

Faculty Senate Report – Oct. 2017

Outstanding Faculty Accomplishments

Nelson Rusche College of Business

Dr. Tim Bisping, Dean

BUSINESS COMMUNICATIONS AND LEGAL STUDIES

McKenna, C., Bayless, M. L. (2017). Business Communication and Job Retention: Developing a more Specific List of Mission-Critical Communication Skills. *Texas Business and Technology Educators Association Journal*, 19(1), 15-26.

Hall, A. A., Wright, C. S. (2017). The Changing Face of Education: Welcoming Generation Z to the Classroom. *Texas Business and Technology Educators Association (TBTEA) Journal*, 19(1), 90-98. www.tbtea.org/

Hall, A. A., Jennings, S. E. (2017). “On Call” Online Instructors? An Investigation of Faculty and Student Perspectives on Appropriate Response Times. *Journal of Research in Business Information Systems*, 9(9), 84-110.

Jennings, S. E., McKenna, C. (2017). Is Your Silverware Polished? Student Perceptions of Business Dining Etiquette. *Texas Business and Technology Educators Association Journal*, 19(1).

MANAGEMENT, MARKETING & INTERNATIONAL BUSINESS

Culpepper, R. A., Romero, A. (in press). The Role of Asian Overconfidence in Decision-Making. *Journal of International Management Studies*.

Kahla, M. C., O'Neal, L. R., Crocker, R. M., Reese, J. D. (2017). Lone Star Olive Ranch. *Journal of the International Academy for Case Studies*, 11 pages. www.alliedacademies.org/the-international-academy-for-case-studies/

Ballouli, K., Reese, J. D., Brown, B. (2017). Effects of Mood States and Team Identification on Pricing in the Secondary Ticket Market. *Sport, Business and Management: An International Journal (Emerald Publishing)*.
emeraldgroupublishing.com/products/journals/journals.htm?id=sbm

ECONOMICS AND FINANCE

Schaub, M. (2017). Initial Wealth Effects of the Brexit Vote on UK ADRs. *Applied Economics Letters*, 24(17), 1232-1236.

James I. Perkins College of Education

Dr. Judy Abbott, Dean

Department of Elementary Education

Dr. Brandon Fox, associate professor of elementary education, was awarded the 2017-20 Montgomery Professorship for Humane Education.

Publications:

Ewing, J. Preparing pre-service teachers to teach ELLs in methods courses. *LINK. Association of Mathematics Teacher Educators-Texas Online Journal*, 7(3), 3-4.

Presentations:

Sampson, P. and Gresham, G. (2017). Women Superintendent Research: 2014-2016 Dissertation Content Analysis & Current Cited Author Data. Research on Women and Education Fall 2017 Conference. Salt Lake City, Utah.

Burrow, L., and Taylor, L. (2017). A Reversal of Service-Learning: When Young Students Teach Student Teachers. International Association for Research of Service-Learning and Community Engagement, Galway, Ireland.

Burrow, L. (2017). The Professor Factor: Our Role in Salvaging Off-Track Service-Learning Experiences. International Association for Research of Service-Learning and Community Engagement, Galway, Ireland.

Department of Human Services

Dr. Luis Aguerrevere, Associate Professor, School Psychology

Bianchini, K. J., Frey, C., Brewer, S. T., Bui, J., & **Aguerrevere, L.**, (2017). *The Financial Incentive Effect, it's not just malingering*. In K. B. Boone (Ed.), *Neuropsychological evaluation of medically unexplained symptoms: assessment primer*. New York: Taylor & Francis.

Bianchini K.J., **Aguerrevere L.E.**, Curtis K.L., Roebuck-Spencer T.M, Frey C., Greve K.W. & Calamia M. (In Press) Classification Accuracy of the MMPI-2-Restructured Form Validity Scales in Detecting Malingered Pain-Related Disability. *Psychological Assessment*.

Aguerrevere,L.E., Calamia M, Greve K.W., Bianchini, K.J., Curtis, K.L. & Ramirez V. (2017). Clusters of financially incentivized chronic pain patients using the Minnesota Multiphasic Personality Inventory-2nd edition (MMPI-2-RF). *Psychological Assessment*. DOI: 10.1037/pas0000509

Chen, J., Juan, R., & **Aguerrevere, L.** (2017, February). The role of bias in school discipline on diverse students. Poster session presented at the meeting of National Association of School Psychologists Annual Convention, San Antonio, TX.

Lenert, M. & **Aguerrevere, L.** (2017, March). Combined effects of optimism and caffeine intake on QEEG alpha wave power: A pilot study. Poster session presented at the Undergraduate Research Day at the Capitol event, Austin, TX.

Swift, T.J., Nicks, R., Recio, R.C, Juan, R, **Aguerrevere, L. E.**, (2017, February). Detecting Pain-related Memory Malingering using Eye Tracking Technology. A poster presented at the International Neuropsychological Society Annual Conference. New Orleans, La.

Dr. Daniel McCleary, Assistant Professor of School Psychology

Aspiranti, K. B., **McCleary, D. F.**, & Ratliff, S. R. (2017, August). *An updated analysis of author affiliation: Is practitioner research increasing?* Poster presented at the meeting of the American Psychological Association, Washington, DC.

Dr. Wendy Killam, Professor of Counselor Education, received the President's Mentor Award from the Association for Adult Development and Aging (a division of the American Counseling Association) and was elected as the treasurer of the same organization.

Killam, W. & Kopic, M. (2017). *Ethical Issues in Supervision*. Association for Adult Development and Aging National Conference, New York, NY.

Kopic, M., **Killam, W.**, & Chan, C. (2017). *Generational Differences Across the Adult Lifespan*, Association for Adult Development and Aging National Conference, New York, NY.

Dr. Le'Ann Solmonson, professor of Counselor Education, was one of a six member task force responsible for writing the *Texas Model for Comprehensive School Counseling Programs, 5th Ed.* published by the Texas Education Agency. The model is written into the Texas Education Code as a requirement for implementation for all Texas public schools. Dr. Solmonson was also invited to serve on the State Board of Educator Certification Advisory Council responsible for recommending an update to the training requirements for obtaining the Texas Certified School Counselor credential. The recommendations were accepted and approved by SBEC at the October meeting and will go into effect in 2019.

Solmonson, L. (in press). Consultation and collaboration. In J. Nelson and L Wines (Eds.), *School counselors as practitioners: Building on theory, standards, and experience for optimal performance*. New York, NY: Taylor & Francis/Routledge.

Solmonson, L. (2017). *Training for empathy by leveraging empathy*. Association for Counselor Education and Supervision, Chicago, Illinois, October 6, 2017

Solmonson, L. (2017). *The slippery slope of ethics*. Pineywoods Counseling Association, Nacogdoches, Texas, September 27, 2017

Solmonson, L. (2017). *It's a small world: Maintaining professional boundaries when you live and work in the same community*. Region VII Service Center, Kilgore Texas, September 20, 2017.

Dr. Raul Prezas, Associate Professor, Speech and Language Pathology

Harbaugh, E., **Prezas, R. F.**, & Edge, R. L. (in press). Differentially diagnosing selective mutism and the silent period. *Journal of Phonetics and Audiology*.

Prezas, R. F., & Palafox, P. L. (2017, October). Serving our diverse populations: Understanding English-language learners. Invited Seminar Presentation at the Texas Speech-Language-Hearing Association Executive Council Meeting, Dallas, TX.

Prezas, R. F., & Palafox, P. L. (2017, October). Serving our diverse populations: Putting it all together. Invited Seminar Presentation at the Texas Speech-Language-Hearing Association Executive Council Meeting, Dallas, TX.

Amanda Pruitt, Clinic Director

Pruitt, A. (2017). *Developing Resiliency among College Students*. Society for the Study of Symbolic Interaction Conference, Montreal, Canada, August 15, 2017.

Dr. Paige Mask, Associate Professor in Special Education

Mask, P. R. (2017). What Do College Bound Students With Disabilities Need To Consider? Advice from College Graduates With Disabilities. Paper presented at the Association on Higher Education and Disability, National Conference, Orlando, Florida. July 17-22, 2017.

The **Master of Special Education** degree program ranked 21 in the top 50 institutions for online programs.

Dr. Daniel McCleary, Assistant Professor of School Psychology

Aspiranti, K. B., **McCleary, D. F.**, & Ratliff, S. R. (2017, August). *An updated analysis of author affiliation: Is practitioner research increasing?* Poster presented at the meeting of the American Psychological Association, Washington, DC.

Department of Kinesiology & Health Science

Heather Samuelson (Dance Faculty) presented at the Brazos Contemporary Dance Festival at TAMU.

Haley Jameson (Dance Faculty) was a guest artist, setting a piece of choreography called "The Race" on the Cottey Repertory Dance Company to be performed in their November dance concert at Cottey College in Nevada, MO.

School of Human Sciences

Sally Ann Swearingen, Mitzi Perritt, and Leisha Bridwell, Interior Design faculty, presented "Collaborating to Benefit the Homeless: Transferring Skills Learned in the Classroom into the Profession" at the IDEC SW Regional Conference in Dallas. It was voted the best regional paper.

Farago, F. (2017, October 1st). *Free to be you and me: Freeing children of gender stereotypes*. Presented at the Unitarian Universalist Fellowship of Tyler, Tyler, TX.

Shivers, E. & **Farago, F.** (2017, September 9th). *Racial equity in early childhood classrooms: Teaching racially conscious children*. Presented at the annual Multicultural Education conference at Mesa Community College, Mesa, AZ.

Olle, M., Kang, H., & Causin, G. G. (2017, Accepted). Hispanic college students' health and lifestyle. *International Journal of Current Research*.

Runnels, C. Causin, G. F., Laird, S. & Abbott, J. (2017, Accepted). Giving voice to our First Nations: Creating a framework for indigenous interpretation through education and collaboration.

Causin, G. G. & McCarthy, T. (2017: Accepted). Event planner sensitivity to the needs of individuals with visual disabilities. *Journal of Human Service: Training, Research, and Practice*.

Causin, G. G., Olle, M., & Kang, H. (2017: Accepted). Social relationships and life satisfaction of older Hispanic adults. *Journal of Multicultural Affairs*.

College of Fine Arts

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

School of Music

Dr. Mario Ajero, professor of piano, was invited to present and perform with his children, Antonio and Olivia, at the first and only Steinway & Sons Piano Gallery in Harbin, Heilongjiang, China. The title of his presentation was "Achieving Success with Piano in the 21st Century."

Dr. A.C. Himes secured a Memoranda of Understanding for international study exchange programs with University of Tasmania and University of Sydney during an August recruiting trip to Australia.

Arthur Temple College of Forestry and Agriculture

Dr. Hans Williams, Dean

Department of Agriculture

Agriculture faculty and students hosted 500, Area 9-Future Farmers of America students on campus September 20. **Emily Payne** coordinated the event that engaged students in numerous agriculture related demonstrations.

Agriculture faculty and students hosted over 320 students from 22 high schools for College Experience Day on October 10. **Courtney Biles**, Agriculture Graduate Student, coordinated the event in which students experienced hands-on demonstrations from agriculture, forestry, environment science, and spatial science faculty.

Dr. Joey Bray-Agriculture

Grant – Effect of Alkaline Phosphatase (Essencil™), and β-mannanase (Hemicell™ HT) on Live Performance and Health Parameters in Broilers Raised as Antibiotic Free (ABF) Birds, Sponsored by Elanco Animal Health, \$16,060.60

Publication - Utilization of Pyrosequencing to Monitor the Microbiome Dynamics of Probiotic Treated Poultry (*Gallus gallus domesticus*) during Downstream Poultry Processing
Vamsy Priya Guttala¹, Enrique G. Medrano², Joey Bray¹, Beatrice Clack^{1*}

Dr. Erin Brown-Agriculture

Texas and Southwest Cattle Raisers Ranching 101 workshop to local producers 25 ranchers attending

Use of an Artificial Insemination Clinic as a Service Learning Project: A Case Study published in NACTA Journal June 2017 (**Erin Brown and Emily Payne**)

Dr. David Creech-Piney Woods Native Plant Center-Agriculture

Kiwifruit project funded by TDA is wrapping up the first year (1/2 TAMU and 1/2 SFA) . . . during the past six months, Dr. Creech has spent time in New Zealand, China, California and Alabama studying the production strategies for golden kiwifruit. He is currently waiting on the status of Year 2 of this long term study. Plots are located on Starr avenue by the bridge. There's a possible JV here with Miko Asia, Ltd., Auckland, NZ.

China in late July and early August, 2017.

July 27, 2017. Presentation in Shenzhen, China, at the 2017 International Botanical Congress, "Finding climate change friendly ornamentals for Galveston Island, Texas and the Strategies Needed to Deal with a Salt Challenged Environment." D. Creech*, K. Farrish, E. Harris, S. Wagner, and E. Fowler. Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University, Nacogdoches, TX. I moderated the T6-14 session on "Botanical Gardens and the Exploration of Salt Tolerant Crops."

August 2, 2017. Presentation in Jingjiang, China. "Taxodium research and use in USA." Second annual conference on Taxodiums at the Jingjiang Taxodium Research and Germplasm Base. 105 in attendance

Dr. Michael Mauer-Agriculture

Presentations: Southern Region American Society for Horticultural Science annual meeting. February 3-5, 2017. Mobile, AL. Abstracts to be published in the October issue of HortScience:

(poster). Six-plant species response to salt-water inundation and remediation. M.A. Maurer¹, R. B. Burnett¹, D. L. Creech¹ and Yuhong Zheng². ¹Department of Agriculture, Arthur Temple College of Forestry and Agriculture, P.O. Box 13000, Nacogdoches, TX 75962, ² Institute of Botany, Jiangsu Province & Chinese Academy of Sciences, Nanjing, China 210014.

(poster). Growth and development of eleven double flowering Oriental liliium in East Texas. M.A. Maurer, R. Burnett and B. I. Chema. Department of Agriculture, Arthur Temple College of Forestry and Agriculture, P.O. Box 13000, Nacogdoches, TX 75962.

Dr. Chris Comer-Forestry

Hasapes, S.K., and C.E. Comer. 2017. White-tailed deer fawn survival, home range, and habitat composition in northwest Louisiana. Wildlife Society Bulletin 41(3):499-507.

McInnerney, C.K.*, C.E. Comer, J. Gunnels. 2017. Breeding bird response to post oak savanna restoration in eastern Texas 8 years post-management. 24th Annual Conference of the Wildlife Society, Albuquerque, NM.

Comer, C.E. 2017. Carnivores in our backyard. Presentation for the Nacogdoches Rotary Club, Nacogdoches, TX, October 11, 2017.

Comer, C.E. 2017. Nutrition management for white-tailed deer. Presentation to the Sabine County Landowners Association, Hemphill, TX, October 3, 2017.

Comer, C.E. 2017. Black bears of east Texas: Return of a Texas native. Presentation for the Woodlands Township Walk in the Woods Nature Lecture Series, the Woodlands, TX, September 14, 2017.

Comer, C.E. 2017. Bats and bat research at SFASU. Presentation to the Annual Meeting of the Texas Chapter of the Society of American Foresters, Nacogdoches, TX, June 13, 2017.

Dr. David Kulhavy-Forestry

Unger, D., Kulhavy, D., and Hung, I-K. 2017. Using Landsat 7 and Landsat 8 to Quantify Change in Lake Mead. TexasView, Received: \$1,350.

Note: Award a \$1000 scholarship to an undergraduate Environmental Science student for the project.

Unger, D., Kulhavy, D., and Hung, I-K. 2017. Using Landsat 7 and Landsat 8 to Quantify Change in Hardwood Forests. TexasView, Received: \$1,350.

Note: Awarded 2 \$600 scholarships to 2 undergraduate Environmental Science students for the project.

Kulhavy, D. L., Endsley, G., Unger, D., Grisham, R., Gannon, M. and Coble, D. 2017. Service Learning for the Port Jefferson History and Nature Center: Senior Capstone Forestry Course. Journal of Community Engagement and Higher Education 9(2):67-79.

Kulhavy, D.L., Reynolds, R. P., Unger, D. R., Bullard, S. H., and McBroom, M. W. 2017. Digital Preservation and Access of Natural Resources Documents. Journal of Education and Practice 8(12):121-128.

Oswald, B. P., Dugan, S. C., Balice, R. G. and Unger, D. R. 2016. Overstory Tree Mortality I Ponderosa Pine and Spruce-Fir Ecosystems, Following a Drought in Northern New Mexico. Forests 7(10):225, 16 pp.

Dr. Jeremy Stovall-Forestry

Pile, L. S., G. G. Wang, J. P. Stovall, E. Siemann, G. S. Wheeler, and C. A. Gabler. 2017. Mechanisms of Chinese tallow (*Triadica sebifera*) invasion and their management implications – A review. Forest Ecology and Management **404**: 1-13.
<http://dx.doi.org/10.1016/j.foreco.2017.08.023>

Dr. Brian Oswald-Forestry

8 refereed publications published in summer

Presentation in October at LeTourneau University Science Seminar.

Dr. I-Kuai Hung-Spatial Science

Tiller, M., Oswald, B. P., Frantzen, A. S., Conway, W., Hung, I.-K. (2017). Biomass Estimations of Invasives Yaupon, Chinese Privet and Chinese Tallow in East Texas Hardwood and Pine Ecosystems. *Forest Research Open Access*, 6(2). doi: 10.4172/2168- 9776.1000208

Oswald, B. P., Beierle, M.-J., Farrish, K. W., Williams, H. M., Hung, I.-K. (2017). Response of East Texas Mid-rotation Loblolly Pine Plantations to Poultry Litter and Chemical Fertilizer Amendments. *Forest Research Open Access*, 6(2), 3. doi: 10.4172/2168-9776.1000205

Kulhavy, David L (Author Only), Hung, I-Kuai (Presenter & Author), Unger, Daniel R (Author Only), Zhang, Yanli (Author Only), Texas GIS Forum 2017, "How Accurate Is Your Drone Measured Height?" Texas Natural Resources Information System, Austin Texas. (Poster Presentation-October 25, 2017).

Dr. Matthew McBroom-Forestry

Tatum, V.L., Jackson, C.R., McBroom, M.W., Baillie, B.R., Schilling, E.B. and Wigley, T.B., 2017. Effectiveness of forestry best management practices (BMPs) for reducing the risk of forest herbicide use to aquatic organisms in streams. *Forest Ecology and Management*, 404, pp.258-268.

Dr. Pat Stephens-Williams, Sarah Fuller and Dr. Jana McCall-ATCOFA and Perkins COE Partnership

Partnership with the SFA Charter School to deliver Project WILD programming to 1st-5th graders as a component of our FOR 251 curriculum. Last semester we reached well over 100 children, and are slated to reach even more this semester.

College of Liberal and Applied Arts

Dr. Brian Murphy, Dean

Dr. Lauren Brewer, Assistant Professor of Psychology, delivered the keynote address at the 2017 American Psychological Association (Division 2) conference in Washington, D.C. The talk was entitled "The Margin of Error: Scientific Literacy in the Electorate."

Drs. Lauren Brewer and Kyle Conlon, Assistant Professors in Psychology, presented a poster presentation, "Reframing Research Methods Courses as Skills Development Courses" at the 2017 APA Convention.

Dr. Dianne Dentice, Associate Professor of Sociology, presented "The Psychology of Racial Difference as Argued on Stormfront" at the international Hate Studies conference in Spokane Washington. The paper will be published in the annual Hate Studies Journal in 2018.

Dr. Mark Sanders, Professor of English, had three poems published in *Nebraska Poetry: A Sesquicentennial Anthology 1867-2017*, edited by Daniel Simon. The book is one of five finalists for the 2018 One Book One Nebraska Center for the Book.

Dr. Megan Condis, Assistant professor of English, published “Fantasizing about the Apocalypse: A Review of Fallout 4” in *A Journal of the Environmental Humanities*.

Dr. Megan Condis, Assistant Professor of English, presented “Stand in the Place Where You Live: Geocaching in the Tech Writing Classroom” at the Council for Programs in Technical and Scientific Communication Conference in Savannah, Georgia.

Dr. Courtney Wooten, Assistant Professor of English, coedited a collection of essays titled *WPAs in Transition* that will be published in November.

Dr. Mark Sanders, Professor of English, published an edited work: *The Weight of the Weather: Regarding the Poetry of Ted Kooser*.

College of Sciences and Mathematics

Dr. Kimberly Childs, Dean

Presentations:

Cross, C. J., Hubbard, K. E., Beverly, L. L., **Gravatt, D. A.**, & Bay, A. E., 2017. "Designing a Dynamic Mentoring Network from EPP to Novice Teaching." American Association for the Advancement of Science, Washington, DC.

Cross, C. J., Hubbard, K. E., Beverly, L. L., **Gravatt, D. A.**, & Bay, A. E., 2017. "The influence of mentoring on the choice of instructional methods of novice Noyce scholar teachers." American Association for the Advancement of Science, Washington, DC.

Gravatt, D. A., Beverly, L. L., Hubbard, K. E., Jenlink, K., & Cross, C. J., 2017. "Five Year Findings of the Talented Teachers in Training for Texas (T4)." American Association for the Advancement of Science, Washington, DC.

Pratt, D. B. 2017. "Is Dioecy a Dead-End in *Amaranthus*?" Botanical Society of America, Fort Worth, TX.

Witcher, C. M., Lockwood, H. N., Napier-Jameson, R, Mattila, M. N., Strange, E., **Taylor, J., Clack, B.**, Medina-Bolivar, F., Ball, J. M., & **Parr, R. D.** 2017. "A Time Course Analyses of the Effects of Arachidin 1 and Arachidin 3 on a Rotavirus-Infected Human Intestinal Cell Line." American Society for Biochemistry and Molecular Biology, Chicago, IL.

Worthington, S., & **Mullin, S.J.** 2017. "The Potential of the Hose-bridge to Mitigate Snake Mortality on Low Volume Roadways." Biology of Snakes, Chiricahua Desert Museum, Rodeo, New Mexico.

Zech, L[‡], **Frantzen, A.S.**, “Comparison of cation exchange capacity determination methods” 120th Annual Meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, TX, **March 2017**.

Barngrover, B., Frantzen, A. S., “Theoretical calculations of dipole moments of mono, meta, and ortho halobenzenes”, 120th Annual Meeting of the Texas Academy of Science, **March 2017**.

Frantzen, A. S., Barngrover, B., “The pchem projects: 10 years and going strong” 120th Annual Meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, TX, **March 2017**.

Keith Hubbard presentation: “Examining Scalability for Flipped Classrooms: Implementing and Studying Flipped College Algebra Across 32 Sections” with Dr. Beth Cory, **Teaching and Learning Conference at Sam Houston State University, August 17, 2017**.

Publications:

Guttala, V.P., E.G. Medrano, J. Bray, & **B.A. Clack**. 2017. Utilization of Pyrosequencing to Monitor the Microbiome Dynamics of Probiotic Treated Poultry (*Gallus gallus domesticus*) during Downstream Poultry Processing. *Agricultural Sciences* 8:675-691.

Kerr, L., **Gravatt, D. A., & Wiggers, R. J.** 2017. The Effects of Ultraviolet Light on Anthocyanin Accumulation in the Adventitious Roots of *Sedum wrightii*. *Annals of Biological Sciences* 5:1-7.

Jia, X.; **Gary, J. B.**; Gu, S.; McKeown, B. A.; Cundari, T. R.; Gunnoe, T. B. “Oxidative Hydrophenylation of Ethylene Using a Cationic Ru(II) Catalyst: Styrene Production without an Added Oxidant,” accepted *Israel Journal of Chemistry* invited article **Sept. 2017**.

Xiaozhen Han' Dong Zhang, Matthias Selke, Kevin K. Klausmeyer, Mukunda M. Ghimire, Lauren M. Harris, Mohammad A. Omary' Patrick J. Farmer “Mechanistic study on photo-induced oxygenation of Ru (II) bis-bipyridyl favonolate complexes”, submitted to *Inorganic Chemistry*.

Kefa K. Onchoke; Isai T. Urasa; Barbara G. Shipes “Lead and Copper Uptake by Rapid Radish (*Raphanus sativus* L.) Plants – Influence of Biosolids”, submitted to *Compost Science and Utilization* on **Feb 2, 2017**.

Drs. Wesley Brown (Chair and Professor), **Kevin Stafford** (Associate Professor), and **Liane Stevens** (Assistant Professor) – Department of Geology, submitted peer-reviewed papers in the following publications: *Texas Academy of Science*, *Journal of Speleology*, *Hypogene Karst Regions and Caves of the World*, and *Geology* respectively.

Dr. Erin Bailey and **Dr. Sara Bishop** published an article in the *Clinical Simulation in Nursing Journal*.

Grants:

Dr. Matthew Beauregard (Associate Professor) – Department of Mathematics and Statistics, was awarded a National Science Foundation grant in the amount of \$179,995 for *Collaborative Research: A Novel Control for Invasive Species -- Modeling, Analysis, and Experiments*.

Other Accomplishments

Dr. Sarah Canterberry (Associate Professor) – Department of Biology, has been elected as the President of the Board of Directors for the Texas Genetic Society.

Dr. Jennifer Gumm (Assistant Professor) – Department of Biology, is the Chair of the Division of Animal Behavior for the Society for Integrative and Comparative Biology.

Dr. Alex Frantzen (Associate Professor) – Department of Chemistry and Biochemistry, has been elected as the Vice President of the Texas Academy of Science.

Dr. Chris Ivancic (Assistant Professor) – Department of Computer Science, served as a reviewer for the National Cyber Summit Conference (NCS 17) in Huntsville, AL.

Dr. Lesa Beverly (Chair and Professor) – Department of Mathematics and Statistics, is the Board President for the Conference for the Advancement of Mathematics Teachers.

Drs. Dan Bruton (Associate Dean and Professor), **C.J. Aul** (Assistant Professor), **Hector Ochoa** (Assistant Professor) and **Mr. Collin Timmons** (Lecturer) – Department of Physics, Engineering, and Astronomy, hosted the Engineering Summer Program at SFA. This program is a one-week summer camp for students, ages 10-16, with activities involving 3D Printing, Robotics, Virtual Reality, GPS Tracking, and Circuit Construction.

Drs. Jeremy Becnel, professor, and **Nick Long**, associate professor, both of the Department of Mathematics and Statistics, developed a released a virtual reality app titled “Calculus in Virtual Reality.” The app is available on Google Play Store and Apple App Store.