature review. *Journal of Pediatric Oncology*, 44(1), 21–37.
- Harmon, C. S., & Parker, C. D. (2017). Selecting a graduate degree in informatics. *Journal of Informatics Nursing*, 2(4), 23–25.
- Hermanns, M. L., Deal, B. J., Campbell, A. M., Hillhouse, S., Opella, B., Faigle, C., & Campbell, R. H. (2017). Using an Escape Room Toolbox Approach to Enhance Pharmacology Education. *Journal of Nursing Education and Practice*, 8(4), 89–95.
- Hermanns, M. L., Haas, B. K., Brittany Murley, B., Arce-Esquivel, A., Ballard, J. E., Roth, L. & Wang, Y. T. (2018). Impact of Tai Chi on Peripheral Neuropathy Revisited: A Mixed Methods Study, *Gerontology and Geriatric Medicine*, 1-9. <https://doi.org/10.1177/2333721418819532>.
- Marzilli, C. (2017). A review of the theoretical framework of culture and value applied to nursing. *International Journal of Nursing*, 6(6), 47–65.
- Marzilli, C., & Mastel-Smith, B. (2017). Cultural Competence of Pre-Licensure Nursing Faculty. *Journal of Nursing Education and Practice*, 7(9), 90–97.
- Mastel-Smith, B., Duke, G., & He, Z. (2018). A Randomized Controlled Trial Examining the Effects of Tai Chi and Electronic Tablet Use on Older Adults' Cognition and Health. *Journal of Holistic Nursing*.
- Post, J., Mastel-Smith, B., & Lake, P. K. (2017). Online Teaching: How Students Perceive Faculty Caring. *International Journal for Human Caring*.
- Purdom, M. A., Petersen, S., & Haas, B. K. (2017). Results of an Oncology Clinical Trial Nurse Role Delineation Study.

Oncology Nursing Forum, 44(5), 589–595. <https://doi.org/10.1188/17.ONF.589-595>.

- Rizer, C. A., & Lusk, M. D. (2017). Screening and Initial Management of Alcohol Misuse in Primary Care. *Journal for Nurse Practitioners*, 13(10), 660–666.e1. <https://doi.org/10.1016/j.nurpra.2017.08.011>
- Shelton, S., & Lee, S. Y. (2018). Women's self-reported factors that influence their postpartum exercise levels. *Nursing for Women's Health*, 22, 148–157.
- Tseng, B., & Marzilli, C. (2018). Diagnosis and Management of Post-Stroke Fatigue—What Do We Know, What Do We Still Need to Know. *Research in Medical and Engineering Sciences*, 4(5), 1–5.
- Zhang, X., Du, L.-P., Lee, S. Y., Cui, C., Chen, L., & Zhang, Y. (2017). Reliability and validity of the Chinese version of 2011 ISMP medication safety self-assessment for hospital. *Chinese Journal of Hospital Pharmacy*, 37(21), 2109–2112.

## Other

- Ballard, S. E., & Petersen, S. W. (2018). Developed Primary Care Clinic and Clinical site for Family Nurse Practitioner students from UTT - in Jacksonville, Texas for medically underserved from the ground up - in partnership with Special Health Resources, an FQHC.
- Parker, C. D., & Hermanns, M. L. (2018). AACN's Digital Innovation Bootcamp: From Concept to Action! American Association of Colleges of Nursing. <http://www.aacnnursing.org/Professional-Development/Conference-Info/sessionaltcd/1532>
- Parker, C. D., Johnson, M. H., & St. John, C. (2018). ANIA Nursing Informatics Certification Review Course. American Nursing Informatics Association Annual Conference-2018.

## Other Teaching Materials

- Hermanns, M. L. (2017). Emergency Caregiving Plan. Parkinson's Foundation.

## Poster Presentations

- Alfred, D., Yarbrough, S. P., & Martin, P. (2017, October). The hunt is on for fugitive instruments and rogue theories. Sigma Theta Tau 44th Biennial Convention. Indianapolis, IN.
- Courville, K. A. (2017, October). How mobile technology impacts prehospital personnel who are on acute stroke teams: A realist perspective. EMS World International Research Symposium. Las Vegas, NV: Prehospital Care Research Forum.
- Gerri, A., Deal, B. J., Courville, K. A., Jordan, J., & Jowell, V. L. (2018, May). Quality & Safety Education in Nursing (QSEN) Academic Task Force. QSEN National Forum 2018. Bonita Springs, FL: QSEN Institute.
- Hsu, Y. Y., Lee, S. Y., & Liu, C. Y. (2018, July). Sleep, fatigue,

and depressive symptoms among Taiwanese women with gynecological cancer after postsurgical treatment. WHOCC2018. Cairns, Australia: Collaborating Centre for Nursing and Midwifery Education and Research Capacity Building.

- Lusk, M. D., & Marzilli, C. (2018, March). Teaching Doctoral Nursing Students with Strengths. Beta Chi Sigma Nursing and Research Conference. Bossier City, Louisiana: Beta Chi Chapter, Sigma Theta Tau International Honor Society for Nursing.
- Marzilli, C., & Lusk, M. D. (2018, February). The Implementation of a Strengths-Based DNP Program to Develop Leadership Competencies in Doctorate of Nursing Practice Students. Texas Organization of Nurse Executives Annual Conference 2018. Dallas, Texas: Texas Organization of Nurse Executives.
- Marzilli, C. (2018, March). Exploring Culture with DNP Students. Beta Chi Sigma Nursing and Research Conference. Bossier City, Louisiana: Beta Chi Chapter-Sigma Theta Tau International Honor Society for Nursing.
- McNeill, C., Hutchinson, K., Alfred, D., Chilton, J., & Nash, T. (2018, March). Nurse Willingness to Respond to Disasters: Implications for Education and Practice. SNRS 2018 Annual Conference. Atlanta, Georgia: SNRS.
- Scheinfeld, E., & Lake, P. K. (2018, July). Why is it just so hard? Making sense of end-of-life communication between family members. International Association for Relationship Research Annual Conference. Fort Collins, CO: International Association for Relationship Research.
- Strout, K. R., & Verklan, M. T. (2017). A Proposed Study to Test the Effects of RN-Led Diabetic Foot Care Education on Self-Identification of Risk for Diabetic Foot Ulcer, Diabetic Foot Care Behaviors, and Diabetic Foot Risk Assessments among Adults with Diabetes Mellitus Experiencing Homelessness. International Conference on Nursing Science & Practice. Double Tree by Hilton Hotel Dallas DFW Airport North Irving, TX USA: United Scientific Group.

## Proceedings Publications

- Petersen, S. (2018). PARO: An Important Solution for Symptom Control. The 10th International Symposium on Robot Therapy. Tokyo, Japan: IEEE.

## Presentations

- Altmiller, G., Deal, B. J., Ebersole, N., Flexner, R., Jordan, J., Jowell, V. L., Walker, D. (2018, May–June). The Constructive Feedback Teaching Strategy: A Multi-site Study of its Effect. 2018 International Forum Oceans of Opportunity: Evidence-Based Practice to Improve Quality and Safety in Education and Practice. Bonita Springs, FL: QSEN Institute and Frances Payne Bolton School of Nursing Case Western Reserve University.
- Arce-Esquivel, A. A., Ballard, J. E., Hermanns, M. L., Rath, L. L.,

- Murley, B., Wang, Y. T., & Haas, B. K. (2018, May). Long-term Effects of Tai Chi on Muscle Strength and Physical Function in Patients with Peripheral Neuropathy. 2018 ACSM 65th Annual Meeting, 9th World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy of the American College of Sports Medicine. Minneapolis, Minnesota: American College of Sports Medicine.
- Chilton, J., Dickerson, S., Haas, B. K., & McNeil, P. (2018, January). Advancing Science: A New Step for Innovative Collaboration. AACN 2018 Doctoral Education Conference. Naples, Florida: AACN.
- Chilton, J., Dickerson, S., Haas, B. K., & McNeil, P. (2018, January). NEXus 3.0. Doctoral Education Conference. Fort Meyers, FL.
- Courville, K. A., Spencer, B., & McShane, K. E. (2018, March). A real application of realist evaluation: A novel research methodology to study complex health interventions. Southern Nursing Research Society Annual Conference 2018. Atlanta, GA: Southern Nursing Research Society.
- Cowart, T. W., Dubre, V., Duke, G., & Bock, G. L. (2018, March). Creating a Community of Engagement and Longevity. APPE. Chicago, IL: APPE.
- Cowart, T. W., Duke, G., Bock, G. L., & Dubre, V. (2018, March). Ethical implications of state mandated disposition of fetal remains. APPE. Chicago, IL: APPE.
- Ding, M., Yi, X., Chen, X., Dong, X., Chao, M., & Wang, Y. T. (2018). Less Qigong exercise for Chronic Obstructive Pulmonary Disease Rehabilitation A Randomized Controlled Trial. The 2018 Annual Meeting of the American College of Sports Medicine, May 29 – June 2, Minneapolis, Minnesota.
- Fineout-Overholt, L. E., Petersen, S. W., & Chilton, J. (2018, January). Doctoral Programs United (DPU): Essential Collaborations to Ensure Achievement of Academic Rigor, Student Outcomes, and Program Objectives. AACN 2018 Doctoral Education Conference. Naples, FL: AACN.
- He, Z. (2018, July). Statistics for Quantitative Research. Project meeting: Standards and assessment for quality of bilingual education in China's minority groups. Yanbian, Jilin, China: Yanbian University.
- Lee, S. Y., Chou, S.-F., & Hsu, Y. Y. (2018, July). Sleep and health outcomes in childbearing age women. WHOCC2018. Cairns, Australia: Collaborating Centre for Nursing and Midwifery Education and Research Capacity Building.
- Lee, S. Y., Hsu, Y. Y., Chen, Y. P., & Wang, Y. T. (2018, July). Sleep issues among women in transition to health and complimentary alternative interventions. WHOCC2018. Cairns, Australia: WHO Collaborating Center for Nursing and Midwifery Education and Research Capacity Building.
- Lee, S. Y. (2017, September). Journey in promoting sleep and wellbeing for childbearing women. Centennial Celebration at Peking Union Medical College. Beijing, China: Peking Union Medical College.
- Li, L., Ru, A., Liao, T., Zou, S., Niu, X. H., & Wang, Y. T. (2018). Effects of Rock Climbing Exercise on Physical Fitness Among College Students: A Meta-Analysis. The 2018 Annual Meeting of the American College of Sports Medicine, May 29 – June 2, Minneapolis, Minnesota.
- Marzilli, C., & Lusk, M. D. (2018, Spring). Sustaining the DNP: Strategies for the Future in Clinical and Administrative Practice. 2018 Eleventh National Doctors of Nursing Practice Conference. California: Doctors of Nursing Practice Organization.
- Marzilli, C. (2018, May). Population Health within the Context of Culture: How DNP Course Content Affects Cultural Competence. International Conference on Nursing. London, England.
- Mastel-Smith, B., & Kimzey, M. (2017, Autumn). Dementia Education Boot Camp: An Interdisciplinary Education Program. Regional Education on Aging, Caregiving and Healthcare Conference.
- Miller, C., Duke, G., Stoklosa, H., Panda, P., Fix, M., & Chisolm-Straker, M. (2017, November). Human Trafficking is a Public Health Issue: An Evidence-Based Framework to Guide the Development of Health Care Provider Education Programs. American Public Health Association Conference. Georgia: APHA.
- Njoki, T., Greer, D. B., & Hermanns, M. L. (2018, March). Exploring Smartphone Use in the Healthcare Setting. The Honors College - Oklahoma State University. Stillwater, Oklahoma: The Honors College - Oklahoma State University.
- Parker, C. D., & Mohiuddin, N. (2018, Spring). Reimagining your Career: Let the Sun Shine in! American Nursing Informatics Association Annual Conference. Orlando, FL: American Nursing Informatics Association.
- Petersen, S. (2018, Nov). PARO: An Important Solution for Symptom Control. The 10th International Symposium on Robot Therapy. Tokyo, Japan: IEEE.
- Yi, N., Meng, K., Wang, Y. T., Guo, X., Yi, X., & Gao, X. (2017). Effectiveness of Multi-component Exercise on Physiological Function Among Older Adults with Diabetes and Hypertension. Meeting of the American College of Sports Medicine, May 30 – June 3, Denver, Colorado.
- Yi, X., Ding, M., Huang, S., Zhang, L., Chen, W., Yi, N., Zhang, P., & Wang, Y. T. (2018). Weight Status, Physical Fitness & Health-related Quality of Life Among Chinese Adolescents. The 2018 Annual Meeting of the American College of Sports Medicine, May 29 – June 2, Minneapolis, Minnesota.
- Yi, X., Gao, D., Gao, Z., Wang, Y. T., Yu, Z., Meng, K., Guo, X., & Yan, J. (2018). Smartphone Application to Home-based Exercise on Psychological Wellbeing and Physical Functioning for Breast Cancer Survivors. Meeting of the American College of Sports Medicine, May 29 – June 2, Minneapolis, Minnesota.

## Reviews

- Rizer, C. A. (2018). Changing the Ownership of Opioid Use Disorder Management. *Journal for Nurse Practitioners: Elsevier*.
- Tseng, B., & Marzilli, C. (2018). Tired of Being Tired After Stroke: Managing Post-Stroke Fatigue. *Open Access Research in Anatomy*.
- Grants
- Deal, Belinda. 2018 Gold-AACN White Coat Ceremony for Nursing, Arnold P. Gold Foundation (August 14, 2018), USD \$1,000.
- Rizer, Carol. INTUNE Supplement: An Academic-Practice Partnership Providing Immersive Clinical Traineeships in Diverse Populations for Primary Care Nurse Practitioners, Health Resources and Services Administration (June 26, 2018), USD \$167,712.



The Ben and Maytee Fisch College of Pharmacy was established in fall 2013 with the mission to advance the public health and wellness of the citizens of East Texas and beyond through innovation and collaboration in pharmacy, education, scholarship and advocacy. In fall 2015, the pioneer class of 82 students was enrolled and the faculty began delivering an integrated curriculum using an innovative pedagogy that emphasizes communication, critical thinking and teamwork. Students embraced the team-based learning method of teaching as it offered greater engagement during class and the opportunity to work in student teams to solve real-world problems. This pioneer class of students will graduate in spring 2019.

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

Two departments are the academic components of the Fisch College of Pharmacy. The Department of Pharmaceutical Sciences, chaired by Dr. Rahmat Talukder, consists of nine faculty members with scholarship interests ranging from novel drug delivery systems to team-based learning through virtual reality. The Department of Clinical Sciences is chaired by Dr. Brad Brazill and consists of 20 faculty members. Areas of practice specialty are varied to meet the needs of the students and patients in East Texas. Scholarship interests include clinical trials design, health literacy, antibiotic stewardship and a host of other topics.

A great amount of energy has been spent on establishing the Fisch College, crafting policies, and developing a creative and impactful curriculum. The faculty have also been active in advancing research and scholarship in the pharmaceutical and clinical sciences. In 2018, the Fisch College of Pharmacy completed construction of over 4,500 square feet of new research space designed for collaborative, interprofessional research. The new research space will augment the ability of our faculty to advance knowledge around drug discovery, disease treatment and other therapeutic approaches to increase health and wellness.

**DR. LANE BRUNNER  
DEAN OF PHARMACY**

## CLINICAL SCIENCES

### Journal Publications

- Cook E, Gill T, Taylor S. (2018). Evaluation of unit equivalency of insulin glargine to insulin detemir in an acute care setting. *J Pharm Technol*.
- Cook E, Sharpton R. (2018, August) Are you REAL-ly Paying Attention? The Importance of Attention Controls. *iForumRx*.
- Cho, J. C. (2018). Antimicrobial stewardship education in United States colleges and schools of pharmacy. *J Antimicrob Chemother*.
- Cho, J. C. (2018). Antimicrobial stewardship in long-term care facilities: an opportunity for intervention. *Ann Longterm Care*.
- Cho, J. C. (2018). Bezlotoxumab for the prevention of *Clostridium difficile* recurrence. *Consult Pharm*.
- Cho, J. C. (2018). Hepelisav-B vaccination for the prevention of hepatitis B infection in adults in the United States. *Drugs Today (Barc)*.
- Cho, J. C. (2018). Letermovir for prophylaxis of cytomegalovirus in allogeneic hematopoietic stem cell recipients. *Drugs Today (Barc)*.
- Cho, J. C. (2018). Return of the tetracyclines: Omadacycline, a novel aminomethylcycline antimicrobial. *Drugs Today (Barc)*.
- Cho, J. C. (2018). What is old is new again: delafloxacin, a modern fluoroquinolone. *Pharmacotherapy*.
- Sharpton R, Yu F, Shoair O. (2019, February) Comparison of Pharmacy Students' Perceptions and Attitudes toward Spirometry First-Hand Experience versus Paper-Based Active Learning. *Curr Pharm Teach Learn*.

### Poster Presentations

- Cho, J. C. (2017, October). Perspectives of new practitioners concerning post-graduate residency application experiences. 2017 American College of Clinical Pharmacy (ACCP) Annual Meeting.
- Cho, J. C. (2017, December). Characteristics of antimicrobial stewardship programs in East Texas. 52nd American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting.
- Cho, J. C. (2017, December). Drug utilization review of the appropriateness of vancomycin therapy in patients with respiratory infections due to suspected MRSA. 52nd American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting.
- Cho, J. C. (2017, December). Gauging patients' perceptions of a pharmacist in a community setting in East Texas. 52nd American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting.
- Cho, J. C. (2017, December). Latinos and law enforcement: an assessment of barriers to medication disposal programs. 52nd American Society of Health-System Pharmacists

- (ASHP) Midyear Clinical Meeting.
- Cho, J. C. (2017, December). Patients' perceptions of influenza vaccine administration in East Texas. 52nd American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting.
- Cho, J. C. (2017, December). Student assessment of a pharmacy residency preparedness elective course. 52nd American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting.
- Cho, J. C. (2018, April). Improving patient safety and preventing pain medication duplications, a pharmacist-led intervention program. Texas Society of Health-System Pharmacists (TSHP) Annual Seminar.
- Cho, J. C. (2018, July). Current status of infectious diseases education at United States Colleges of Pharmacy. American Association of Colleges of Pharmacy (AACP) Pharmacy Education 2018 Conference.
- Takemoto, J. K., Sharpton, R. A., Parmentier, B. L., Merritt, T., Fernandez, R., & Coyne, L. (2018, March). The Use of Virtual Reality for Distance Team-Based Learning. Team-Based Learning Collaborative. San Diego, California: Team-Based Learning Collaborative.

### Presentations

- Cho, J. C. (2017, October). Ceftazidime/avibactam (Avycaz) for the treatment of complicated urinary tract and complicated intra-abdominal infections in adults. East Texas Society of Health-System Pharmacists.
- Cho, J. C. (2018, March). Outpatient antimicrobial stewardship: needs and interventions. Greater East Texas Pharmacists Association.
- Cook E. (2017 October). Statin intolerance: management strategies. Greater East Texas Pharmacist Association.
- Cook E. (2018 February). Beyond statins: additive / alternative lipid lowering therapies. The University of Texas Southwestern Medical Center - Clements University Hospital.
- Cook E. (2018, May). A breath of fresh air: review of inhaler technique. Greater East Texas Pharmacist Association.
- Cook E., Sharpton R. (2018, August) Podcast with Stewart Haines. Are you REAL-ly Paying Attention? The Importance of Attention Controls. *iForumRx*.
- Parmentier, B.L., Wallace, T., Shoair O. (2018, April). Pharmacy students' perception of substance use disorders after elective course. College of Psychiatric and Neurologic Pharmacists Annual Meeting. Indianapolis, IN: College of Psychiatric and Neurologic Pharmacists.
- Sharpton, R., Condren, M., O'Neal, K., Lloyd, A., & McIntosh, H. (2017, October). QTc Interval Monitoring for Chronic Azithromycin Therapy in Patients with Cystic Fibrosis. North American Cystic Fibrosis Conference. Orlando, FL: Cystic Fibrosis Foundation.
- Sharpton R. (2018, February) Wrestling with Restlessness: Addressing Antipsychotic Induced Akathisia. Continuing education the University of Texas Southwestern.

Takemoto, J. K., Yu, F., Brunner, L. J., & Coyne, L. (2017, May). TBL comes to TCU. TBL comes to TCU. Fort Worth, Texas: Texas Christian University.

## PHARMACEUTICAL SCIENCES

### Chapters

Talukder, R. M. (2018). Drug Metabolism. In Medicinal Chemistry for Pharmacy Students. Vol. 1 (pp. 188–280). UAE: Bentham Science.

### Journal Publications

- Abdelaziz, M., & Desai, U. (2018). Novel heparin mimetics reveal cooperativity between exosite 2 and sodium-binding site of thrombin. *Thromb. Res.*, 165, 61–67.
- Arce-Esquivel, A. A., Duke, G., Takemoto, J. K., Rizer, C. A., & Ballard, J. E. (2018). Effects of Light Therapy on Vascular Function in Patients with Diabetic Peripheral Neuropathy. *J Cardiol Vasc Res*, 2(3), 1–6.
- Coyne, L., & Khansari, P. S. (2018). An innovative addition to team-based-learning pedagogy to enhance teaching and learning: Students' perceptions of team exams. *Currents in Pharmacy Teaching and Learning*, 10(1), 90–95.
- Coyne L. Sharpton R. Parmentier B. Takemoto J. Merrit T. (2018, October) Exploring Virtual Reality as a Platform for Distance Team-Based Learning. *Curr Pharm Teach Learn*.
- Deba F., Ali H.I., Tairu A., Ramos K., Ali J., Hamouda A. K.\* (2018) LY2087101 and dFBr share transmembrane binding sites in the  $(\alpha 4)\beta 2$  Nicotinic Acetylcholine Receptor. *Nature Scientific Reports* 8: 1249.
- Geffner, M. E., Patel, K., Jacobson, D. L., Wu, J., Miller, T. L., Hazra, R., Dimeglio, L. A. (2018). Changes in Insulin Sensitivity Over Time and Associated Factors in HIV-Infected Adolescents. *AIDS*.
- Hamouda A. K.\*, Jackson A., Bagdas D., Damaj M. I. (2018) Reversal of Nicotine Withdrawal Signs through Positive Allosteric Modulation of  $\alpha 4\beta 2$  Nicotinic Acetylcholine Receptors in mice. *Nicotine & Tobacco Research* 20, 903-907.
- Pearson, D. N., Niederhoffer, E. C., Cline, S., Osheroff, N., Simmons, J., Diekman, A., ... Dasgupta, S. (2017). Teaching Biochemistry and Genetics to Students of Dentistry, Medicine, and Pharmacy 6th International Conference of the Association of Biochemistry Educators (ABE). *Medical Science Educator*, 27(4), 855–859.

Sherman, E. M., Clauson, K. A., Elrod, S., Eckardt, P.,

- Alkhateeb, F. M., & Jacobs, R. J. (2018). Patient Perceptions of Text Messaging to Improve Antiretroviral Therapy Adherence: A Qualitative Study of Patients in a Ryan White Clinic. *Journal of the International Association of Providers of AIDS Care*, 17(1), 1–8.
- Takemoto, J. K. (2017). Drug Development. Team-Based Learning Collaborative.
- Zhenjian, L., Sujal, P., Lu, Z., Beyhan, S., Abdel Aziz, M., Reilly, C., & Schmidt, E.W. (2018). Onydecalsins, Fungal Polyketides with Anti-Histoplasma and Anti-TRP Activity. *J. Nat. Prod.*

### Poster Presentations

- Deba F., Munoz K., Tairu A., Hamouda AK. (2018) Pharmacological characterization of CMPI interaction with  $(\alpha 4)\beta 2$  Neuronal Nicotinic Acetylcholine Receptors. Society for Neuroscience Annual Meeting.
- Mahmoud A., Hamouda A. K., Sanchez A., Guerrero J., and Jones K. D. (2018) Field and Laboratory Evaluation of Bioretention Bacterial Removal from Urban Stormwater Runoff in South Texas. The 20th Annual Lower Rio Grande Valley Water Quality Management & Planning Conference-UTRGV.
- Munoz K., Deba F., Tairu A., Hamouda A. K. (2018) Agonist-Specific Pharmacological Effects of CMPI and NS9283 at  $(\alpha 4)\beta 2$  Neuronal Nicotinic Acetylcholine Receptors. Biophysical Society.
- So, Y., & Talukder, R. M. (2018, July). Organizational Structures to Promote SoTLin US 4-year Colleges and Universities. AACP Annual Conference. Boston, MA: American Association of Colleges of Pharmacy.
- Standard B., Deba F., Ali H.I., Hamouda A. K. (2018) Synthesis and Pharmacological Characterization of Novel Enhancers of Neuronal Nicotinic Acetylcholine Receptors. The 45th Annual MALTO Meeting-in-Miniature.
- Tairu A., Deba F., Ali H.I., Hamouda A. K. (2018) Pharmacological Characterization of Nicotinic Acetylcholine Receptors Positive Allosteric Modulators. AACP Annual Meeting.
- Takemoto, J. K., Sharpton, R. A., Parmentier, B. L., Merritt, T., Fernandez, R., & Coyne, L. (2018, March). The Use of Virtual Reality for Distance Team-Based Learning. Team-Based Learning Collaborative. San Diego, California: Team-Based Learning Collaborative.

### Grants

- Hamouda, Ayman. Neuronal nicotinic acetylcholine receptors (nAChRs), National Institute of Health (April 1, 2018), USD \$117,263.
- Hamouda, Ayman. University of Texas System Rising STARs Award, UT System Board of Regents (March 2018), USD \$278,000. Hamouda, Ayman. Research Fund, UT Tyler Fisch College of Pharmacy (March 2018), USD \$75,000.
- Hamouda, Ayman. Triads for Transformation, Texas A&M

University (2018), USD \$30,000.

Takemoto, Jody. The RAPsody of Virtual Reality Team-Based Learning, Team Based Learning Collaborative (April 3, 2018), USD \$3,050.



The Soules College of Business offers 10 undergraduate degree programs, five master's degree programs and a Ph.D. to 1,450 undergraduate and 1,120 graduate students. The college has built a reputation as the best business school in the region by providing high quality business education, research that includes the creation of basic, applied and pedagogical knowledge, and service within the represented professional disciplines and the stakeholders of East Texas.

Both undergraduate and graduate students are involved with faculty in research projects that benefit area businesses. Over 60 student research projects involving 675 students were conducted during the 2017-18 academic year.

In addition to the teaching and directing of student research projects, Soules faculty members published 75 peer-reviewed articles, five books, 10 book chapters and 23 proceedings. Faculty members were awarded 21 grants and presented 68 papers at academic conferences.

The Hibbs Institute for Business and Economic Research continues to be a significant participant in the regional outreach of the college through its briefs, newsletters, white papers, and other economic research and economics-related communications to the region. In addition, Hibbs Institute generated over \$100,000 of external monetary support for economic impact and other fee-based economic research studies.

The Center for Family and Small Enterprises continued its outreach activities with area businesses by hosting three education/training events and discussions. The center plans to expand those activities in spring 2019 through partnerships with the Soules College Entrepreneurship and Innovation Institute and the Tyler Innovation Pipeline.

**DR. ROGER LIRELY**  
**DEAN OF BUSINESS**

## COMPUTER SCIENCE

### Journal Publications

- Burns, A. J., Roberts, T. L., Posey, C., Bennett, B. J., & Courtney, J. F. (2017). Intentions to Comply Versus Intentions to Protect: A VIE Theory Approach to Understanding the Influence of Insiders' Awareness of Organizational SETA Efforts. *Decision Sciences*.
- Du, Y. L., & Wu, L. (2017). Connected sensor cover and related problems. *Peer-to-Peer Networking and Applications*, 10(6), 1299–1303.
- Kulkarni, A. D. (2018). Generating Classification Rules from Training Samples. *International Journal of Advanced Computer Science and Applications*, 9(6), 1–6.
- Schumaker, R. P., Labeledz Jr., C., Jarmoszko, A. t., & Brown, L. L. (2017). Prediction from Regional Angst – A Study of NFL Sentiment in Twitter Using Stock Market Charting. *Decision Support Systems*, 98(6), 80–88.
- Subramanian, N. (2017). The Software Deployment Process and Automation. *CrossTalk - The Journal of Defense Software Engineering*, 28–34.
- Tu, J., Wu, L., Yuan, J., & Cui, L. (2017). On the Vertex Cover \$\$\$P\_3\$\$\$ Problem Parameterized by Treewidth. *J. Comb. Optim.*, 34(2), 414–425.

### Poster Presentations

- Danya, M., Schumaker, R. P., Veronin, M., Dixit, R. R., Dhake, P., Elath, H., & Scoggins, A. (2017, November). Standardizing the FDA Adverse Reporting System (FAERS) Database. 52nd National Collegiate Honors Council Annual Conference (NCHC-2017).

### Proceedings Publications

- Elath, H., Dixit, R. R., Schumaker, R. P., & Veronin, M. (2018). Predicting Deadly Drug Combinations through a Machine Learning Approach. In *Pacific Asia Conference on Information Systems (PACIS-2018)*.
- Hull, D. M. (2017). Motivation, Accountability And Self-Regulation In Blended Learning For Management Education. *Academy of Management Proceedings*, 2017(1). doi:10.5465/ambpp.2017.124
- Schumaker, R. P., Veronin, M., Dixit, R., Dhake, P., & Mason, D. (n.d.). Calculating a Severity Score of an Adverse Drug Event Using Machine Learning on the FAERS Database. In *28th Annual Conference of the International Information Management Association (IIMA-2017)*. Glasgow, Scotland.
- Subramanian, N., & Zalewski, J. (2018). Safety and Security Analysis of Control Chains in SCADA Using the NFR Approach. In *15th IFAC Conference on Programmable Devices and Embedded Systems PDeS 2018: Ostrava, Czech Republic, 23–25 May 2018 (Vol. 51, pp. 214–219)*. IFAC Papers Online: Elsevier.

## FINANCE, ACCOUNTING AND BUSINESS LAW

### Journal Publications

- Fischer, M., & Marsh, T. (2017). Special Business Entity Reporting: One Plugged Hole is better than none. *American Journal of Management*, 17(5), 30–38.
- James, H. L., Hsieh, C., & Wu, C. Y. (2017). Board Structure of Immigrant-Founder Firms. *Journal of Multinational Financial Management*, 42-43, 11–23.
- James, H. L., Wang, H., & Xie, Y. (2018). Busy Directors and Firm Performance: Does Firm Location Matter? *North American Journal of Economics and Finance*, 45, 1–37.
- Noe, K., Fischer, M., Marsh, T., & Forgiione, D. (2017). Academic Accounting Salaries in the Southwest; A Revisitation and Exploration. *Journal of Accounting and Finance*, 17(5), forthcoming.
- Wu, C. Y., & Pandey, V. K. (2017). The Growing Nexus Between Fossil Fuels and Agriculture. *Oil, Gas & Energy Quarterly*, LXVI(1), 113–123.
- Wu, C. Y., James, H. L., & Benson, B. (2017). Does CEO ownership affect payout policy? Evidence from using CEO scaled wealth-performance sensitivity. *The Quarterly Review of Economics and Finance*, 65, 328–345.

### Presentations

- Cowart, T. W., Dubre, V., Duke, G., & Bock, G. L. (2018, March). Creating a Community of Engagement and Longevity. Association of Practical and Professional Ethics. Chicago, IL: APPE.
- Cowart, T. W., Duke, G., Bock, G. L., & Dubre, V. (2018, March). Ethical implications of state mandated disposition of fetal remains. Association of Practical and Professional Ethics. Chicago, IL: APPE.
- Cowart, T. W., & Willis, V. F. (2018, August). HIPAA v. GDPR: What Healthcare Organizations Need to Know. Academy of Legal Studies in Business Annual Conference. Portland, Oregon: Academy of Legal Studies in Business.
- Fischer, M. (2017, September). GASB Update. Intermediate Financial Reporting. Columbus, Ohio: NACUBO.
- Fischer, M. (2017, September). Accounting and Reporting for Public Colleges and Universities. Intermediate Financial Reporting. Columbus, Ohio: NACUBO.
- Fischer, M. (2017, September). Public College and Universities Cash Flow Reporting. Intermediate Financial Reporting. Columbus, Ohio: NACUBO.
- Fischer, M. (2017, October). Revenue Recognition, Leases and Financial Instruments. TSCPA Educators' Conference.

Dallas: TSCPA.

Fischer, M. (2017, October). FASB Update. TSCPA Educators' Conference. Dallas: TSCPA.

Fischer, M., & Marsh, T. (2017, October). Audit Delay at the State House. Accounting Education and Research Forum. Texarkana, TX: TAMUT.

Fischer, M., & Marsh, T. (2017, October). Rural Health Care: A Blessing or Financial Curse. Clute Fall Program. Las Vegas, NV: Clute Institute.

Fischer, M. (2017, November). College and University Financial Reporting. SACUBO Fall Workshop. Savannah, GA: Southern Association of College and University Business Officers.

Fischer, M. (2018, January). Accounting and Reporting for Public Colleges and Universities. NACUBO Spring Workshop. Orlando, FL: National Association of College and University Business Officers.

Fischer, M. (2018, January). Public Colleges' Cash Flow Reporting. NACUBO Spring Workshop. Orlando, FL: National Association of College and University Business Officers.

Fischer, M., & Farley, J. (2018, January). New GASB GAAP Guidance. NACUBO Spring Workshop. Orlando, FL: National Association of College and University Business Officers.

Fischer, M. (2018, March). Editors' Panel. SW Decision Science Institute Annual Meeting. New Mexico: SWDSI.

Fischer, M. (2018, March). Mentoring Emerging Research or So You have Finished Your Dissertation. Now What? Southwest American Accounting Association Annual Meeting. New Mexico: American Accounting Association.

Fischer, M., & Holmes, A. (2018, March). Tax Abatement Disclosures. AAA GNP Section Mid-year Meeting. Rhode Island: AAA GNP Section.

Fischer, M., & Marsh, T. (2018, March). Corporate Inversion and Its Impact. American Society of Business and Behavioral Sciences. Las Vegas, NV: ASBBS.

Fischer, M. (2018). Basic Accounting for Public Colleges and Universities. College Business Management Institute.

James, H. L., Wang, H., & Xie, Y. (2017). Busy Directors and Firm Performance: Does Firm Location Matter? South Finance Annual Meeting 2017.

James, H. L., Wang, H., Davidson, T., & Benson, B. (2017, October). Busy Directors and Corporate Payout: Are All Busy Directors the Same? Financial Management Annual Meeting.

James, H. L., & Benson, B. (2017, October). Heterogeneity in the managerial equity incentives on firm value. Financial Management Annual Meeting 2017. Boston.

James, H. L., & Benson, B. (2017, November). CEO fixed effect and inside debt compensation. Southern Finance Association Annual Meeting 2017.

James, H. L., & Borah, N. (2018, March). Does geographic location matter for CEO duality? Southwestern Finance Association Annual Meeting.

James, H. L., & Borah, N. (2018). The effectiveness of

board independence in high-discretion industries. Southwestern Finance Association.

Pandey, V. K., Stiegner, T., & Sutton, N. (2017, October). The Value of Economic Freedom in Cross-Border Mergers. Financial Management Association annual meeting. Boston, MA: Financial Management Association.

### Proceedings Publications

Fischer, M., & Marsh, T. (2018). Local County Hospital: Review of Challenges and Opportunities. In SW American Accounting Association. New Mexico.

Montgomery, C., Fischer, M., & Marsh, T. (2018). California: Why it's not just about water. In SW Decision Science Institute Annual Meeting. New Mexico.

# HUMAN RESOURCE DEVELOPMENT

### Books

Sun, J., Cho, Y., & Ghoshi, R. (2017). Women in Leadership in Asia. New York: Palgrave Macmillan.

### Chapters

Chambers, S., & Nimon, K. (2018). Conducting survey research using MTurk. In Handbook of Research on innovative techniques, trends, and analysis for optimized research methods (pp. 322–340). Hershey, PA: IGI Global.

Marsick, V. J., Watkins, K. E., Ellinger, A. D., & Wofford, M. G. (2018). The evolving Marsick and Watkins (1990) theory of informal and incidental learning. In New directions for adult and continuing education sourcebook entitled, "Update on Informal and Incidental Learning Theory". In New Directions for Adult and Continuing Education. Wiley.

Nimon, K., Zientek, L., & Kraha, A. (2018). Conducting all-possible-subsets for MANOVA and factorial MANOVA: No longer a weekend project. In Handbook of Research on innovative techniques, trends, and analysis for optimized research methods (pp. 258–288). Hershey, PA: IGI Global.

Nimon, K. (2018). Multicollinearity. In The SAGE encyclopedia of educational research, measurement, and evaluation. (p. 1100).

McWhorter, R. R., & Ellinger, A. D. (2018). Qualitative case study research: An initial primer. In Handbook of research on innovative techniques, trends, and analysis for optimized research methods. IGI Global.

### Journal Publications

Anthony-McMann, P., Ellinger, A. D., Astakhova, M., & Halbesleben, J. R. B. (2017). Exploring different operationalizations of employee engagement and their relationships with workplace stress and burnout among IT professionals in community hospitals. Human Resource Development Quarterly.

Berrios, J., & Nimon, K. (2018). metaBUS: A tool for informing HRD theory, research, and practice. New Horizons in Adult Education and Human Resource Development, 30(3), 78–88.

Chuang, S., & Wang, G. G. (2018). Confucian philosophy and influence on perceived values and behavioral orientations by Taiwan's millennials. Human Resource Development International, 21(4), 362–381.

Delello, J. A., Hawley, H., McWhorter, R. R., Gipson, C., & Deal, B. (2018). Gamifying education: Motivation and the implementation of digital badges for use in higher education. International Journal of Web-Based Learning and Teaching Technologies, 13(4). <https://doi.org/10.4018/IJWLTT.2018100102>.

Delello, J. A., McWhorter, R. R., & Marmion, S. L. (2018). Understanding the productivity of faculty members in higher education. International Journal of Management in Education, 12(2), 154–178.

Delello, J. A., McWhorter, R. R., & Goette, W. (2018). College students discover mobile augmented reality with the game Pokémon Go. International Journal of Gaming and Computer-Mediated Simulations 10(3), 1–19.

Holt, S., Hall, A., & Gilley, A. (2018). Essential components of leadership development programs. Journal of Managerial Issues, 30(2).

Joo, B., Zigarmi, D., Nimon, K., & Shuck, B. (2017). Work environment cognition and psychological well-being: The role of cognitive engagement as a partial mediator. The Journal of Applied Behavioral Science, 53, 446–469.

Nimon, K., Berrios, J., Keiffer, G., Mull, M., & Musgrave, J. (2017). Regression as the univariate general linear model: Examining test statistics, p values, effect sizes, and descriptive statistics using R. General Linear Model Journal, 43(1), 50–82.

Nimon, K. (2018). [Editorial]. HRDQ submissions of quantitative research report: Three common comments in decision letters and a checklist. Human Resource Development Quarterly, 28, 281–298.

Rueter, J., McWhorter, R. R., & Delello, J. A. (2018). Decision-making practices of assessment personnel: The choices we make. Assessment for Effective Intervention. <https://doi.org/10.1177/1534508418758370>

Shuck, B., Osam, K., Zigarmi, D., & Nimon, K. (2017). Definitional and conceptual muddling: Identifying the positionality of employee engagement and redefining the construct. Human Resource Development Review, 16, 263–293.

Wang, G. G., Werner, M. J., Sun, J. Y., Gilley, W. J. & Gilley,

A. (2017). Means versus Ends: Theorizing a Definition of Human Resource Development. Personnel Review, 46(6), 1165-1181. DOI: 10.1108/PR-11-2015-0306

Zientek, L., Werner, J., Campuzano, M. V., & Nimon, K. (2018). The use of Google Scholar for research and research dissemination. New Horizons in Adult Education and Human Resource Development, 30, 39–46.

Zigarmi, D., Nimon, K., & Conley, D. (2018). Employee affect- and cognition-based trust in their leader and the implications for employee work intentions: A canonical correlation study. New Horizons in Adult Education and Human Resource Development, 30(3), 23–40.

### Poster Presentations

Lunn, M. L., & Ellinger, A. D. (2018, February). Examining the relationship of CEO leadership behaviors and collective organizational engagement in acute-care hospitals. [Refereed Poster Abstract submission accepted by The Academy of HRD, November, 2017]. The Academy of Human Resource Development.

McBurnett, D., Ellinger, A. D., McWhorter, R., & Vince, R. (2018, February). A meta-ethnographic study of qualitative case studies of planned change: Exploring success and failure factors, and alignment with change models. [Refereed Poster Abstract submission accepted by The Academy of HRD, November, 2017]. The Academy of Human Resource Development.

McClurg, N., Ellinger, A. D., McWhorter, R., & Osman-Gani, Aa. (2018, February). Exploring workplace spirituality in cross-cultural work teams. [Refereed Poster Abstract submission accepted by The Academy of HRD, November, 2017]. The Academy of Human Resource Development.

### Presentations

Adele, B., Ellinger, A. D., & McWhorter, R. R. (2018, June). Exploring managerial coaching dyads and reverse managerial coaching. UFHRD Conference Newcastle, England. Newcastle England: UFHRD.

Hamlin, R. G., Ellinger, A. D., & Jones, J. (2018, Spring). Understanding evidence-based organizational change and development practice: Insights gleaned from culturally diverse "critically reflective case histories." UFHRD Conference Newcastle, England. Newcastle England: UFHRD.

### Proceedings Publications

Adele, B., Ellinger, A. D., & McWhorter, R. (2018). Exploring managerial coaching dyads and reverse managerial coaching. In The 18th International Conference on HRD Research and Practice across Europe (UFHRD 2018).

DuPlessis, J., Ellinger, A. D., & Nimon, K. (2018). Examining the relationships among managerial coaching, job crafting, and job engagement in the skilled trades. In The 18th

International Conference on HRD Research and Practice Across Europe (UFHRD 2018).

Hamlin, R. G., Ellinger, A. D., & Jones, J. (2018). Understanding evidence-based organizational change and development practice: Insights gleaned from culturally diverse "critically reflective case histories. In The 18th International Conference on HRD Research and Practice Across Europe (UFHRD 2018).

Qi, J. (Miracle), Musgrove, C. F., Ellinger, A. E., & Ellinger, A. D. (2017). Frontline employee developmental approaches, engagement, and service climate. In Proceedings of the Society of Marketing Advances. Florida. [Summary Brief]. In The Society of Marketing Advances.



# MANAGEMENT AND MARKETING

## Books

Wooldridge, B. R., & Camp, K. M. (2018). Healthcare Marketing--Strategies for Creating Value in the Patient Experience (p. 260). Cognella, Inc.

## Chapters

Ambort Clark, K.A. (2018). Case Study: Concierge Medicine - A Services Perspective. Healthcare Marketing--Strategies for Creating Value in the Patient Experience (1st ed., pp. 43-47). Cognella, Inc.

Cater, J. J., & Young, M. (2017). New Directions for Brothers and Sisters in Successor Teams in Family Firms. In Handbook on Family Firm Heterogeneity. Palgrave Macmillan.

## Journal Publications

Bushardt, S. C., Young, M., & Bari, A. (2018). Transitioning to Management: Challenges and Opportunities for the Millennial Generation. *Journal of Business Diversity (JBD)*, 20(3).

Bushardt, S. C., Young, M., & Beal, B. D. (2018). Understanding Work Passion: An Important Element in Career Success and Improved Quality of Life. *Journal of Organizational Psychology*, 18(3).

Byun, K.-A., Jones, R. P., & Wooldridge, B. R. (2018). It is not always about brand: Design-driven consumers and their self-expression. *Journal of Retailing and Customer Services*.

Gopalakrishna Remani, V., Brown, J., Shanker, M., & Hu, M. (2018). An Information Supply Chain System View for Managing Rare Infectious Diseases: The Need to Improve Timeliness. *Information & Management*, 55(2).

Gopalakrishna Remani, V., Jones, R. P., & Camp, K. M. (2018). Levels of EMR Adoption in US Hospitals: An Empirical Examination of Absorptive Capacity, Institutional Pressures, Top Management Beliefs, and Participation. *Information Systems Frontiers*, 1(20).

Gopalakrishna Remani, V., & Sroufe, R. (2018). Management, Social Sustainability, Reputation, and Financial Performance Relationships: An Empirical Examination of US Firms. *Organization & Environment*.

Hong, J., & Byun, K.-A. (2018). Communicating design innovativeness: The role of design cue presentation in attracting consumers of different thinking styles. *Journal of Marketing Communications*.

Rai, D., Lin, C., Hong, J. (Jenny), & Kulick, G. (2017). The Influence of Relationship Beliefs on Gift Giving. *Management & Marketing*.

Salles, J. R., Wood Jr, T., & Caldas, M. P. (2018). O desafio da

mudança cultural. *GV-Executivo*, 17(3), 41–43.

Swimberghe, K. R., Wooldridge, B. R., & Astakhova, M. (2017). Actual and Ideal-Self Congruence and Dual Brand Passion. *Journal of Consumer Marketing*, 34(7).

Swimberghe, K. R., Darrat, M., Beal, B. D., & Astakhova, M. (2018). Examining a psychological sense of brand community in elderly consumers. *Journal of Business Research*, 82, 171–178.

Wood Jr, T., Caldas, M. P., & Souza, R. (2018). Aproximando gregos e troianos [Bringing Greeks and Trojans closer together] *GV-executivo*, 17(2): p. 12-15, March-April, 2018. *Gv Executivo (ISSN 1806-8979)*, 17(2), 12–15.

Yang, J. (2017). Power Makes Voice: Political Capital and Corporate Voice in China. *The Journal of Applied Management & Entrepreneurship*, 22, 22(3), 54–69.

Young, M., & Cater, J. (2017). Exploring Success Factors for Women in Family Firms. *Southern Journal of Business and Ethics*, 9, 167–178.

Zhao, H., Ma, J., & Yang, J. (2017). A Meta Review of Entry Mode and Performance. *Management International Review*.

## Other Teaching Materials

James, K. (2017). Professional Development Seminar and Certificate Program: Teaching Digital Marketing. Academy of Marketing Science.

## Presentations

Beal, B. D. (2018, February). Management scholars, income inequality and public policy: A case of academic irrelevance or (unwitting) complicity? Public lecture given at Swinburne University of Technology, supported by the Swinburne Visiting Fellowships Scheme, Faculty of Business and Law, and the Department of Management and Marketing, Melbourne, Australia, February 9, 2018.

Beal, B. D., MacMillan, K. T., Schnarr, K., & Woodwark, M. J. (2018, Summer). How to help your students to write a great case. Presented at the Academy of Management 2018 Annual Meeting, Teaching & Learning Conference (one-day mini-conference, Sunday, August 12th), Chicago, IL, August 10-14, 2018.

Bushardt, S. C., Young, M., & Bari, A. (2017, Autumn). Transitioning to Management: Challenges and Opportunities for Millennials. Decision Sciences Institute (DSI). Washington D.C.

Byun, K.-A., Dass, M., & Friske, W. (2018, June). Green Means Go! The Role of CSR Appeals in Product Recalls of Private Label Brands. INFORMS Marketing Science Conference. Philadelphia, PA.

Byun, K.-A., & Dass, M. (2018, Winter). The Effects of Different Levels of Price Promotion Strategy on Post-recall Brand Sales. American Marketing Association (AMA) Winter 2018. New Orleans, LA: American Marketing Association (AMA).

Caldas, M. P., Bullara, R., Wood Jr., T., & Samartini, A. (2018, August). Testing the influence of individual-level competency proficiency on unit-level performance. *Academy of Management 2018*. Online, AoM Annual Conference Abstracts & Proceedings.

Cater, J., & Young, M. (2018, January). *New Directions for Brothers and Sisters in Successor Teams in Family Firms*. U.S. Association for Small Business and Entrepreneurship (USASBE). Los Angeles, CA: United States Association for Small Business and Entrepreneurship (USASBE).

Cater, J., James, K., Camp, K. M., & Kidwell, R. (2018, Spring). Familial or structured? The impact of culture on the human resource practices of Hispanic and non-Hispanic family firms. *United States Association for Small Business and Entrepreneurship Conference*. California: United States Association for Small Business and Entrepreneurship.

Gopalakrishna Remani, V., Jones, R. P., & Byun, K.-A. (2018, Spring). Examining the Influence of Sustainability Management and the Moderating Effect of Top Management Participation and Beliefs on Level of Environmental Sustainability Adoption and Firm Environmental Performance. *SWDSI*.

H, O. B. K., S, C., & Beal, B. D. (2018). A case study of rural school choice: A view from the byway. Roundtable presented at the annual meeting of the American Educational Research Association (AERA), New York City, NY, April 13-17, 2018.

Hong, J. (Jenny), & Byun, K.-A. (2018, February). Investing for the Future of the Poor and Myself: The Effects of Cultural Difference and Future Orientation of Lenders on Prosocial Microfinance. *American Marketing Associations*. New Orleans.

Jackson, S. L., Gopalakrishna Remani, V., & Napier, R. (2017, Autumn). Supplier Impact on Firm Environmental Performance. *Decision Sciences Institute (DSI) Annual Conference*. Washington DC: DSI.

Kulangara, N., Reyes, P., & Jackson, S. L. (2017, Autumn). Application of Green SCOR Technique in the Manufacturing Industry: Connecting Theory and Practice. *Decision Sciences Institute Annual Conference*. Washington DC: DSI.

Schnarr, K., Woodwark, M. J., & Beal, B. D. (2018, Summer). Creating and teaching with live business cases. Presented presented at the Academy of Management 2018 Annual Meeting, Teaching & Learning Conference (one-day mini-conference, Sunday, August 12th), Chicago, IL, August 10-14, 2018.

Souza, R., Wood Jr., T., & Caldas, M. P. (2018, August). Looking for Social Relevance: The Saga of Knowledge Production Models in Management Research. *Academy of Management 2018*. Online, AoM Annual Conference Abstracts & Proceedings.

Young, M., & Cater, J. J. (2017, November). The Effect and Influence of the Millennial Generation in the Family Business. *Decision Sciences Institute (DSI)*. Washington D.C.

Young, M., & Cater, J. (2017, November). UTILIZING ASSISTANCE AND NETWORKING: TOOLS FOR WOMEN IN FAMILY BUSINESSES. *Decision Sciences Institute (DSI)*. Washington D.C.

Young, M., & Cater, J. (2018, January). *Millennial Members in Family Businesses: Characteristics for Managerial Effectiveness*. Los Angeles, CA: U.S. Association Small Business for Small Business & Entrepreneurship (USASBE) and California State University--Northridge.

### Proceedings Publications

Beal, B. D. (2017). Income inequality and management theory: Systemic considerations and causal paths. In *Academy of Management Proceedings, 2017*, Atlanta, GA.

Byun, K.-A., & Dass, M. (2018). The Effects of Different Levels of Price Promotion Strategy on Post-recall Brand Sales. In *American Marketing Association (AMA) Winter 2018*.

Cater, J., & Young, M. (2018). How Women's Leadership Roles Affect Their Leadership Styles in Family Firms. In *U.S. Association for Small Business and Entrepreneurship (USASBE)*.

Gopalakrishna Remani, V., Jackson, S. L., & Napier, R. (2017). Supplier impact on firm environmental performance. In *Proceedings of National DSI 2017 Conference*.

Gopalakrishna Remani, V., Jones, R. P., & Byun, K.-A. (2018). Examining the influence of sustainability management and the moderating effect of top management beliefs and participation on level of environmental sustainability adoption and firm environmental performance. In *Proceedings of 2018 SWDSI Conference*.

Gopalakrishna Remani, V., & Sroufe, R. (2018). Top Management's Influence on Social Sustainability and Performance. In *Proceedings of 2018 POMS Annual Conference*.

Hong, J. (Jenny), & Byun, K.-A. (2017). Holistic Thinking and Attitude toward Innovative Design: Role of Information Presentation. In *AMS Conference*.

Hong, J. (Jenny), & Byun, K.-A. (Kay). (2018). Investing for the Future of the Poor and Myself: The Effects of Cultural Difference and Future Orientation of Lenders on Prosocial Microfinance. In *American Marketing Association (AMA) Winter 2018*.

Mesak, H. I., Bari, A., & Blackstock, R. (2017). Dynamic marketing-mix policies for subscription services: some theoretical and empirical results. In *48th Annual Meeting of the Decision Sciences Institute*. Washington D.C., USA.

## TECHNOLOGY

### Books

Miller, R., & Miller, M. R. (2018). *HVAC Licensing Study Guide* (p. 420). New York, NY: McGraw-Hill.

Miller, R., & Miller, M. R. (2018). *Plumbing: Licensing Exams Study Guide* (p. 250). Homewood, IL: American Technical Publishers.

### Journal Publications

Ali, M. Gutting, B.W., & van-Hoek, M.L. (2017). Multiple path particle dosimetry for prediction of mouse lung deposition of nanoaerosol particles. *International Journal of Advanced Research in Engineering and Technology*, 8(4), 10-20.

Fazarro, D. E., & Sayes, C. (2018). Students' perception of learning experience of risk management for nanoscaled materials. *Journal of Technology, Management, and Applied Engineering*.

### Presentations

Ali, M. (2017, November). Automatic identification data capture towards robust material handling: a key learning pedagogy for warehousing class. *ATMAE Annual Meeting 2017*.

Miller, M. R., & Lawrence, H. (2017, November). Does Offering Certifications Assist in the Recruitment of Undergraduate Majors? *2017 Association of Technology, Management, and Applied Engineering National Conference*. Cincinnati, OH.

Mosley, I., & Fazarro, D. E. (2017, November). Putting military skills to good use: Veterans in STEM. *50th Association of Technology, Management, and Applied Engineering (ATMAE) Conference*. Cincinnati, OH.

