## Faculty Senate Report – April 2018

#### **Outstanding Faculty Accomplishments**

## **NELSON RUSCHE COLLEGE OF BUSINESS**

Dr. Tim Bisping, Dean

## BUSINESS COMMUNCATIONS AND LEGAL STUDIES

**Laurie S. Rogers, Visiting Assistant Professor,** was selected as the College nominee for the Faculty Senate Teaching Excellence Award.

## MANAGEMENT AND MARKETING

Marlene Kahla, Professor, is the sponsor of the SFA Chapter of the American Marketing Association. Four members of the team competed in the Strategic Market Challenge at the Internation AMA Collegiate Conference in New Orleans. Dr. Kahla, along with **Seth Bradshaw**, Assistant Professor Mass Communications and Peter Andrew, Professor of Art coached a team of students on a project for the National Student Advertising Competition sponsored by the American Advertising Federation. They presented their project on April 15 in Corpus Christi.

**Rajat Mishra, Assistant Professor,** was appointed Editor of the *Modern Project Management Journal*. Dr. Mishra also serves on the editorial review boards for the *International Journal of Business and Management, The Modern Management Science Journal, and Business Quest: A Journal of Applied Topics in Business and Economics.* 

#### JAMES I. PERKINS COLLEGE OF EDUCATION Dr. Judy Abbott, Dean

#### **DEPARTMENT OF ELEMENTARY EDUCATION**

Adam Akerson, Assistant Professor, was the department recipient of the Teaching Excellence Award.

**Lauren Burrow, Assistant Professor,** participated in the International Day of Women Teach In. Her topic was *Intersectional Feminism: WHO are we Marching for?*.

**Jim Ewing, Assistant Professor,** was selected to serve as an educational consultant by Eric Jensen, one of the top education professionals in the country. Dr. Ewing also published an article titled *Considering ELLs When Planning Lessons*, in the Ohio Journal of School Mathematics.

**Steven Josephsen, Assistant Professor,** was invited to complete a peer review of a textbook under development by Cognella Publications.

**Pamela Vaughn, Assistant Professor,** received the AARC award for outstanding promotion of the Online Writing Lab.

## **DEPARTMENT OF HUMAN SERVICES**

**Jillian Dawes, Assistant Professor,** gave two presentations at the annual conference for the National Association of School Psychologists. The titles were *How to Deliver Effective Feedback to Improve Treatment* and *The Accuracy of Brief Experimental Analysis: Implications for Applied Use.* 

**Jennifer Perry, Clinical Instructor,** presented at the Southwest Educational Research Association Conference in New Orleans. The title of her presentation was *Toward Identifying Teachers' Percpetions of Bias in Texas School Disciplinary Practices*.

#### **Raul Prezas, Associate Professor**

#### **PUBLICATIONS**

- **Prezas, R. F.**, & Shockley, P. R. (2018, March). Honoring all perspectives in ethical challenges: A practical method for preserving human dignity in culturally and linguistically diverse cases. *Communicologist*, 45(2), retrieved from <a href="http://www.txsha.org">http://www.txsha.org</a>.
- **Prezas, R.** (2018, February). Making the right dialectal considerations during assessment: Have we reached a turning point? *Communicologist*, 45(1), retrieved from <u>http://www.txsha.org</u>.

#### PRESENTATIONS

- Prezas, R. F., & Hodson, B. W. (2018, March). Phonological assessment and treatment of bilingual Spanish-English children with highly unintelligible speech. Invited Seminar Presentation at the Ohio Speech-Language-Hearing Association Convention, Columbus, OH.
- Hodson, B. W., & Prezas, R. F. (2018, March). Evaluating and enhancing children's phonological systems: Expediting intelligibility gains. Invited Seminar Presentation at the Ohio Speech-Language-Hearing Association Convention, Columbus, OH.
- **Prezas, R. F.** (2018, March). A phonological remediation approach for bilingual children with highly unintelligible speech. Poster presentation at the annual Symposium on Arts and Research, Nacogdoches, TX.
- **Prezas, R. F.,** & Palafox, P. L. (2018, February). Serving our diverse populations: Difference versus disorder. Invited Seminar presentation at the annual San Antonio Speech-Language-Hearing Association Convention, San Antonio, TX.

Prezas, R. F., & Palafox, P. L. (2018, February). Serving our diverse populations: Clinical implications and scenarios. Invited Seminar presentation at the annual San Antonio Speech-Language-Hearing Association Convention, San Antonio, TX.

**Kathy Sheriff, Assistant Professor,** won the Teaching Excellence Award for the Department of Human Services.

**Le'Ann Solmonson, Professor,** participated in the International Day of Women Teach In. Her topic was *Microaggressions; The Subtle (and Not so Subtle) Messages that Reveal Bias.* Dr. Solmonson gave the keynote addresss at the Colin College School Counseling Conference in Frisco, Texas on April 5, 2018.

Le'Ann Solmonson and Suzanne Maniss, Associate Professor, had a paper accepted for presentation at the Benjamin Cohen Peace Conference at Ball State University. The paper was title *Empathy as the Framework for Social Justice Advocacy*.

**Solmonson, L.**, Kessel, S., & Wines, L. (2018). *Practical strategies for innovative school counseling programs: The 5<sup>th</sup> ed. of the Texas Model Guide for Comprehensive School Counseling Programs.* Texas School Counseling Conference, Galveston, Texas, February 20, 2018.

**Solmonson, L.**, & Wines, L. (2018). *Designing effective school counseling program: The* 5<sup>th</sup> ed. of the Texas Model Guide for Comprehensive School Counseling Programs. Texas School Counseling Conference, Galveston, Texas, February 20, 2018.

# **DEPARTMENT OF KINESIOLOGY & HEALTH SCIENCE**

**Devin Holding, Adjunct Faculty,** did a Poster Presentation, "Cardiorespiratory Fitness Is Associated with Ambulatory Blood Pressure in Adolescents" American Heart Association/American Stroke Association, 2018 Scientific Sessions, Epidemiology and Prevention and Lifestyle and Cardiometabolic Health, Annual Meeting. New Orleans, Louisiana, March 22, 2018

**Todd Whitehead, Associate Professor,** was the department recipient of the Teaching Excellence Award.

# SCHOOL OF HUMAN SCIENCES

**Darla O'Dwyer, Associate Professor,** was the department recipient of the Teaching Excellence Award.

**Chef Todd Barrios, Clinical Instructor,** was selected as the department nominee and University recipiente of the Faculty Senate Teaching Excellence Award.

**Chay Runnels, Associate Professor,** participated in the International Day of Women Teach In. Her topic was *Chefs on the Hot Seat: How the #metoo Movement has Shaken Up the Culinary Community.* 

#### Flora Farago, Assistant Professor

#### Refereed Conference Poster Presentations \*denotes student co-authors

Khaleghi, N.\*, Sanchez, E.\*, Miranda, J.\*, Jackson, M.\*, Taylor, P.\*, Cloudy, A.\*, Brown, J.\*, **Farago, F.**, Savoy, S. (2018, April). *Gender atypicality and appearance stereotypes in 6-10 year-old girls*. Presented at the Southwestern Psychological Association annual convention, Houston, TX.

Khaleghi, N.\*, Sanchez, E.,\* Thompson, J.\*, Miranda, J.\*, Paz, H.\*, Magana, Y.\*, Dial, B.\*, **Farago**, **F**., Savoy, S. (2018, April). *Gender atypicality, felt pressure to conform, and body image in 6-10 year-old girls*. Presented at the Southwestern Psychological Association annual convention, Houston, TX.

Khaleghi, N.\*, Savoy, S., & **Farago**, **F.** *Self-perceived gender typicality and appearancefocused beliefs in 6- to 10-year-old girls*. Presented at the Society for Personality and Social Psychology annual convention, Atlanta, GA.

#### **Invited Talks**

**Farago, F.** (2018, February). *How we instill bias in children and what we can do about it?* Presented at the Texas Peace Summit at the University of Tyler, Tyler, TX.

#### **Community Presentations**

**Farago**, **F.** (2018, February). *Free to be you and me: Freeing children of gender stereotypes*. Presented at the Unitarian Universalist Fellowship of Longview, Longview, TX.

**Farago, F.** (2018, February). *Raising race-conscious children: Busting the myth of colorblindness*. Presented at the Unitarian Universalist Fellowship of Tyler, Tyler, TX.

#### Hyunsook Kang, Assistant Professor, completed several presentations.

- The Office of Multicultural Affairs Annual Diversity Conference: Feb.9<sup>th</sup> Title: Ethnicity: Different World of Life
- Symposium on Arts and Research: March 27<sup>th.</sup> Title: Influence of Older Adults' Income on the Quality and Size of Friend
- American Association Family Consumer Sciences Texas Affiliation Title: Ethnicity and Family Relations March 22<sup>nd</sup>

Western Social Sciences Association: April 5<sup>th</sup> Title: Elderly widow's Social Participation

Burke: Mission Possible Conference: March 7th

## DEPARTMENT OF SECONDARY EDUCATION AND EDUCATIONAL LEADERSHIP

Scott Bailey, Associate Professor, was the College recipient of the Teaching Excellence Award.

**Karen Embry Jenlink, Professor**, recently convened the 98th annual meeting of the Association of Teacher Educators in Las Vegas, NV. As ATE president, Dr. Embry-Jenlink announced her appointment and launch of the ATE / NASA Education joint commission on *STEM Education in the Future*. The three-year national commission will address critical needs in advocacy, research, and funding for quality STEM educator preparation. Established in 1920, the Association of Teacher Educators represents over 700 colleges and universities and over 500 school systems devoted to the improvement of teacher education within the US.

Heather Olson Beal, Associate Professor, Brent Beal, UT Tyler faculty member, and Paul Sandul, Associate Professor of History, published a paper "The Professoriate, Trumps' Travel Ban and Embodied Activism" in *Academe*, the American Association of University Professors journal. Dr. Olson Beal organized the Second Annual Teach-In in honor of International Women's Day. The event featured 20 women presenting topics related to women's issues. The presenters included SFA Faculty and Staff and community members.

#### **National Peer-Reviewed Presentations**

- **Olson Beal, H. K.,** Cox, S., & Beal, B. D. (2018, April). *A case study of rural school choice: A view from the byway*. Roundtable presented at the annual meeting of the American Educational Research Association, New York City, NY.
- **Burrow, L., Cross, C.**, Smith, S., & **Olson Beal, H. K**. (2018, April). *Using arts-based research and friendship methodology to embrace our "Motherscholar" identities*. Paper presented at the annual meeting of the American Educational Research Association, New York City, NY.
- **Olson Beal, H. K., Cross, C., and Burrow, L**. (2018, April). *Empowering and inspiring students to write critically through a free community youth writing workshop.* Roundtable presented at the annual meeting of the American Educational Research Association, New York City, NY.

Linda Black, Professor, participated in the International Day of Women Teach In. Her topic was *Where are the Women?: Studying Issues of Gender Equity in History Textbooks*.

Amanda Rudolph, Professor, participated in the International Day of Women Teach In. Her topic was *Women and Giftedness*.

#### **COLLEGE OF FINE ARTS**

Dr. A.C. "Buddy" Himes, Dean

#### SCHOOL OF ART

**Jill Carrington, Professor,** delivered an invited lecture "Erudition, Status and Salvation in Professor Tombs of the Renaissance" in the fifth series of scholarly talks, "The Sacred and the Profane: A Continuous Series in the History of Art," at St. Michael's Catholic Middle School, Houston. Dr. Carrington also submitted essay for the Gallery Guide and thirteen detailed wall labels for the exhibition "Shaun Roberts: Rebels and Renegades" on view March 17-June 3 at the Art Museum of Southeast Texas, Beaumont. **Shaun Roberts is Assistant Professor of Painting** at SFA.

**Candace Hicks, Assistant Professor,** has artwork exhibited at the Manhattan Fine Press Book Fair, the Art Libraries Society of America, NYC, and the Bainbridge Museum of Art, WA.

## SCHOOL OF MUSIC

**Mario Ajero, Professor**, presented in three sessions at the 2018 Music Teachers National Association National Conference at Disney's Coronado Springs Resort in Lake Buena Vista, Florida. Dr. Ajero was a member of a panel discussion titled "Advice From The Other Side: Tips From Faculty Search Committee Members," which was aimed at giving college students and young professionals perspective of what college search committees look for in candidates for prospective faculty member positions. His second session, "All for One, One for All," shared strategies for teaching piano students of varying skills in a group setting. His final session was a showcase sponsored by the Yamaha Corporation of America titled "Beyond The Keys: Creative Pathways To 21st-Century Teaching And Artistry." Ajero demonstrated various ways he enhances piano instruction with keyboard technology for students at SFA.

**Tod Fish, Associate Director of Choral Activities,** presented a session on choral rehearsal techniques at the Texas Music Educators Conference in San Antonio. The session was entitled *No Time to Think: Strategies for Efficient Rehearsals.* Dr. Fish also did a poster presentation for the Symposium of Arts and Research. The presentation was entitled *Once in a While the Moon Turns Blue: The Collaborations of Benjamin Britten and W. H. Auden.* 

On January 29-31, The SFA Brass: **Dr. Jake Walburn**, trumpet; **Dr. Gary Wurtz**, trumpet; **Dr. Charles Gavin**, horn; **Dr. Deb Scott**, trombone; **Dr. J.D. Salas**, tuba, completed a performing tour of six high schools in the DFW Metroplex. The group played for and represented the SFA brand to approximately 400 high school students.

#### SCHOOL OF THEATRE

**Inga Meier, Assistant Professor,** was the College recipient of the Teaching Excellence Award. Dr. Meier also had a conference presentation: *The Terror of the White Canvas:* "*Sarah Kane's <u>Blasted</u> and the Politics of Future Past* presented at the 39<sup>th</sup> Mid-America Theatre Conference (MATC): "Spin" (Theatre History Symposium) – Milwaukee, WI, March 15-18, 2018

## ARTHUR TEMPLE COLLEGE OF FORESTRY AND AGRICULTURE

Dr. Hans Williams, Dean

## **DEPARTMENT OF AGRICULTURE**

**Franta Majs, Assistant Professor and Director, Soil, Plant, and Water Analysis Laboratory**, had a manuscript accepted for publication.

Qiu, C, **F Majs**, PJ Eng, JE Stubbs, TA Douglas, M Schmidt, TP Trainor. 2018. In situ Structural Study of the Surface Complexation of Pb(II) on the Chemically Mechanically Polished Hematite (11<sup>-</sup>02) Surface. Journal of Colloid and Interface Science.

#### **DEPARTMENT OF FORESTRY**

**Shelby Laird, Assistant Professor,** published a paper entitled *Parents' and Early Childhood Educators' Attitudes and Practices in Relation to Children's Outdoor Risky Play.* The paper appeared in The Early Childhood Education Journal. She also presented at the International Day of Women Teach In. Her topic was *What Does Imposter Syndrome have to do with Women Outdoors?* 

Jeremy Stovall, Associate Professor, was the College recipient of the Teaching Excellence Award.

## COLLEGE OF LIBERAL AND APPLIED ARTS

Dr. Brian Murphy, Dean

## **DEPARTMENT OF ANTHROPOLOGY, GEOGRAPHY, AND SOCIOLOGY**

#### **Dianne Dentice, Associate Professor**

**Dentice, Dianne**. March 2, 2018. Faculty sponsor for Taryn Lenert who presented a poster at the Annual Regional Student Scholars Forum in Shreveport, LA.

**Dentice, Dianne**. March 10, 2018. "The Synagogue of Satan: A Case Study in Anti-Semitism." Proceedings for the Southwest Commission on Religious Studies Annual Meeting.

**Dentice, Dianne**. March 23, 2018. Faculty sponsor for student panel discussion titled "Gender at the intersection of media, politics, and sociology, Women's and Gender Studies Annual Symposium.

*Exhibitor, SOAR* (March 27, 2018): A Comparative Analysis of Face to Face and Online Learning in Race Relations Classes at SFA with Janet Kamps and "So much for Darwin": An Analysis of Stormfront Discussions on Race.

## **DEPARTMENT OF ENGLISH AND CREATIVE WRITING**

**Kevin West, Associate Professor,** was selected for the Renascence's Joseph M. Schwartz Award for Best Essay for Tokens of Sin, Badges of Honor: Julian of Norwich and *Sir Gawain and the Green Knight. Renascence: Essays on Values in Literature* 69.1 (2017): 3–16.

## **DEPARTMENT OF GOVERNMENT**

**Steve Galatas, Associate Professor**, was the recipient of the College of Liberal and Applied Arts Teaching Excellence Award.

# **DEPARTMENT OF MASS COMMUNICATION**

**Bailey Thompson, Assistant Professor,** participated in the International Day of Women Teach In. Her topic was *Sexual Assault within the Greek Community*.

## **DEPARTMENT OF MULTIDISCIPLINARY STUDIES**

**Anne Smith, Professor, and Owen Smith, Professor of Philosophy and Classical Studies,** cotranslated a French graphic novel that was published in September 2017. The book was recently selected by Kirkus Review as one of the best books in 2017.

## Paul Shockley, Lecturer

## PUBLICATION:

Prezas, R. F., & **Shockley, P. R.** (2018, March). "Honoring all perspectives in ethical challenges: A practical method for preserving human dignity in culturally and linguistically diverse cases." *Communicologist*, 45(2), retrieved from <u>http://www.txsha.org.</u>

#### PRESENTATIONS:

**Shockley, P. R.** (2018, March). "Aesthetic Value of the Arts in Everyday living." Oyster Creek Rotary Club in Greater Missouri City, Texas/Stafford, Texas.

**Shockley, P. R.** (2018, March). "Worship as Experience: An Inquiry on John Dewey's Aesthetics, the Community, and the Local Church." Poster presentation at the annual Symposium on Arts and Research, Nacogdoches, TX.

**Shockley, P. R.** (2018, April). "The Ethics of Beekeeping." Oyster Creek Rotary Club in Greater Missouri City, Texas/Stafford, Texas.

# **DEPARTMENT OF LANGUAGES, CULTURES, AND COMMUNICATION**

**Sudeshna Roy, Associate Professor**, was invited by the Diederich College of Communication, Marquette University, Milwaukee, on March 22, 2018, to present a public lecture on her research about Syrian refugee representation in Middle East media. Her talk was titled *Identities in Crisis: Public Opinion and Politics of Representation of Refugees in Middle East Media.* 

Louise Stoehr, Associate Professor and Fatima Cordeiro-Dutra, Research Associate in the Center for Regional Heritage Research, had a paper accepted for publication in the International Jounal of Linguistics and Literature published by the Federal University of Uberlandia, MG, Brazil. The paper is entitled *Social Injustice in Arundhati Roy's "The God of Small Things" as a Reflection of Social Injustice in the Twenty-First Century.* Linda Levitt, Assistant Professor, participated in the International Day of Women Teach In. Her topic was *Women Working on Television: Profiling the Professionals.* 

# **DEPARTMENT OF POLITICAL SCIENCE**

**Steve Galatas, Associate Professor,** was the College recipient of the Teaching Excellence Award.

# **DEPARTMENT OF PSYCHOLOGY**

**Lauren Brewer, Assistant Professor,** coordinated a national conference on the teaching of Psychology in Atlanta, GA.

Lauren Brewer, Assistant Professor and Kyle Conlon, Assistant Professor, along with three former graduate students, had a manuscript accepted for publication in the Journal of Ethics and Behavior. The paper was titled *Uninformed Consent? The Effect of Participant Characteristics and Delivery Format on Informed Consent.* 

# SCHOOL OF SOCIAL WORK

**Marcus Benoit, Adjunct Faculty**, was nominated for the Houston Business Journal's 2018 40 Under 40 Awards recognizing the brightest young business people who contribute to their field in an impressive way.

**Ann Wilder, Assistant Professor,** participated in the International Day of Women Teach In. Her topic was *The Role of Mothering and Grandmothering in Society: A Feminist Perspective on Balancing Roles in Career, Family, and Inter-Generational Kinship.*.

# COLLEGE OF SCIENCES AND MATHEMATICS

Dr. Kimberly Childs, Dean

# **DEPARTMENT OF BIOLOGY**

**Sarah Canterberry, Associate Professor**, received the Teaching Excellence Award for the Department and for the College of Sciences and Mathematics.

**Alexandra Van Kley, Professor**, received the Best Paper award at the 6<sup>th</sup> Annual International Conference for Chemistry, Chemical Engineering, and Chemical Process. Her paper was entitled *Catalytic Activities of Pyrococcus horikoshii Mutant Endoglucanase*.

**Kevin Langford, Associate Professor**, was chosen as the interviewer for the next Arch McDonald Speaker's Series presentation.

**Dennis Gravatt, Associate Professor, and Dawn Stover, Research Associate in the Department of Forestry,** are collaborating on a joint project with the City of Nacogdoches to establish a prairie on the city owned strip of land along Lanana Creek (approximately 45 acres). The area is north of Kroger on University and goes all the way to the loop. This project is part of the Cities Parks Plan and we have been working with them for the past year. This will be an opportunity to service learning projects ans will attract pollinators like bees, monarch butterflies and birds. This area will also be used for community education including public schools, birding and wildlife groups as well as SFA student projects. The Pineywoods Audubon Society has already express interest in providing funds. Additional funding sources are being pursued and a great deal of interest by several local groups has already been expressed.

Jennifer Gumm, Assistant Professor, participated in the International Day of Women Teach In. Her topic was *What Fish Can Tell Us About Gender Roles*.

# **DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY**

**Xiaozhen (Jenny) Han, Assistant Professor,** published *Mechanistic Investigations of Photoinduced Oxygenation of Ru(II) Bis-bipyridyl Flavonate Complexes* in Inorganic Chemistry.

**Michael Janusa, Professor and Chair,** and his undergraduates presented posters at the American Chemical Society East Texas Local Section Conference at LeTourneau University and the Women in STEM Luncheon at SFA. The posters topics were *Study of Bacterial Species Present in LaNana Creek within the Nacogdoches Area* and *Determination of Selcted Metals for LaNana Creek Water and Soil Samples within the Nacogdoches Area*.

## **DEPARTMENT OF COMPUTER SCIENCE**

**Elizabeth Hutchinson, Lecturer,** along with computer science students Jordan Barge, Ariel Inman, and Tenay Barker have spent the spring semester volunteering as mentors with the Girls Who Code program at Nacogdoches Public Library. Their participation in the Girls Who Code program was featured in The Daily Sentinel, The Pine Log, SFA News, and on social media

#### **DEPARTMENT OF GEOLOGY**

**Kevin Stafford, Associate Professor,** was co-editor for a book for the Texas Speleological Survey. The book featured four chapters by SFA Geology faculty.

**Stafford, K.W**. and Veni, G. (eds), 2018. Hypogene Karst of Texas: Monograph 3. Texas Speleological Survey, Austin, Texas, 122

**Faulkner, M.S.** and Bryant, A.W., 2018. Hypogene karst of the Lampasas Cut Plain. In Stafford, K.W. and Veni, G. (eds), 2018. Hypogene Karst of Texas: Monograph 3. Texas Speleological Survey, Austin, Texas, p. 86-98.

**Stafford, K.W.** and **Brown, W.A.**, 2018. Karst of the Paleozoic aquifer system: Llano Region, Texas. In Stafford, K.W. and Veni, G. (eds), 2018. Hypogene Karst of Texas: Monograph 3. Texas Speleological Survey, Austin, Texas, p. 99-110.

**Stafford, K.W**. and Byrd, B., 2018. Karst of the Stockton Plateau: West Texas. In Stafford, K.W. and Veni, G. (eds), 2018. Hypogene Karst of Texas: Monograph 3. Texas Speleological Survey, Austin, Texas, p. 351-63.

**Stafford, K.W.** and Nance, R.G., 2018. Evaporite karst of West Texas: Delaware Basin. In Stafford, K.W. and Veni, G. (eds), 2018. Hypogene Karst of Texas: Monograph 3. Texas Speleological Survey, Austin, Texas, p. 36-50.

Students and faculty from the department presented at the annual meeting of the South Central Geological Society of America in Little Rock, Arkansas.

**Faulkner, M.S.** and **Stafford, K.W.**, 2018. Structural control of relict karst features in the Owl Mountain Province, Fort Hood Military Installation, Texas. Geological Society of America Abstracts with Programs, V. 50, no. 1, doi. 10.1130/abs/2018SC-310194.

**O'Shay, L.** and **Stafford, K.W.**, 2018. The characterization of gypsic soil in Culberson County, Texas. Geological Society of America Abstracts with Programs, V. 50, no. 1, doi. 10.1130/abs/2018SC-310025.

**Shields, J., O'Shay, L.** and **Stafford, K.W.**, The complex speleogenetic history of the Gypsum Plain of West Texas and southeastern New Mexico with improved remote sensing methodologies for identification and delineation of karst features. Geological Society of America Abstracts with Programs, V. 50, no. 1, doi. 10.1130/abs/2018SC-310184.

**Stafford, K.W., Brown, W.** and **Faulkner, M.**, 2018. Delaware Basin evaporite karst geohazard characterization, Texas: coupling of traditional karst analyses with remote sensing characterization. Geological Society of America Abstracts with Programs, V. 50, no. 1, doi. 10.1130/abs/2018SC-310069.

Presentations at the Symposium on Applied Geophysics to Engineering and Environmental Problems) meeting in Nashville, Tennessee

**Brown, W.** and **Stafford, K.**, 2018. 2.5 dimensional inductively coupled resistivity study of karst geohazards. SAGEEP Conference Program, March 25-29, 2018, Nashville, TN, Environmental and Engineering Geophysical Society.

Morgan, A., Payton, S., Jorgenson, G. and **Stafford, K.**, 2018. Avoidance of hypogenic karst caverns for oil and gas drilling through the use of full tensor gravity gradiometry data. SAGEEP Conference Program, March 25-29, 2018, Nashville, TN, Environmental and Engineering Geophysical Society.

# **DEPARTMENT OF MATHEMATICS AND STATISTICS**

**Jane Long, Associate Professor,** participated in the International Day of Women Teach In. Her topic was *Exciting Recent Advances in Mathematics Led by Women*. Dr. Long also led a Math Circle demonstration at the anual meeting of the Texas Section of the Mathematical Association of America and participated in the STEM Day event for área high school students.

**Matthew Beauregard, Associate Professor,** served as the Pre-Triage Co-Director for the Society of Industrial and Applied Mathematics, Mathwork Mega Mathematical Modeling Challenge. This is a national high school mathematic modeling competition.