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The Libraries of the University of Texas at Arlington are pleased to host the ninth annual UTA Celebration of Faculty Creative Works. This event showcases the art, books, juried exhibits, music, media, patents, and journal contributions of UTA faculty in 2016. The Libraries initiated this event to shine a spotlight on the impressive depth and breadth of scholarship and creativity produced by UTA faculty. These scholars are achieving unprecedented excellence in research, teaching, and community engagement.

Each year the number of scholars we honor grows. This year we have a 25% increase in faculty scholarly citations and have grown to represent over 400 faculty. We congratulate the colleagues represented in these pages and on the Faculty Creative Works website at library.uta.edu/fcw. Their work epitomizes the high standards of excellence and the growth of research activity at UTA.

Rebecca Bichel
UTA Libraries Dean
Contents

Introduction 1
College of Architecture, Planning and Public Affairs 3
College of Business 6
College of Education 14
College of Engineering 19
College of Liberal Arts 52
College of Nursing and Health Innovation 77
College of Science 83
School of Social Work 115
Libraries 123
Acknowledgments 128
Index 129
College of Architecture, Planning and Public Affairs
Nan Ellin, Dean

School of Architecture
Bradley Bell, Interim Director


Holliday, Kate. (2016, September 22). Flying saucers, catwalks, and craters: A history of the future in Fort Worth. Lecture given as the Samuel Benton Cantey III Memorial Lecture, Historic Fort Worth, Fort Worth Community Arts Center, Fort Worth, TX.


Holliday, Kate, et al. (2016, November). Residential diversity and authentic public participation in the fragmented metropolis. Presentation at the American Collegiate Schools of Planning Annual Conference, Portland, OR.


Quevedo, Steven. (2016). Award of excellence for “Scarpa’s dream” [Ink and graphite on plaster]. Included in 61st Annual Irving Art Association Member Juried Exhibition.
Quevedo, Steven. (2016). Irving Art Center award of excellence for “The Melancholy Astronaut” [Acrylic and plaster]. Included in 31st Annual Texas Neighbors Regional Art Exhibition, Dallas, TX.


Planning and Landscape Architecture


Public Affairs
Alejandro Rodriguez, Interim Chair


College of Business
Chandra Subramaniam, Interim Dean

Accounting
Jennifer Ho Li-Chin, Interim Chair


Economics
Roger Meiners, Chair


Gabel, T. (2016). *Clinton and Trump—similar policy prescriptions that may not bode well for the U.S. or Canada*. Vancouver: The Fraser Institute.


**Finance and Real Estate**

David Diltz, Chair


**Information Systems and Operations Management**

Mary Whiteside, Chair


Napier, Randy, et al. (2016). Examining the impact of an environmental management system and the moderating effect of statistical process control on firm performance. Presented at the Annual Conference of the Decision Sciences Institute-Southwest Region, Oklahoma City, OK.

Napier, Randy, et al. (2016). Examining the impact of an environmental management system on firm environmental performance. Presentation at the Decision Sciences Institute, 47th Annual Meeting, Austin, TX.


Prater, Edmund. (2016). University of Texas at Arlington College of Business Administration Lockheed Martin community and professional faculty leadership award.


Whiteside, Mary. (2016). University of Texas at Arlington College of Business PhD Program Committee outstanding faculty service award.


Management

Abdul Rasheed, Chair


Khavul, Susanna, et al. (2016). *Evidence to the business innovation parliamentary select committee* [Research report].


Quick, Jim. (2016). *Beta Gamma Sigma professor of the year.*

Quick, Jim. (2016). University of Texas Regents outstanding teaching award.


**Marketing**

Fernando Jaramillo, Chair

**Brewer, Lauren.** (2016). *Endings and Beginnings: Transitioning to the First Year of a Tenure Track Job.* Presentation at Academy of Marketing Science, Orlando, FL.


**Chonko, Lawrence, et al.** (2016). In search of clarity on servant leadership: Domain specification and reconceptualization. *Academy of Marketing Science Review, 6*(1), 59-78.


Yang, Zhiyong. (2016). *University of Texas at Arlington College of Engineering—business seed grant program*.


College of Education

Teresa Taber Doughty, Dean

Doughty, Teresa. (2016). Purdue University Charles B. Murphy award for outstanding undergraduate teaching.

Doughty, Teresa. (2016). Purdue University One Brick Higher award.


Morris, Lidia. (2016). La Transferencia Lingüística Programas de Educación Dual. Presentation at the National Association for Bilingual Education, Chicago, IL.

Curriculum and Instruction

Luis Rosado, Interim Chair


Martin, Leisa. (2016). *Social studies module core content exam (TExES 291) competency 803-004 (economics) and competency 803-005 (government and citizenship)* [Monograph]. Arlington, TX: University of Texas at Arlington.


Milson, Andrew. (2016). Review of J. Barr & E. Countryman (Eds.), *Contested Spaces of Early America. Historical Geography, 44*.


Pant, Mohan. (2016). A characterization of the Burr Type III and Type XII distributions through the method of percentiles and the Spearman correlation. *Communications in Statistics: Simulation and Computation*, (pp. 1-17.)

Pant, Mohan. (2016). Simulating non-normal distributions using Fleishman’s third-order polynomials based on t-distribution. Poster presentation at the Conference of Texas Statisticians Trinity University, San Antonio, TX.


Pole, Kathryn. (2016). *Tweeting in class because our professor told us to: Using Twitter to build PLNs in a pre-service teacher disciplinary literacy course*. Presentation at the Texas Association of Literacy Educators, San Antonio, TX.


Sparks, David. (2016). *Fixing a leaky metaphor: Using intersectionality to rethink the pipeline for females in STEM*. Presented at the 3rd Gender and STEM Biennial Conference, Newcastle upon Tyne, UK.

Sparks, David. (2016). *Incorporating environmental service learning into a project-based learning course for pre-service mathematics and science teachers*. Presentation at the International Conference for the Association for Science Teacher Education, Reno, NV.

Sparks, David. (2016). *One of these things is not like the other: Why is intersectionality important for females in STEM*. Presentation at the Girls in STEM Think Tank and Conference at Harpeth Hall School, Nashville, TN.


**Educational Leadership and Policy Studies**

Casey Brown, Chair


Trache, Maria, et al. (2016). From a community college attendant to a baccalaureate recipient in STEM fields of study: A Planned Behavior Model for transfer students. Presentation at the Annual Conference of the Council for the Study of Community Colleges, Plano, TX.


Zhang, Yi. (2016). Do community colleges promote or hinder STEM baccalaureate attainment?: A review of the literature. Presentation at the Council for the study of Community Colleges, Plano, TX.

Zhang, Yi. (2016). Does engagement matter to degree completion?: The impact of engagement on community college transfer student success in STEM field of study. Presentation at the 7th Annual Texas Higher Education Symposium, Austin, TX.

Zhang, Yi. (2016). From a community college attendant to a baccalaureate recipient in STEM fields of study: A planned behavior model for transfer students. Presentation at the Council for the Study of Community Colleges, Plano, TX.


Zhang, Yi. (2016). Ramping up for STEM success: Understanding community college transfer students' intention and degree attainment. Presentation at the Association for the Study of Higher Education, Columbus, OH.


Zhang, Yi, et al. (2016). Dedicated to their Degrees: Adult Transfer Students in Engineering Baccalaureate Programs. Community College Review, 44(1), 70-86.

Bioengineering
Michael Cho, Chair


Hong, Yi. (2016). National Science Foundation Faculty Early Career Development (CAREER) award.


**Civil Engineering**

**Ali Abolmaali, Chair**


Fang, Nick. (2016). National Oceanic and Atmospheric Administration research grant to provide climate forecast-aided decision support for the north central Texas.


**Kermanshachi, Sharareh. (2016).** Dwight Look College of Engineering, Texas A&M University George Bush Presidential Library Foundation travel grant.

Kermanshachi, Sharareh. (2016). *Texas A&M University Civil Engineering travel award.*


Computer Science and Engineering

Hong Jiang, Chair


Fegaras, Leonidas. (2016). Incremental query processing on big data streams. *Institute of Electrical and Electronics Engineers Transactions on Knowledge and Data Engineering*, 28(11), 2998-3012.


Huang, Heng, et al. (2016). Robust and effective metric learning using capped trace norm. In *Proceedings of the 22nd ACM Special Interest Group on Knowledge Discovery and Data Mining International Conference on Knowledge Discovery and Data Mining*, (pp. 1605-1614).

Huang, Heng, et al. (2016). Structured doubly stochastic matrix for graph based clustering. In *Proceedings of the 22nd ACM Special Interest Group on Knowledge Discovery and Data Mining International Conference on Knowledge Discovery and Data Mining*, (pp. 1245-1254).


Huang, Junzhou. (2016). *National Science Foundation CAREER award.*

Huang, Junzhou, et al. (2016). Biomarker discovery from histopathology images for clinical outcome prediction. Presentation at the National Institutes of Health, Radiology and Imaging Sciences, Bethesda, MD.


Huang, Junzhou, et al. (2016). Face landmark fitting via optimized part mixtures and cascaded deformable model. *Institute of Electrical and Electronics Engineers Transactions on Pattern Analysis and Machine Intelligence*, 38(11), 2212-2226.


Huang, Junzhou, et al. (2016). *Integration of pathological images and cell profiling data for clinical outcome prediction.* Presentation at the National Center for Advancing Translational Sciences, National Institutes of Health, Bethesda, MD.


Huang, Junzhou, et al. (2016). *Multi-modal biomarker discovery from imaging genomic data.* Presentation at the School of Medicine, University of Maryland, Baltimore, MD.


Jiang, Hong, et al. (2016). LCC-Graph: A high-performance graph-processing framework with low communication costs. In *Proceedings of 2016 Institute of Electrical and Electronics Engineers ACM International Symposium on Quality of Service, Beijing, China*.

Jiang, Hong, et al. (2016). Leveraging data deduplication to improve the performance of primary storage systems in the cloud. *Institute of Electrical and Electronics Engineers Transactions on Computers, 65*(6), 1775-1788.


Jiang, Song, et al. (2016). A general approach to scalable buffer pool management. *Institute of Electrical and Electronics Engineers Transactions on Parallel and Distributed Systems, 27*(8).


Li, Chengkai, et al. (2016). Querying knowledge graphs by example entity tuples. In 2016 Institute of Electrical and Electronics Engineers 32nd International Conference on Data Engineering, (pp. 1494-1495). doi:10.1109/ICDE.2


Ming, Jiang. (2016). University of Texas System STARS award.


Ming, Jiang, et al. (2016). Deviation-based obfuscation-resilient program equivalence checking with application to software plagiarism detection. Institute of Electrical and Electronics Engineers Transactions on Reliability, 65(4).


Zaruba, Gergely, et al. (2016). PESTO. In proceedings of the Institute of Electrical and Electronics Engineers International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops, doi:10.1109/PERCOMW.2016.7457137.

Electrical Engineering
Jonathan Bredow, Chair


Davoudi, Ali, et al. (2016). Distributed power profile tracking for heterogeneous charging of electric vehicles. *Institute of Electrical and Electronics Engineers Transactions on Smart Grid*, doi:10.1109/TSG.2016.2515616.


Devarajan, Venkat, et al. (2016). *A novel approach of water surface mapping using elevation and intensity of LiDAR data*. Presentation at the International LiDAR Mapping Forum meeting, Denver, CO.


Lewis, Frank, et al. (2016). Cooperative output regulation of singular heterogeneous multiagent systems. *Institute of Electrical and Electronics Engineers Transactions on Cybernetics, 46*(6), 1471-1475.


Lewis, Frank, et al. (2016). Distributed fault-tolerant control of virtually and physically interconnected systems with application to high-speed trains under traction/braking failures. *Institute of Electrical and Electronics Engineers Transactions on Intelligent Transportation Systems, 17*(2), 535-545.


Lewis, Frank, et al. (2016). Off-policy integral reinforcement learning method to solve nonlinear continuous-time multiplayer nonzero-sum games. *Institute of Electrical and Electronics Engineers Transactions on Neural Networks and Learning Systems, Journal of Central South University*, doi:10.1109/TNNLS.


Liang, Qilian. (2016). *Institute of Electrical and Electronics Engineers Infocom Workshop best paper award*.


Liang, Qilian, et al. (2016). Large dimensional analysis of cooperative multicell precoding with local individual CSI (pp. 89-94). In *Institute of Electrical and Electronics Engineers Conference on Computer Communications Workshops*.

Liang, Qilian, et al. (2016). Large system analysis for densification of cellular networks with massive MIMO (pp. 959-961). In *Institute of Electrical and Electronics Engineers Conference on Computer Communications Workshops*.


Liang, Qilian, et al. (2016). Scaling laws for the ergodic capacity of hybrid wireless networks with distributed base stations. In *2015 Institute of Electrical and Electronics Engineers Global Communications Conference*.


Liang, Qilian, et al. (2016). To achieve massive MIMO with much less antennas by nested placement (pp. 668-673). In *Institute of Electrical and Electronics Engineers Conference on Computer Communications Workshops*.

Liang, Qilian, et al. (2016). Underwater mobile co-prime sensor array for angle of arrival estimation based on space-domain sensor synthesis (pp. 630-635). In *Institute of Electrical and Electronics Engineers Conference on Computer Communications Workshops*.


**Sun, Yuze.** (2016). National Science Foundation CAREER award.


Tjuatja, Saibun, et al. (2016). SAR scattering and imaging with focusing by an extended target model. Presentation at the Institute of Electrical and Electronics Engineers International Geoscience & Remote Sensing Symposium, Beijing, China.


Wetz, David A. (2016). Impact of high-magnitude pulsed currents and magnetic fields on metallic corrosion. Institute of Electrical and Electronics Engineers Transactions on Plasma Science, doi:10.1109/TPS.2016.2531002.


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**Industrial, Manufacturing, and Systems Engineering**

**Paul Componation, Chair**


**Materials Science and Engineering**

Efstathios Meletis, Chair


Meletis, Efstathios, et al. (2016). Computational exploration of ZrSiBCN coatings. Presentation at the 40th International Conference on Advanced Ceramics and Composites, Daytona Beach, FL.


Meletis, Efstathios, et al. (2016). High-resolution TEM study of hard and optically transparent HfO2 films prepared by high-rate reactive high-power impulse magnetron sputtering. Presentation at the 5th International Conference from Nanoparticles and Nanomaterials to Nanodevices and Nanosystems, Porto Heli, Greece.

Meletis, Efstathios, et al. (2016). In-situ formation of nanostructured alumina-zirconia converted layers on Al-7075 through plasma electrolytic technique. Presentation at the 3rd International Conference on Surfaces, Coatings and Nanostructured Materials, University of Texas at Arlington, Arlington, TX.


### Mechanical and Aerospace Engineering

**Erian Armanios, Chair**

**Adnan, Ashfaq,** et al. (2016). Computational design of Zirconium (Zr) based multiphase ceramic materials for improved strength and toughness properties. In Proceedings of the Materials Science and Technology Conference & Exhibition, Salt Lake, UT.


Jain, Ankur. (2016). *National Science Foundation CAREER award*.


Art and Art History

Robert Hower, Chair


Alexander, Amanda. (2016). University of Texas at Arlington College of Liberal Arts cure to care grant.

Alexander, Amanda. (2016). University of Texas at Arlington Department of Art and Art History outstanding teacher of the year award.


Donjuan, Carlos. (2016). Inner city [Exhibition]. Barnes & Thornburg, Dallas, TX.

Donjuan, Carlos. (2016). Number 1 [Exhibition]. Art Room, Fort Worth, TX.


Donjuan, Carlos. (2016). *Sweet sixteen* [Gallery]. Oak Cliff Cultural Center, Dallas, TX.

Donjuan, Carlos. (2016). *This must be the place* [Exhibition]. Grackel Gallery, Fort Worth, TX.


Florentin, Bryan. (2016). *All or nothing* [Exhibition]. Manifest Gallery, Cincinnati, OH.

Florentin, Bryan. (2016). *Art through the lens* [Exhibition]. Yeiser Art Center, Paducah, KY.

Florentin, Bryan. (2016). *Assistance League of Houston celebrates Texas art* [Exhibition]. Williams Tower Gallery, Houston, TX.

Florentin, Bryan. (2016). *Sense of place* [Exhibition]. Gertrude Herbert Institute of Art, Augusta, GA.


Heimerman, Christine. (2016). *Oil and glass* [Exhibition]. Jannet Kennedy Gallery, Southside, Dallas, TX.


Hilton, Scott. (2016). Selected works from *Project Barbatype*. Included in *Wet plate* [Exhibition]. A. Smith Gallery, Johnson City, TX.

Hilton, Scott. (2016). Selected works from series *De rerum natura (On the nature of things)*. Included in *Mirror with a Memory* [Exhibition]. Nave Gallery Annex, Sommerville, MA.

Hilton, Scott. (2016). Selected works from series *De rerum natura (On the nature of things)*. Included in *Woven* [Two-person exhibition (with Nicole Pietrantoni)]. Terminal 136, San Antonio, TX.


Huckaby, Sedrick. (2016). *Past and present: From a black artist's perspective* [Exhibition catalog]. Multicultural Arts Alliance at the George W. Bush Library, Dallas, TX.

Huckaby, Sedrick. (2016). *This postman collects: The rapture of Kerry and C. Betty Davis* [Exhibition catalog]. Clark Atlanta University Art Galleries, Atlanta, GA.

Huckaby, Sedrick. (2016). *Three forbidden F words: Faith, family, and fathers* [Solo Exhibition]. Valley House Gallery & Sculpture Garden in Dallas, TX.


Huerta, Benito. (2016). *Estamos aqui (we are here)* [Group exhibition]. Oklahoma City Community College, OK; Southeast Missouri State University, Cape Girardeau, MO; Washington State Historical Society, Tacoma, WA.


Huerta, Benito. (2016). *Proof through the night* [Group exhibition]. Capitol Street Gallery, Houston, TX.

Huerta, Benito. (2016). *Selections from the Joe Diaz collection* [Group exhibition]. Todd Art Gallery, Middle Tennessee University, Murfreesboro, TN.


Huerta, Benito. (2016). *The uncertainty of doubt* [Solo exhibition]. Kirk Hopper Fine Art, Dallas, TX.


Janvier, Kathleen. (2016). *500X expo* [Exhibition]. 500X Gallery, Dallas, TX.

Janvier, Kathleen. (2016). *Brookhaven College art faculty exhibition.* Forum Gallery, Brookhaven College, Farmers Branch, TX.

Janvier, Kathleen. (2016). *Spirit and matter* [Exhibition]. Main Art Gallery, Jung Center, Houston, TX.

Jolly, Marilyn. (2016). *Carlos Donjuan/Marilyn Jolly* [Two-person exhibition]. Gray Duck Gallery, Austin, TX.

Jolly, Marilyn. (2016). *Sincerely awkward* [Solo exhibition]. Circuit 12 Contemporary, Dallas, TX.

Jolly, Marilyn. (2016). *Summer group exhibition*. Erin Cluley Gallery, Dallas, TX.


Kallus, Angela. (2016). *Seattle Art Fair* [International art fair]. Peter Mendenhall Gallery, Seattle, WA.

Kallus, Angela. (2016). *Union Pacific* [Four-person exhibition]. Circuit12 Contemporary, Dallas, TX.


Mcwilliams, Leighton. (2016). *10x10x10Tieton* [International juried exhibition]. Mighty Tieton Warehouse, Tieton, WA.


Mitchell, Cheryl. (2016). *The future’s past: Faculty and student artworks from the University of Arlington fine arts collection* [Exhibition]. University Center Art Gallery, University of Texas, Arlington, TX.


North, Kenda. (2016). *Photographing place in Florence from the 19th century to the present: From representation to narcissism*. Presentation at the 7th International Conference on The Image, Liverpool School of Art and Design, Liverpool, UK.

Ortiz, Andrew. (2016). *Blanc de blanc* [Exhibition]. Jamestown Art Center, Jamestown, RI.

Ortiz, Andrew. (2016). *Contemporary portraiture* [Exhibition]. The Gallery at UTA, Arlington, TX.

Ortiz, Andrew. (2016). *Four Points Contemporary Gallery biannual international art competition special merit award*. 

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College of Liberal Arts
Ortiz, Andrew. (2016). *Hidden truths project* [Exhibition]. InVision Radiology Lab, Newport, CA.


Ortiz, Andrew. (2016). *Measured disorder* [Exhibition]. University Gallery, Brazosport College, Lake Houston, TX.

Ortiz, Andrew. (2016). *University of Texas at Arlington college of liberal arts travel and professional development award*.

Ortiz, Andrew. (2016). *What if* [Exhibition]. Eastern Kentucky University, Richmond, KY.


Smith, Ya'Ke. (2016). *Dawn* [Short film].

Smith, Ya'Ke. (2016). *FD magazine one to watch* [Award].

Smith, Ya'Ke. (2016). *Hope's war* [Short film].


Uribe, Gary Joe. *Nature of prints* [Exhibition]. State Fair of Texas Gallery, Dallas, TX.


Vaccaro, Mary. (2016). *Detective work and the connoisseurship of old master drawings*. Lecture given as part of Art in Context [Public lecture series], Kimbell Art Museum, Fort Worth, TX.


Vaccaro, Mary. (2016). *San Giovanni Evangelista a Parma: Parmigianino e la scuola del Correggio*. Presented as part of a two-day international symposium, Benedettini nell Europa, Modena, Italy.


Weiss, Barton. (2016). *Expanding the classroom: Film festivals as education opportunities*. Presentation at the University Film and Video Association conference.


**Communication**

Charla Markham Shaw, Chair


Clark, Andrew. (2016). The relevance of international broadcasting when support for democracy declines: An analysis of two Arab Spring countries. Paper presented at the Broadcast Education Association Conference, Las Vegas, NV.


Harp, Dustin. (2016). Rape, storytelling and social media: How Twitter interrupted the news media’s ability to construct collective memory. Presentation at the Commission on the Status of Women, Association for Education in Journalism and Mass Communication Annual Conference, Minneapolis, MN.


Pribanic-Smith, Erika. (2016). *Was the shooting of a Kansas editor a conspiracy?* Presented as part of the panel, The Historian as Detective: Trying to Solve History’s Mysteries, American Journalism Historians Association National Convention, St. Petersburg, FL.


Criminology and Criminal Justice
Kent Kerley, Chair


Davis, Jaya. (2016). University of Texas at Arlington Faculty Fellow for the Title V, US Department of Education grant, IDEAS Program.


DeShay, Rashaan. (2016). I’m like tired of doing this: An exploration of intermittency in the criminal career. Presentation at the Association for Criminal Justice Research—CA Semi-Annual Conference, Sacramento, CA.


Beck, Estee. (2016, November 8). Who watches the watchers?: Privacy erosion, surveillance, & online terms and conditions. Presentation at the University of Texas at Arlington College of Liberal Arts Digital Arts & Humanities Speaker Series, Arlington, TX.


Ingram, Penelope. (2016). University of Texas at Arlington College of Liberal Arts outstanding teaching award for tenured faculty.

Krajewski, Bruce. (2016). Close reading conundrums: Cavell’s Nietzsche. Special Session at the Modern Language Association Convention, Austin, TX.

Krajewski, Bruce. (2016). Philip Dick’s fascist projection as our present, Or, Communism as the structuring absence of “The Man in the High Castle”. Panel presentation at the annual convention of the South Central Modern Language Association, Dallas, TX.


Krajewski, Bruce. (2016). TV genre, political allegory, and new distribution platforms. Invited paper presented at the 10th anniversary FLOW conference, University of Texas at Austin, Austin, TX.

McCown, Julie. (2016). Triangles and taxidermy: Re-creating animal bodies as digital fragments. Presentation at the Society for Literature, Science and the Arts, Atlanta, GA.


Torres Ramos, Alison. (2016, May). Tengo los nervios de punta!: A diagnostic critique of colonial shame and the Puerto Rican syndrome. Presentation at the English Graduate Student Association Conference, University of Texas at Arlington, Arlington, TX.

Warren, Kathryn. (2016). If ambition is ruining your life, you need to read Thoreau. Vox [Web].

Warren, Kathryn. (2016). University of Texas at Arlington College of Liberal Arts outstanding teaching award for faculty outside the tenure stream.


History
Scott W. Palmer, Chair


**Beebe, Kathryne.** (2016). *Fabri und die Klosterreformen des 15. Jahrhunderts (Fabri and Monastic Reform in the Fifteenth Century).* Paper presented as part of the international conference, Die Welt des Frater Felix Fabri (The World of Brother Felix Fabri), celebrating the 500th Anniversary of the Stadtbibliothk Ulm. Ulm, Germany.

**Beebe, Kathryne.** (2016). *The Format of Teaching the Middle Ages.* Roundtable at the Texas Medieval Association Conference, Texas A&M University, College Station, TX.


**Beebe, Kathryne.** (2016). *Travel, observant reform, and the meaning of virtual pilgrimage.* Presentation for the session Monasticisms III: Monks and Nuns on the Move: Religious Life, Travel and Communication in the Later Middle Ages at the Medieval Academy of America Annual Meeting, Boston, MA.

**Beebe, Kathryne.** (2016). *Walking through walls: Virtual pilgrimage in the Middle Ages.* Invited guest lecture for the Spring 2016 WALK! Festival of Walking, Art & Ideas, Carleton College, Northfield, MN.

**Cole, Stephanie.** (2016). *Texas State Historical Association Liz Carpenter award for best book in women’s history in Texas.*


**Conrad, Paul.** (2016). *From mission seeking to Apache tracking: The Tawakoni Wichita visit from the south plains to Mexico City in 1797.* Paper presented at the Western Historical Association annual meeting, St. Paul, MN

**Conrad, Paul.** (2016). Invited presentation on symposium roundtable, *bodies at work: Reimagining the lines of (re)production.* University of Texas at Arlington English Graduate Conference, Arlington, TX

**Dellinger, Justin.** (2016). *Customizable modality pathway courses: Research results and design implications of empowering learner choice.* Presentation at Learning With MOOCS III, University of Pennsylvania, PA.

**Dellinger, Justin.** (2016). *Discussion about the LINK research lab.* Panel Discussion at Digital Learning Week, University of South Australia.

**Dellinger, Justin.** (2016). *Examining the interaction between wearables and virtual/augmented reality from a design and theoretical perspective.* Presentation at the aWEAR16, Stanford, CA.


**Demhardt, Imre.** (2016). *Military mapping against all odds: Topographical reconnaissance in the United States from the Revolutionary War to the Civil War.* In E. Liebenberg, I. J. Demhardt, S. Vervust (Eds.), *History of military cartography* (pp. 251-262). Heidelberg: Springer.


Haynes, Sam. (2016). Clara Driscoll, Adina de Zavala, and Alamo Memory. Public lecture delivered at the Trinity University, San Antonio, TX.

Haynes, Sam. (2016). Myths, monuments and the re-gendering of Texas History. Keynote speech given to the East Texas Historical Association at the University of Texas at San Antonio, San Antonio, TX.

Haynes, Sam. (2016). University of Texas at Arlington College of Liberal Arts digital arts and humanities grant.


Haynes, Sam. (2016). Why they fought: Nationalism, honor and military service in the U.S.-Mexico War. Presentation at the US War with Mexico Symposium, Center for Teaching and Learning, University of Texas at El Paso, TX.


**Keller, Margaret.** (2016). University of Texas at Arlington College of Liberal Arts exemplary service award.


Lafevor, David. (2016). *Creating digital archives in the Siete villas of Cuba.* Paper and presentation at the American Historical Association Annual Meeting, Atlanta, GA.

Lafevor, David. (2016). *Cuban Histories of the Present.* Lecture given at the Art Gallery SELA, Southeastern Louisiana University.

Lafevor, David. (2016). *Digital preservation in the Siete villas de Cuba.* Invited presentation to the history department at the University of Alabama.


Morris, Christopher. (2016). *Nitrogen networks: From Ned Cobb’s Alabama to the early twentieth-century world and back.* Presentation at the Atlantic Environments and the American South, Rice University.


Narrett, David. (2016). *University of Texas at Arlington College of Liberal Arts dean’s award for research travel.*

Salinas, Cristina. (2016). *Agricultural labor politics in Bracer-era South Texas.* Presentation at the Texas State Historical Association, Irving, TX.


Linguistics and TESOL
Laurel Smith Stvan, Chair


Rohr, Jessica. (2016). University of Texas at Arlington Department of Linguistics and TESOL Donald A. Burquest award for excellence in online teaching in linguistics.


Stvan, Laurel. (2016, March). Beliefs connecting food to health: Lexical conflation in CADOH. Presentation at the 61st Annual Conference of the International Linguistic Association, at Hofstra University, Hempstead, NY.

Stvan, Laurel. (2016, May). Progress on CADOH: Data old and new. Lightning talk given at the Texas Digital Humanities Conference, University of Austin, Austin, TX.


Stvan, Laurel. (2016). What students believe is healthy: Language clues in pre-diabetic populations. Presented at the Communication, Medicine and Ethics Conference (COMET), Aalborg University, hosted by Danish Institute of Humanities and Medicine (DIHM), Aalborg, Denmark.


Modern Languages
Sonia Kania, Chair

Alameddin, Najia. (2016). University of Texas at Arlington Department of Modern Languages outstanding French lecturer of the year.

Austin, Amy. (2016). University of Texas at Arlington College of Liberal Arts outstanding graduate advisor [Award].


Watson, Sonja. (2016). University of Texas at Arlington College of Liberal Arts Dean’s Office Digital Humanities Start-Up Grant.

Watson, Sonja. (2016). University of Texas at Arlington College of Liberal Arts Dean’s Office Endowment Research Award.

Music

Rick Bogard, Chair

Bubert, Dennis. (2016). Eric Ewazen Concerto for bass trombone and orchestra [Soloist]. UTA Symphony Orchestra, Arlington, TX.

Bubert, Dennis. (2016). [Guest musician]. Houston Symphony Orchestra, Toyota Center Coliseum, Houston, TX.


Bubert, Dennis. (2016). Trombone choir concert [Bass trombonist]. Trinity Methodist Church, Wilmette, IL.


Burton, John. (2016). Faculty and Friends Chamber Orchestra [Cellist]. University of Texas at Arlington, Arlington, TX.

Cavanagh, Dan. (2016). Tunnel vision [with Lane Community College Big Band]. Oregon Jazz Festival, Eugene, OR.


Evans, Clifton. (2016). *Brahms Academic festival overture; Sibelius-Excerpt from symphony no. 2* [Orchestra concert]. AYS Symphony Orchestra, City Performance Hall, Dallas, TX.

Evans, Clifton. (2016). *Dvorak Slavonic dance no. 8; Rachmaninoff Piano concerto no. 2 (with Kate Stevens, piano); Dvorak Symphony no. 8* [Orchestra concert]. University of Texas at Arlington Symphony Orchestra.

Evans, Clifton. (2016). *Mozart Clarinet concerto (Betsty Wackwitz, clarinet); Rimsky-Korsakov Scheherazade* [Orchestra concert]. American Festival for the Arts Conservatory Orchestra.

Evans, Clifton. (2016). *Mozart Overture to the impresario foote: A night piece (with Jake Fridkis, flute); Strauss Concerto no. 1 for horn (with Molly Norcross, horn); Dvorak Symphony no. 9* [Orchestra concert]. Fort Worth Symphony Orchestra, Fort Worth, TX.


Evans, Clifton. (2016). *Stravinsky Suite from the firebird; Ford Video games live; Uematsu One-winged angel; Kondo Legend of Zelda; Brower World of Warcraft* [Orchestra concert]. Woodlands Symphony Orchestra, Woodlands, TX.

Evans, Clifton. (2016). *Tchaikovsky Excerpts from symphony no. 5* [Orchestra concert]. AYS Symphony Orchestra.

Evans, Clifton. (2016). *Wagner Die meistersinger prelude; Rimsky-Korsakov Capriccio Espagnol; Bernstein Symphonic suite from On the Waterfront* [Orchestra concert]. University of Texas at Arlington Symphony Orchestra.

Grogan, David. (2016). *Acis and Galatea* [Role of Polyphemus]. Dallas Bach Society, Caruth Auditorium at SMU, Dallas, TX.

Grogan, David. (2016). *Bach B Minor Mass* [Bass soloist, with University of Northern Colorado choral forces]. Donald Bailey Choral Festival, Greeley, CO.

Grogan, David. (2016). *Bach Cantata 12* [Bass soloist, choir, and orchestra of Southwest Oklahoma State University].

Grogan, David. (2016). *Bach Ich freue mirch in dir*. Big Moose Bach Fest, Gorham, NH.


Grogan, David. (2016). *Bach St. John Passion* [Role of Jesus, with the Dallas Bach Society]. Church of the Incarnation, Dallas, TX.

Grogan, David. (2016). *Britten Noye's Fludde* [Role of Noye, with Dallas Symphony].


Grogan, David. (2016). *Handel Alexander's Feast* [bass soloist, with the Texas Wesleyan University choir and orchestra].

Grogan, David. (2016). *Mad songs* [Faculty recital]. Irons Recital Hall.

Grogan, David. (2016). *Mendelssohn Elijah* [Role of Elijah, with the Highland Park Presbyterian Church]. Dallas, TX.

Grogan, David. (2016). *Messiah in New Mexico* [Bass soloist, with the New Mexico Symphonic choir]. Albuquerque, NM.

Grogan, David. (2016). *Opera extravaganza* [Various roles, with UTA Alumni]. Irons Recital Hall.


Hunt, Graham, et al. (2016). *An alternative approach to analyzing type-resistant two-part forms*. Presentation at the Annual Meeting of the Texas Society for Music Theory, University of Mary-Hardin Baylor, Belton, TX.


Kenaston-French, Karen. (2016). *Gershwin Porgy and Bess* [Chorale conductor]. UTA A Cappella Choir, with Dallas Symphony Orchestra, Morton Meyerson Symphony Center, Dallas, TX.


Kenaston-French, Karen. (2016). *Southwestern Division conference of the American Choir Directors Association* [Chorale conductor]. UTA A Cappella Choir, Kauffman Center, Kansas City, MO.

Kenaston-French, Karen. (2016). *Texas Music Educators Association Region 3 High School Treble Honor Choir*. Lake Highlands High School, Dallas, TX.


Leffer, Craig. (2016). *Schumann Cello concerto* [Cello soloist]. Abilene Philharmonic Orchestra, Abilene Civic Center, Abilene, TX.


Sanchez, Terri. (2016). Various pieces [Flute soloist]. Faculty Recital, Irons Recital Hall, University of Texas at Arlington, Arlington, TX.

Sanchez, Terri. (2016). Various pieces [Flute soloist]. UTRGV Guest Artist Recital, Texas Southmost College Arts Center, University of Texas Rio Grande Valley, Brownsville, TX.

Sanchez, Terri. (2016). Various pieces [Invited performer, with FlutAria! Trio]. TAMUC FlutAria! Recital, Texas A&M University, Commerce, TX.

Sanchez, Terri. (2016). Various pieces [Invited performer, with FlutAria! Trio]. Tarleton State University Chamber Recital, Wells Fine Arts Theater, Tarleton State University, Stephenville, TX.

Sanchez, Terri. (2016). Various pieces. UTA Flute Weekend Recital, Irons Recital Hall, University of Texas at Arlington, Arlington, TX.


Unzicker, Jack. (2016). Made in America, with Steve Amerson [Principal double bass]. Plano Symphony Orchestra, Eisemann Center for Performing Arts, Richardson, TX.


Unzicker, Jack. (2016). Various pieces [Principal double bass]. Santa Fe Pro Musica, Lensic Performing Arts Center, Santa Fe, NM.

Walvoord, Martha. (2016). Beethoven Missa Solemnis [Violin]. Dallas Choral Festival, Meyerson Symphony Center, Dallas, TX.

Walvoord, Martha. (2016). Dvorak Serenade for strings in E major [Concertmaster]. Festival Concert, Texas Chamber Music Institute, Irons Recital Hall, University of Texas at Arlington, Arlington, TX.

Walvoord, Martha. (2016). Daugherty The diaries of Adam and Eve [Violin]. Faculty Recital, Texas Chamber Music Institute, Irons Recital Hall, University of Texas at Arlington, Arlington, TX.

Walvoord, Martha. (2016). Daugherty The Diaries of Adam and Eve. Daugherty Festival, Irons Recital Hall, University of Texas at Arlington, Arlington, TX.

Walvoord, Martha. (2016). Various pieces [Assistant concertmaster]. Dallas Chamber Symphony, City Performance Hall, Dallas, TX.

Walvoord, Martha. (2016). Various pieces [Principal second violin]. Lovers Lane United Methodist Church Orchestra, Dallas, TX.

Walvoord, Martha. (2016). Various pieces [Violin]. Baroque Chamber Recital, Bancroft Family Concerts, Horchow Auditorium, Dallas Museum of Art, Dallas, TX.


Walvoord, Martha. (2016). Various pieces [Violin]. Faculty Recital, Irons Recital Hall, University of Texas at Arlington.

Walvoord, Martha. (2016). Various pieces [Violin]. Faculty Violin Recital, Irons Recital Hall, University of Texas at Arlington, Arlington, TX.

Walvoord, Martha. (2016). Various pieces [Violin]. Guest Artist Recital, Edge Recital Hall, Hugh Hodgson School of Music, University of Georgia, Athens, GA.

Walvoord, Martha. (2016). Various pieces [Violin]. Guest Artist Recital, Organ Hall, School of Music, Theatre and Dance, University of North Carolina Greensboro, Greensboro, NC.

Walvoord, Martha. (2016). Various pieces [Violin]. Guest Artist Recital, Recital Hall, College of Music, University of North Texas, Denton, TX.

Walvoord, Martha. (2016). Various pieces [Violin]. Guest Artist Recital, Recital Hall, School of Music, University of South Carolina, Columbia, SC.

Walvoord, Martha. (2016). Various pieces. [Faculty and Concertmaster]. Final Concert, Texas Chamber Music Institute, Irons Recital Hall, University of Texas at Arlington, Arlington, TX.


Philosophy and Humanities
Kenneth W. Williford, Chair


Political Science
Rebecca E. Deen, Chair

Boyea, Brent. (2016). Competition and regional impact in contributions to state supreme court campaigns. Presentation at the Annual Meeting of the Midwest Political Science Association, Chicago, IL.

Boyea, Brent. (2016). Competition and regional impact in contributions to state supreme court campaigns. Presentation at the Annual Meeting of the State Politics and Policy section of the American Political Science Association, Dallas, TX.


**Thomas, Herschel.** (2016, November). Congressional analytic capacity and the political economy of revolving door lobbying. Invited lecture presented at the University of Oklahoma.

Thomas, Herschel. (2016, December). Revolving door lobbying. Invited book presentation to the Department of Government at the University of Texas at Austin, Austin, TX.


**Sociology and Anthropology**

Robert Kunovich, Chair


**Bergstrand, Kelly.** (2016). *Transformative environmental threats: Behavioral and attitudinal change five years after the Deepwater Horizon Oil Spill*. Presentation at the American Sociological Association, Seattle, WA.


Speier, Amy. (2016). Virtual and reproductive technologies: Making egg donation visible. Presentation at the Gender, Bodies and Technology Conference, Roanoke, VA.


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**Theatre Arts**

Kim LaFontaine, Chair


Bertch, Felicia. (2016). The show [Director]. Black Box Theatre, University of Texas at Arlington, Arlington, TX.


Bertch, Felicia. (2016). Tiny platform Shakespeare [Director/devisor]. Speakers Corner and Black Box Theatre, University of Texas at Arlington, Arlington, TX.

Bertch, Felicia. (2016). Troupers (A. Healey, playwright) [Assistant director]. Department of Theatre Arts Main Stage, University of Texas at Arlington, Arlington, TX.


**Chapa, Joe.** (2016). Dogwood (S. Nova, playwright) [role of Leo].


Gaupp, Andrew. (2016). Shylock’s beard (C. Mazer) [Director]. Association for Theatre in Higher Education, Chicago, IL.

**Greer, Julienne.** (2016). Helios 24/7 [Guest equity actor]. MAVPLAYS, Maverick Theatre Company, UTA, Arlington, TX.

**Harvey, Michelle.** (2016). AIDA: The concert version [Scenic designer]. Dallas City Performance Hall, Dallas, TX.

Harvey, Michelle. (2016). Bravo Broadway: The spectacular senior follies [Scenic designer and technical director]. Eisemann Center for the Performing Arts, Richardson, TX.

Harvey, Michelle. (2016). *Dreamgirls* (H. Krieger & T. Eyen) [Assistant scenic designer]. Dallas Theatre Center, Wyly Theatre, Dallas, TX.

Harvey, Michelle. (2016). *Heroes* [Scenic designer]. Turtle Creek Chorale, Dallas City Performance Hall, Dallas, TX.


Harvey, Michelle. (2016). *A not so silent night: Turtle Creek chorale in concert* [Scenic designer & technical director]. Dallas City Performance Hall, Dallas, TX.

Harvey, Michelle. (2016). *Seussical* (L. Ahrens & S. Flaherty) [Scenic designer]. Dallas Children’s Theatre, Baker Theatre, Rosewood Center for Family Arts, Dallas, TX.


Healy, Anne. (2016, March). *Collaborators who actually collaborate*. Panel presentation at the Southeastern Theater Convention, Greensboro, NC.


Healy, Anne. (2016). *The theatrical piano* [Director]. Dallas Out of the Loop Fringe Festival, Dallas, TX.


Healy, Anne. (2016). *University of Texas at Arlington College of Liberal Arts outstanding teaching award for tenured faculty*.


Knight, Meredith. (2016). *Fire & ice* [Guest performer]. Big Rig Dance Collective, Richland College Fall Dance Concert.

Knight, Meredith. (2016). *The nutcracker* [Teacher and performer]. Dallas Ballet Company, Dallas, TX.

LaFontaine, Kim. (2016). *The man who came to dinner* [Scenic designer]. Mainstage Theatre, University of Texas at Arlington, Arlington, TX.


Maher, Dennis. (2016). *Chamber music* (A. Kopit, playwright) [Director]. MavLab, University of Texas at Arlington, Arlington, TX.


Maher, Dennis. (2016). *Other worlds: The music of final fantasy* [Narrator]. UTA A Capella Choir, Dallas Symphony Orchestra, Dallas, TX.


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College of Nursing

Graduate Department
Judy LeFlore, Interim Chair

Undergraduate Department
Beth Mancini, Chair


Barnes, Donelle M. (2016). Social support and adherence for military veterans with hepatitis C. *Clinical Nurse Specialist, 30*(1), 38-44.

Baxley, Susan. (2016). *Changing with the times: Using mentee feedback to improve mentor program.* Presentation at the International Mentoring Association Conference, Auburn, AL.


Carter-Griffin, Monee. (2016). *Serum procalcitonin levels on antibiotic duration and patient outcomes in COPD exacerbations.* Poster presented at the 22nd National Evidence-Based Practice Conference, Coralville, IA.


Daniel, Kathryn, et al. (2016). PESTO: Data integration for visualization and device control in the SmartCare project. Paper presented at the 2016 Institute of Electrical and Electronics Engineers International Conference on Pervasive Computing and Communication Workshops (PerCom Workshops).


Hamby, Donna Leake. (2016). Incorporating the 4 core competencies of IPE with cultural awareness in a geriatric veteran patient with depression. Presentation at the Interprofessional Education Conference, Arlington, VA.


Haykowsky, Mark. (2016). *Pathophysiology of exercise intolerance in heart failure with preserved ejection fraction: Is it time to focus on the periphery?* Presentation at the Anatomy & Physiology Research Seminar, Kansas State University, Manhattan, KS.


Haykowsky, Mark, et al. (2016). *Skeletal muscle mitochondrial content, oxidative capacity, and Mfn2 expression are reduced in older patients with heart failure and preserved ejection fraction and are related to exercise intolerance*. *JACC: Heart failure*, 4(8), 636-45.


Leach, Jennifer. (2016). *The cactus and hammock: Aphasia assessment in the National Institutes of Health Stroke Scale*. Presentation at the Canadian Stroke Congress, Quebec, Canada.


Mancini, Mary, et al. (2016, February). The impact of serious gaming on nurse and physician behavior, attitudes, and knowledge of effective interprofessional communication. Presentation at the Southern Nursing Research Society, Williamsburg, VA.


Office of the Dean


Biology

Clay Clark, Chair


Castoe, Todd. (2016). A cryptic palm-pitviper species (Squamata Viperidae: *Bothriechis*) from the Costa Rican highlands, with notes on the variation within *B. nigroviridis.* *Zootaxa,* doi:10.11646/zootaxa.4138.2.3.


Walsh, Matthew. (2016). *Evolutionary divergence in transgenerational plasticity*. Presentation at Evolution, Austin, TX.


Walsh, Matthew. (2016). *The interplay between ecology and evolution in predator-prey dynamics*. Presentation at departmental seminar at Georgia Tech University.

Walsh, Matthew. (2016). *The interplay between ecology and evolution in predator-prey dynamics*. Presentation at departmental seminar at University of Massachusetts—Boston.

Walsh, Matthew. (2016). *Intraspecific variation in a predator and evolutionary divergence in prey*. Presentation at ESA, Fort Lauderdale, FL.


Westmoreland, Sandra, et al. (2016). *Implementing team-based learning and case studies to foster critical thinking in the science classroom*. Presented at the Annual International Meeting of Association of Science Teacher Educators (ASTE), Reno, NV.


Westmoreland, Sandra, et al. (2016). *Implementing team-based learning and case studies to foster critical thinking in the science classroom*. Presented at the Annual International Meeting of Association of Science Teacher Educators (ASTE), Reno, NV.

Chemistry and Biochemistry

Frederick MacDonnell, Chair


**Bugarin, Alejandro.** (2016, November). *Exploring triazenes versatility and other highly selective transformations.* Presentation at Texas Christian University, Fort Worth, TX.

**Bugarin, Alejandro.** (2016, April). *Exploring triazenes versatility and other highly selective transformations.* Presentation at the University of Nevada Las Vegas, Las Vegas, NV.

**Bugarin, Alejandro.** (2016, April). *Highly selective metal-free transformations and triazenes as versatile synthetic tools.* Presentation at the Universidad Autónoma de México, México City, México.

**Bugarin, Alejandro.** (2016, April). *Highly selective metal-free transformations and triazenes as versatile synthetic tools.* Presentation at the Universidad No. 1001, Col Chamilpa, Cuernavaca, Morelos, México.

**Bugarin, Alejandro.** (2016, February). *A new photobasic catalyst toward highly selective transformations.* Presentation at the Texas A&M University, Commerce, Commerce, TX.

**Bugarin, Alejandro.** (2016, April). *Redox economy and synergistic catalysis in the synthesis of significant building blocks (Abstracts).* Presentation at Angelo State University, San Angelo, TX.

**Bugarin, Alejandro.** (2016). *Society for the Advancement of Chicanos and Native Americans in Science outstanding faculty advisor award.*

**Bugarin, Alejandro.** (2016). *University of Texas at Arlington research enhancement grant.*

**Bugarin, Alejandro.** (2016, July). *Unlocking the reactivity of π-conjugated triazenes towards new organic transformations.* Poster presented at Stonehill College, Boston, MA.

**Bugarin, Alejandro.** (2016, August). *Versatility of triazenes and other highly selective transformations.* Presentation at Baylor University, Waco, TX.


Chowdhury, Saiful. (2016). *Mass spectrometry-cleavable chemical strategies for profiling protein interactions and protein modifications*. Presentation at the University of California Riverside, Riverside, CA.

Chowdhury, Saiful. (2016). *Mass spectrometry-cleavable chemical strategies for profiling protein interactions and protein modifications*. Invited presentation at Southern Methodist University, Dallas, TX.


Dias, Rasika, et al. (2016). Isolable ethylene complexes of copper(I), Silver(I), and Gold(I) supported by fluorinated scorpionates \([\text{HB}\{3-(\text{CF}_3),5-(\text{CH}_3)\text{Pz}\}_3\}^-\) and \([\text{HB}\{3-(\text{CF}_3),5-(\text{Ph})\text{Pz}\}_3\}^-\). *European Journal of Inorganic Chemistry*, doi:10.1002/ejic.201501365.


Foss, Frank, et al. (2016). Evidence of negative cooperativity and half-site reactivity within an \(\text{F}_{420}\)-dependent enzyme: Kinetic analysis of \(\text{F}_{420}\text{H}_2\cdot\text{NADP}^+\) oxidoreductase. *Biochemistry*, 55(7), 1082-1090.


Foss, Frank, et al. (2016). Non-chemical proton-dependent steps prior to \(\text{O}_2\)-activation limit *Azotobacter vinelandii* 3-mercaptopropionic acid dioxygenase (MDO) catalysis. *Archives of Biochemistry and Biophysics*, 604, 86-94.


Jeon, Junha. (2016). Catalytic silylation reactions: Organosilanes and organosilanols environmentally benign, versatile synthetic building blocks and synthetic targets. Invited presentation at University of Texas Southwestern Medical Center, Dallas, TX.


Kroll, Peter, et al. (2016). Gold(I) complexes $[\text{N}^{\{\text{C}_3\text{F}_7\}}\text{C}^{\text{Dipp}}\text{N}]_2\text{AuL}$ ($L =$ ethylene, tert-butyl isocyanide, tetrahydrothiophene, triphenylphosphine) and different triazapentadienyl ligand coordination modes. European Journal of Inorganic Chemistry, 35, 5435-5444.


Pierce, Bradley S., et al. (2016). Non-chemical proton-dependent steps prior to $\text{O}_2$-activation limit $\text{Azotobacter vinelandii}$ 3-mercaptpropionic acid dioxygenase (MDO) catalysis. Archives of Biochemistry and Biophysics, doi:10.1016/j.abb.2016.06.009.

Pierce, Bradley S., et al. (2016). The Gln-type thiol dioxygenase from $\text{Azotobacter vinelandii}$ is a 3-mercaptpropionic acid dioxygenase. Biochemistry, 54(51), 7477-7490.


**Earth and Environmental Sciences**

**Asish Basu, Chair**


Griffith, Elizabeth, et al. (2016). Moderate changes in Mg/Ca of seawater through the last 5 Ma. Poster presentation at the 12th International Conference on Paleoceanography, Utrecht, Netherlands.


Griffith, William (2016). *How dynamic stresses influence the properties of fault damage zones*. Presentation at the Southern California Earthquake Center Workshop on Processes that Control the Strength of Faults and Dynamics of Earthquakes, Palm Springs, CA.


Hu, Qinhong. (2016). How nano-sized hydrocarbon molecules move in fine-grained reservoirs with spatial wettability. Presentation at the NIST Center for Neutron Research, National Institute of Standards and Technology, Gaithersburg, MD.


Winguth, Arne. (2016). Biophysical feedbacks associated with clouds in hothouse climates of the past. Invited tech session seminar in the Earth & Environmental Sciences Department, University of Texas Arlington, Arlington, TX.


Winguth, Arne. (2016). Transition into a hothouse world at the Permian Triassic Boundary. Invited presentation at the Earth and Atmospheric Sciences Department, University of Nebraska Lincoln, Lincoln, NE.


**Mathematics**

*Jianzhong Su, Chair*


*Banda, Shanna.* (2016). *Math pathways and transfer*. Guest lecture at the Austin Conference, Texas Success Center’s Pathways to Progress Institute, Austin Community College, Austin, TX.


*Cordero, Minerva.* (2016). *Ford legendary woman [Award]*.


Epperson, James. (2016). *University of Texas at Arlington outstanding Honors College faculty award.*


Kribs, Christopher. (2016). *University of Texas at Arlington distinguished record of research or creative activity award.*

Kribs, Christopher. (2016). *University of Texas Regents outstanding teaching award.*


**Physics**

**Alexander Weiss, Chair**

**Asaadi, Jonathan.** (2016). *The Fermilab neutrino program.* Presentation at the Harvard Laboratory for Particle Physics and Cosmology Seminar, Cambridge, MA.


**Brandt, Andrew G., et al.** (2016). *B_s^0 lifetime measurement in the CP -odd decay channel B_s^0 \rightarrow j/\psi f_0 (980).* *Physical Review D—Particles, Fields, Gravitation and Cosmology,* doi:10.1103/PhysRevD.94.01


**ATLAS Collaboration**

All articles in the following section were authored by the following five Physics faculty members: Andrew G. Brandt, Kaushik De, Amir Farbin, Andrew White, and Jaehoon Yu, along with other scientists around the globe who are part of the ATLAS Collaboration. We have listed these articles only once for brevity.


Brandt, Andrew G., De, Kaushik, Farbin, Amir, White, Andrew, Yu, Jaehoon, et al. (2016). Search for charged Higgs bosons produced in association with a top quark and decaying via $H^\pm \rightarrow \tau^\pm \nu$ using $pp$ collision data recorded at $\sqrt{s} = 13$ TeV by the ATLAS detector. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, 759, 555-574.


De, Kaushik. See also ATLAS Collaboration Section, starting on page 100.


Deng, Yue. (2016). *University of Texas at Arlington College of Science research excellence award*.

Farbin, Amir. See ATLAS Collaboration Section, starting on page 100.


White, Andrew. See also ATLAS Collaboration Section, starting on page 100.

Yu, Jaehoon, See ATLAS Collaboration Section, starting on page 100.

**Psychology**

**Perry Fuchs, Chair**


Hass, Nicolette, et al. (2016). An exploratory qualitative assessment to identify skills-gap perceptions among graduate students, early work professionals, and industry leaders in the STEM fields. Presentation at the University of Texas at Arlington Annual Celebration of Excellence by Students, Arlington, TX.


Ickes, William, et al. (2016). Evidence for context switching in the effects of average item length and item-length variability on internal consistency. Poster presentation at the Annual Conference of the Midwestern Psychological Association, Chicago, IL.


Scott D. Ryan, Dean


Cronley, Courtney, et al. (2016, September). Reproductive health equity and survival: Reclaiming the voices of homeless mothers. Paper presented at the University of Texas Health Science Center’s Annual Conference on Community Engagement and Healthcare Improvement, San Antonio, TX.


Fields, Noelle. (2016, October). Transportation mobility for older adults in low density urban environments. Presentation for the Meeting the Challenges of Safe Transportation in an Aging Society Symposium, Advancing Transportation Leadership and Safety Center, Ann Arbor, MI.


Gutierrez, Marcela. (2016). Presidential Scholarship for the Academy Health Institute on Advocacy and Public Policy.


**Nordberg, Anne.** (2016, November). *The impact of police misconduct among black college students: A phenomenological study*. Presentation at the American Anthropological Association, Minneapolis, MN.

Nordberg, Anne. (2016). *University of Texas at Arlington School of Social Work innovative community academic partnership (ICAP) grant*.


Robinson-Freeman, Ericka. (2016). University of Texas at
Arlington School of Social Work BSW teaching excellence
award.

Sanchez, Katherine. (2016). Depression and anxiety among
participants in randomized trial of concurrent smoking-
cessation and substance use disorder treatment in stimulant-
dependent smokers. Presented at the Annual Conference
of the Society for Social Work and Research, Washington,
DC.

Sanchez, Katherine. (2016). Measuring and tracking integrated health
care (METRIHC): Results from a pilot study of Latinas with
Depression. Presented at the Annual Conference of the
Society for Social Work and Research, Washington, DC.

Sanchez, Katherine, et al. (2016). Demographic and clinical
characteristics of current comorbid psychiatric disorders
in a randomized clinical trial for adults with stimulant use
disorders. Psychiatry Research, 246, 136-141.

Sanchez, Katherine, et al. (2016). Depression screening and
education: Options to reduce barriers to treatment
(DESEO): Protocol for an educational intervention study.
BioMed Central Health Services Research, 16(1), 322.

Sanchez, Katherine, et al. (2016). Eliminating behavioral health
disparities and improving outcomes for racial and ethnic

Scannapieco, Maria. (2016). Examination of retention and length
of employment among public child welfare workers. Paper
presented at the National Title IV-E Roundtable, Salt
Lake City, UT.

Scannapieco, Maria. (2016). Reconnecting families: An analysis of
kinship adoption using AFCARS data. Presentation at the
Council of Social Work Education, Atlanta, GA.

Scannapieco, Maria. (2016). Transition from foster care to
independent living. Child and Adolescent Social Work

Scannapieco, Maria. (2016). University of Texas at Arlington Office of
the Vice President for Research Induction to the Academy of
Distinguished Scholars.

Scannapieco, Maria. (2016). Why we are here: Post secondary journey
of foster alumni. Paper presentation at the Texas REACH
Conference, El Paso, TX.

Scannapieco, Maria, et al. (2016). Correlates of child maltreatment
among adolescent mothers with young children. Journal
of Evidenced Based Social Work, 13(1).
doi:10.1080/15433714.2014.992696

Scannapieco, Maria, et al. (2016). Exploratory factor analysis
and reliability of the Child Welfare Trauma-Informed
Individual Assessment Tool. Journal of Public Child

Scannapieco, Maria, et al. (2016). Foster care to kinship adoption.

Scannapieco, Maria, et al. (2016). Transition from foster care to
independent living: Ecological correlates associated with
better outcomes. Child and Adolescent Social Work Journal,


Small, Eusebius, et al. (2016). Cultural competency in the global
setting: Are social work students prepared to serve in a
culturally diverse world? The British Journal of Social Work,
0, 1-17. doi:10.1093/bjsw/bcw050

Small, Eusebius, et al. (2016). Ecological factors of being bullied
among adolescents a classification and regression tree
approach. Child Indicators Research, doi:10.1007/s12187-
015-9343-1.

medicine use associated with cancer screening rates
for women with functional disabilities? Complementary
Therapies in Medicine, 24, 73-79. doi:10.1016/j.ctim.


Libraries


Chivers, Morgan. (2016). Combustion scars supplanted trees. [Solo Exhibition]. University of Nevada Reno DeLaMare Science & Engineering Library Makerspace, Reno, NV.


Chivers, Morgan. (2016). Partial perceptibility. [Solo Exhibition]. Fort Worth Community Arts Center, Fort Worth, TX.


Dodd, Samantha. (2016). Historical relevance: Making the case for archives using STEM. Presentation at the Society of American Archivists, Atlanta, GA.


Dodd, Samantha, et al. (2016). The space race—Moving and storing special collections. Presentation at the Cross Timbers Library Collaborative Conference, Fort Worth, TX.
Downing, Jeffrey. (2016). Digitizing for accessibility: Faculty collaboration, memorandum of understanding, and open access. Presented at the Cross Timbers Library Collaborative, Texas Christian University, Fort Worth, TX.


Newman, Kiriakis. (2016). *University of Texas at Arlington outstanding student leaders [Award]*.


Ossom Williamson, Peace. (2016). *Hospital Library Section professional development award*.


Peery, Katie. (2016, October). *Exploring the University of Texas at Arlington FabLab*. Presentation at the Texas Library Association District 7 Meeting, Arlington, TX.

Peery, Katie. (2016, July). *UTA FabLab*. Keynote presentation at the Cross Timbers Library Collaborative Conference, Fort Worth, TX.
Peery, Katie. (2016, April). *Makerspaces in higher education: How a FabLab can transform the student experience.* Presentation at the Texas Library Association Annual Conference, Houston, TX.


Reed, Michelle. (2016). *Undergraduates speak: Our rights & access [American Library Association Carroll Preston Baber Research Grant].*

Reed, Michelle. (2016). *Two paths converge: Designing educational opportunities on the intersections of scholarly communication and information literacy [selection as Association of College and Research Libraries curriculum developer and workshop presenter]*

Reed, Michelle. (2016, October). *What we talk about when we talk about OER.* Presentation at the University of Texas at Arlington Libraries Copyright Conference, Arlington, TX.


Shankle, Betty. (2016). *Academic evolution: The University of Texas at Arlington [Exhibition].* University of Texas at Arlington, TX.


Shankle, Betty, et al. (2016). *The space race: Moving and storing special collections.* Presentation at the Cross Timbers Library Collaborative Conference, Fort Worth, TX.


Wallace, Martin. (2016). *UTA FabLab and maker literacies panel.* Panel delivered at the Fab Now Conference in Fort Worth, TX.

Acknowledgments

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We are also grateful to the faculty of UTA, along with academic department staff, for contributing information for the creation of this bibliography and the accompanying website. Content was drawn from UTA’s Mentis Faculty Profile System, Digital Measures, UTA Influent, and supplemented with information from UTA department administrators and subject librarians. Although every effort was made to be comprehensive, we apologize for any errors or omissions.

Members of the UTA Libraries’ Faculty Creative Works 2016 Committee are Jody Bailey (chair and bibliography editing), Morgan Chivers (exhibit curation and design), Jeff Downing (digital displays), Ava Nell Harris (monograph acquisitions and display), Andy Herzog (bibliography data collection), Kathleen Houston (reception coordination), Andrew Leverenz (website creation direction), Antoinette Nelson (reception assistance), Kyle Pinkos (bibliography design and layout), Michelle Reed (bibliography editing), and Martin Wallace (patent exhibit). Website credit: Candy McCormic and Krystal Schenk.
Index

A

Abel, Jonathan 62
Abolmaali, Seyedali 21
Adams, J. 8
Adam, Thomas 62
Adnan, Ashfaq 48
Adorno, Gail F 115
Agnihotri, Raj 13
Agronafer, Dereje 48
Ahmad, Ishfaq 27
Aktosun, Tuncay 97
Alaimo, Stacy 60
Alameddin, Najia 67
Alexander, Amanda 52
Allen, Taryn 16
Almohmedi, Carla 14
Anderson, Cheryl 78
Ardekani, Siamak 22
Arena-Marshall, Carrie 78
Armanios, Erian A. 48
Armstrong, Daniel W 86
Asaadi, Jonathan 100
Aswath, Pranesh 46
Athitsos, Vassilis 27
Audirac, Ivonne 4
Ausbrooks, Carrie 17
Austin, Amy 67

B

Babiracki, Patryk 63
Bain, Anne E 115
Baker, Joy 78
Banda, Shanna 97
Barker, Evelyn 123
Barnes, Donelle M 79
Basham, Randall 115
Basu, Asish 93
Baxley, Susan 79
Beck, Este 60
Beebe, Kathryne 63
Bell, Bradley 3
Belli Bose, Melia 52
Bell, Myrtle 10
Benson, George S 10
Bergstrand, Kelly 73
Bertch, Felicia 74
Bertan, Esther 83
Bezborouh, Karabi 5
Bing, Robert 59
Black, Beverly 115
Blivens, Tonya 57
Bold, Lashaunn 12
Bond, Mary Lou 79
Bowling, Alan 48
Boyce, Brent 72
Brandt, Andrew G. 100
Bredow, Jonathan W 35
Brewer, Lauren 12
Bricout, John 115
Briggs, Elten 12
Brock, Ruthie 123
Brothers, Matthew 77
Brito, Marco 79
Brown, Casey 17
Bubert, Dennis 68
Bagarin, Alejandro 88
Burton, John 68
Butler, Donald P. 35
Butts, Marcus 10
Byrd, Miriam 72

C

Cacola, Priscila 77
Campbell, Jonathan 83
Carroll, Bill 27
Carter-Griffin, Monee 79
Casey, Colleen 5
Casper, Wendy J 11
Castoe, Todd 83
Cavallo, Ann 14
Cavanagh, Dan 68
Celik-Butler, Zeynep 36
Chakravarthy, Upendranath 27
Chang, Woo-Suk 84
Chao, Shih-Ho 22
Chapa, Joe 74
Chatterjee, Karishma 57
Che, Hao 27
Chen, Benito M. 97
Chen, Kay-Yut 8
Chen, Kun-Shan 36
Chen, Victoria 45
Chen, Wei 108
Chiao, Jung-Chih 36
Chiasson, Charles C 72
Chigbu, Kingsley 116
Chivvis, Morgan 123
Choi, C.-Y. 6
Choi, Hyeok 22
Chonko, Lawrence 12
Chowdhury, Saiful 89
Cho, Young-Hyun 68
Christensen, Shawn 84
Christie, Thomas 57
Chudoba, Bernd 49
Chuong, Cheng-Jen 19
Cipolla, Daisha 79
Clark, Andrew 57
Cobb, Norman 116
Cole, Stephanie 63
Collins, Denise 14
Conrad, Paul 63
Cook, Mark 123
Corder, Catherine 60
Cordero, Minerva 97
Corduneanu, Constantin 98
Courtney, Maureen 79
Cronley, Courtney 116
Croson, Rachel T 7
Crow, Mary 14
Csallner, Christoph 27
Cuntz, Manfred 109

D

Daniel, Kathryn 80
Das, Gautam 28
Dasgupta, Purnendu 89
Das, Sajal 28
Dave, Digant P. 19
Davis, Bradley 17
Davis, Jaya 59
Davoudi, Ali 36
De, Kaushik 109
Dellinger, Justin 63
Demhardt, Imre 63
Deng, Yue 109
Dennis, Brian 49
DeShay, Rashaan 59
Devarajan, Venkat 37
Dias, Rasika 89
Dodd, Samantha 123
Dogan, Atilla 49
Doughty, Teresa 14
Donjuan, Carlos 52
Domingo, Thomas 80
Dong, Jeong 55
Domingo, Thomas 80
Dong, Xiaoyan 55
Domenico, Domenico 89
Dombrowsky, Thomas 80
Donovan, Kevin 77
Downing, Jeffrey 124

E

Eakin, Mark E 8
Edmondson, Jerold A. 66
Edmonson, Jerold A. 66
Elmasri, Ramez A. 29
El Sayed, Sarah 59
Epperson, James 98
Evans, Clifton 69

F

Fadel, Paul 77
Fairbanks, Robert 64
Fang, Nick 22
Fan, Majie 93
Farbin, Amir 109
Fay, Jacqueline 60
Fegaras, Leonidas 29
Fields, Noelle 116
Fitzgerald, Colleen 66
Florentin, Bryan 53
Foss, Frank 90
Frank, Luanne 61
Frye, Linda 80
Fujita, Matthew 84

G

Gabel, T 7
Gagne, Jeffrey 111
Gao, Jean X 30
Garcia, Laura 53
Garrigus, John 64
Gatchel, Robert J. 111
Gaupp, Andrew 74
Ghandehari, Mostafa 22
Giberman, Daniel 72
Gonzalez, John 80
Gough, Laura 84
Graham, Lisa 53
Grantcharov, Dimitar 98
Gray, Jennifer R 80
Greer, Julienne 74
Griffith, Elizabeth 94
Griffith, William 94
Grisaffe, Douglas 12
Groagan, David 69
Grover, James, et al. 84
Gulliford, Bradley 124
Gustafson, Kevin 61
Gutierrez, Marcela 116

H

Haji-Sheikh, Abdolhossein 49
Hale, Greg 83
Hamby, Donna Leake 80
Hamidi, Shima 4
Han, Chien-Pai 98
Hao, Grace 8
Harp, Dustin 57
Harrison, Lonny 67
Harvey, Michelle 74
Hass, Nicolette 112
Haykowsky, Mark 80
Haynes, Sam 64
Healy, Anne 75
Hegar, Rebecca L 116
Heimerman, Christine 53
Heo, Jongyun 90
Hilton, Scott 53
Hoang, Bai Linh 72
Hoefler, Richard 116
Hojarat, Himan 22
Ho, L.C. Jennifer 6
Holliday, Kate 3
Holmes, Ramona 124
Hong, Yi 19
Hopman, David 4
Hossain, Md S. 22
Hough, Helen 124
Hower, Robert 53
Hoyos, Laureano R 23
Huang, Heng 30
Huang, Junzhou 31
Huber, Manfred 32
Huckaby, S. Gardiner 54
Huda, Muhammad 109
Huerta, Benito 54
Hullender, David 49
Hungerford-Kresser 14
Hunt, Graham 70
Hu, Qinhong 95
Hurdle, Julian G 84
Huseman, Ben 124
Hyle, Adrienne E 17

I

Ickes, William 112
Ingram, Penelope 61
Iqbal, Samir 37
Ivey, Dorothea 117

J

Jackson, Amanda 75
Jackson-McDougle, LaTasha 117
Jacobson, Heather 73
Jain, Ankur 49
Jalloh, Alusine 64
Janakiraman, Narayanan 12
Janvier, Kathleen 54
Jeong, Seokjin 59
Jeon, Junha 91
Jessup, Carol 70
Jiang, Hong 32
Jiang, Song 33
Jin, Mingwu 109
Johnson-Winters, Kayunta 91
Jolly, Marilyn 55
Jones, Erick C. 45
Jordan, Catherine 117
Joshi, Dibesh 50
Jung, Sungyung 37

K

Kallus, Angela 55
Kania, Sonia 68
Keller, Margaret 64
Kelly, K 7
Kenaston-French, Karen 70
Kenworthy, Jared B 112
Kermanshachi, Sharareh 23
Khavul, Susanna 11
Killian, Michael 117
Kim, Young-Tae 19
Klahr, Douglas 3
Knight, Meredith 75
Kojouharov, Hristo 98
Korzeniowski, Andrzej 98
Ko, Yekang 5
Krajewski, Bruce 61
Kribs, Christopher 98
Kroll, Peter 92
Kruzic, Andrew P 24
Kung, David C. 33
Kunovich, Robert 73
Kyle, Donald 64

L

Ladani, Leila 50
Lafevor, David 64
LaFontaine, kim 75
Land, Christopher 75
Lange, Diane 70
Lauster, Darryl 55
Lavelle, James 11
Leach, Jennifer 81
Lee, Gene 8
Lee, Joo 15
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lee, Wei-Jen</td>
<td>37</td>
</tr>
<tr>
<td>Leffer, Craig</td>
<td>70</td>
</tr>
<tr>
<td>Leffore, Judy</td>
<td>81</td>
</tr>
<tr>
<td>Lehmann, Peter</td>
<td>118</td>
</tr>
<tr>
<td>Lei, Yu</td>
<td>33</td>
</tr>
<tr>
<td>Levine, Daniel</td>
<td>112</td>
</tr>
<tr>
<td>Lewis, Frank</td>
<td>39</td>
</tr>
<tr>
<td>Liang, Qilian</td>
<td>41</td>
</tr>
<tr>
<td>Li, Chengkai</td>
<td>34</td>
</tr>
<tr>
<td>Liegey-Dougall, Angela</td>
<td>113</td>
</tr>
<tr>
<td>Lieser, Carol</td>
<td>82</td>
</tr>
<tr>
<td>Li, Jianling</td>
<td>5</td>
</tr>
<tr>
<td>Lin, Qing, et al.</td>
<td>113</td>
</tr>
<tr>
<td>Li, Ren-Cang</td>
<td>98</td>
</tr>
<tr>
<td>Liu, Chaoqun</td>
<td>99</td>
</tr>
<tr>
<td>Liu, Donggang</td>
<td>34</td>
</tr>
<tr>
<td>Liu, Fuqiang</td>
<td>47</td>
</tr>
<tr>
<td>Liu, Hanli</td>
<td>20</td>
</tr>
<tr>
<td>Liu, Ping</td>
<td>110</td>
</tr>
<tr>
<td>Liu, Yonghe</td>
<td>34</td>
</tr>
<tr>
<td>Liu, Yue</td>
<td>99</td>
</tr>
<tr>
<td>Li, Yizeng</td>
<td>98</td>
</tr>
<tr>
<td>Loocke, Matthew</td>
<td>96</td>
</tr>
<tr>
<td>Lopez, Ramon</td>
<td>110</td>
</tr>
<tr>
<td>Lovely, Carl</td>
<td>92</td>
</tr>
<tr>
<td>Lu, Frank</td>
<td>50</td>
</tr>
<tr>
<td>Luo, Cheng</td>
<td>50</td>
</tr>
<tr>
<td>Lyons, Mary</td>
<td>124</td>
</tr>
<tr>
<td>Lyons, Mary Jo</td>
<td>124</td>
</tr>
<tr>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Macdonnell, Frederick M.</td>
<td>92</td>
</tr>
<tr>
<td>Maddalena, Luca</td>
<td>50</td>
</tr>
<tr>
<td>Madden, Elissa E</td>
<td>118</td>
</tr>
<tr>
<td>Magnusson, Robert</td>
<td>42</td>
</tr>
<tr>
<td>Maher, Dennis</td>
<td>75</td>
</tr>
<tr>
<td>Makedon, Fillia</td>
<td>34</td>
</tr>
<tr>
<td>Makeev, Andrew V</td>
<td>50</td>
</tr>
<tr>
<td>Mancini, Mary</td>
<td>82</td>
</tr>
<tr>
<td>Mandal, Subhransu</td>
<td>92</td>
</tr>
<tr>
<td>Manry, Michael T.</td>
<td>43</td>
</tr>
<tr>
<td>Mariottini, Gian-Luca</td>
<td>34</td>
</tr>
<tr>
<td>Markham Shaw, Charla</td>
<td>57</td>
</tr>
<tr>
<td>Marshall, Thomas</td>
<td>72</td>
</tr>
<tr>
<td>Martin, Leisa</td>
<td>15</td>
</tr>
<tr>
<td>Mason, Melanie</td>
<td>57</td>
</tr>
<tr>
<td>Massa, Luca</td>
<td>51</td>
</tr>
<tr>
<td>Matthews, Leni</td>
<td>124</td>
</tr>
<tr>
<td>Mattingly, Stephen</td>
<td>24</td>
</tr>
<tr>
<td>Mattioli, Glen S</td>
<td>96</td>
</tr>
<tr>
<td>McCown, Julie</td>
<td>61</td>
</tr>
<tr>
<td>McDaniel, Carl.</td>
<td>13</td>
</tr>
<tr>
<td>McFadyen, M</td>
<td>11</td>
</tr>
<tr>
<td>McGee, Jeffrey</td>
<td>11</td>
</tr>
<tr>
<td>McCall, Stephen</td>
<td>15</td>
</tr>
<tr>
<td>Meiners, Roger</td>
<td>7</td>
</tr>
<tr>
<td>Meletis, Efstadthos</td>
<td>47</td>
</tr>
<tr>
<td>Melotto, Maeli</td>
<td>85</td>
</tr>
<tr>
<td>Melton, Janet</td>
<td>15</td>
</tr>
<tr>
<td>Miletich, Marko J.</td>
<td>68</td>
</tr>
<tr>
<td>Miller, Roger</td>
<td>7</td>
</tr>
<tr>
<td>Milson, Andrew</td>
<td>15</td>
</tr>
<tr>
<td>Ming, Jiang</td>
<td>35</td>
</tr>
<tr>
<td>Mitchell, Cheryl</td>
<td>55</td>
</tr>
<tr>
<td>Mitschéke, Diane B</td>
<td>118</td>
</tr>
<tr>
<td>Mohanty, Samarendra K</td>
<td>110</td>
</tr>
<tr>
<td>Moon, Hyejin</td>
<td>51</td>
</tr>
<tr>
<td>Moon, Sung S</td>
<td>119</td>
</tr>
<tr>
<td>Morris, Christopher</td>
<td>65</td>
</tr>
<tr>
<td>Morris, Lidia</td>
<td>14</td>
</tr>
<tr>
<td>Morris, Timothy</td>
<td>61</td>
</tr>
<tr>
<td>Munoz, Ricardo</td>
<td>3</td>
</tr>
<tr>
<td>Murrah-Mandril, Erin</td>
<td>61</td>
</tr>
<tr>
<td>Musielak, Zdzislaw</td>
<td>110</td>
</tr>
<tr>
<td>Mydlarz, Laura D</td>
<td>85</td>
</tr>
<tr>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Nagoshi, Craig</td>
<td>113</td>
</tr>
<tr>
<td>Najafi, Mohammad.</td>
<td>24</td>
</tr>
<tr>
<td>Napier, Randy</td>
<td>9</td>
</tr>
<tr>
<td>Narrett, David</td>
<td>65</td>
</tr>
<tr>
<td>Nelson, Larry</td>
<td>78</td>
</tr>
<tr>
<td>Nerur, Sridhar</td>
<td>9</td>
</tr>
<tr>
<td>Nestell, Merlynd</td>
<td>96</td>
</tr>
<tr>
<td>Newman, Kirikais</td>
<td>124, 125</td>
</tr>
<tr>
<td>Ngai, Joseph H</td>
<td>111</td>
</tr>
<tr>
<td>Nguyen, Kytai T</td>
<td>20</td>
</tr>
<tr>
<td>Nomura, Seiichi</td>
<td>51</td>
</tr>
<tr>
<td>Nordberg, Anne</td>
<td>119</td>
</tr>
<tr>
<td>North, Kenda</td>
<td>55</td>
</tr>
<tr>
<td>Nussbaum, Charles</td>
<td>72</td>
</tr>
<tr>
<td>O</td>
<td></td>
</tr>
<tr>
<td>Olson, Debbie</td>
<td>61</td>
</tr>
<tr>
<td>Apollo, Jackline</td>
<td>82</td>
</tr>
<tr>
<td>Orantara, Soontorn</td>
<td>43</td>
</tr>
<tr>
<td>Ortiz, Andrew</td>
<td>55</td>
</tr>
<tr>
<td>Ozdil, Taner</td>
<td>5</td>
</tr>
<tr>
<td>P</td>
<td></td>
</tr>
<tr>
<td>Palmeri, Nancy</td>
<td>56</td>
</tr>
<tr>
<td>Pal, Suva</td>
<td>99</td>
</tr>
<tr>
<td>Pant, Mohan</td>
<td>15</td>
</tr>
<tr>
<td>Pan, Zui</td>
<td>82</td>
</tr>
<tr>
<td>Park, Sangwook</td>
<td>111</td>
</tr>
<tr>
<td>Passy, Sophia</td>
<td>85</td>
</tr>
<tr>
<td>Paulus, Paul</td>
<td>113</td>
</tr>
<tr>
<td>Peery, Kate</td>
<td>125</td>
</tr>
<tr>
<td>Peng, Yuan B.</td>
<td>113</td>
</tr>
<tr>
<td>Perrotti, Linda</td>
<td>113</td>
</tr>
<tr>
<td>Peterson, Lynn</td>
<td>35</td>
</tr>
<tr>
<td>Petro-Nustas, Wasileh</td>
<td>82</td>
</tr>
<tr>
<td>Pierce, Bradley S.</td>
<td>92</td>
</tr>
<tr>
<td>Pillai, Vijayan</td>
<td>119</td>
</tr>
<tr>
<td>Pole, Kathryn</td>
<td>15</td>
</tr>
<tr>
<td>Popa, Dan</td>
<td>43</td>
</tr>
<tr>
<td>Porter, Kevin</td>
<td>61</td>
</tr>
<tr>
<td>Praetorius, Regina</td>
<td>119</td>
</tr>
<tr>
<td>Prater, Edmund</td>
<td>9</td>
</tr>
<tr>
<td>Pribanic-Smith, Erika</td>
<td>58</td>
</tr>
<tr>
<td>Price, Iya</td>
<td>66</td>
</tr>
<tr>
<td>Puppala, Anand</td>
<td>24</td>
</tr>
<tr>
<td>R</td>
<td></td>
</tr>
<tr>
<td>Raja, Manjeri K</td>
<td>9</td>
</tr>
<tr>
<td>Rajeshwar, Krishnan</td>
<td>92</td>
</tr>
<tr>
<td>Rasheed, Abdul</td>
<td>11</td>
</tr>
<tr>
<td>Rasmussen, Stephanie</td>
<td>6</td>
</tr>
<tr>
<td>Raudonis, Barbara M</td>
<td>82</td>
</tr>
<tr>
<td>Ray, Christopher T</td>
<td>78</td>
</tr>
<tr>
<td>Reece, Derek</td>
<td>125, 126</td>
</tr>
<tr>
<td>Reed, Michelle</td>
<td>126</td>
</tr>
<tr>
<td>Ricard, Mark</td>
<td>78</td>
</tr>
<tr>
<td>Richardson, Timothy</td>
<td>61</td>
</tr>
<tr>
<td>Robinson-Freeman, Ericka</td>
<td>120</td>
</tr>
<tr>
<td>Rodriguez, Alejandro</td>
<td>5</td>
</tr>
<tr>
<td>Rodriguez, John J.</td>
<td>59</td>
</tr>
<tr>
<td>Roemer, Kenneth</td>
<td>61</td>
</tr>
<tr>
<td>Rogers, Jimmy</td>
<td>93</td>
</tr>
<tr>
<td>Rohr, Jessica</td>
<td>66</td>
</tr>
<tr>
<td>Romero-Ortega, Mario</td>
<td>21</td>
</tr>
<tr>
<td>Roner, Michael</td>
<td>85</td>
</tr>
<tr>
<td>Ronyak, Jennifer M</td>
<td>70</td>
</tr>
<tr>
<td>Rosenberg England, Nancy</td>
<td>62</td>
</tr>
<tr>
<td>Rosenberger, Jay M.</td>
<td>45</td>
</tr>
<tr>
<td>Rouse, Linda</td>
<td>73</td>
</tr>
<tr>
<td>Rueda-Acedo, Alicia</td>
<td>68</td>
</tr>
<tr>
<td>Ruiz-Perez, Ignacio</td>
<td>68</td>
</tr>
<tr>
<td>S</td>
<td></td>
</tr>
<tr>
<td>Sabbagh, Joseph</td>
<td>66</td>
</tr>
<tr>
<td>Sabherwal, Sanjiv</td>
<td>8</td>
</tr>
<tr>
<td>Salinas, Cristina</td>
<td>65</td>
</tr>
<tr>
<td>Samson, Robert</td>
<td>126</td>
</tr>
<tr>
<td>Sanchez, Katherine</td>
<td>120</td>
</tr>
<tr>
<td>Sanchez, Terri</td>
<td>70</td>
</tr>
<tr>
<td>Sarkar, Salil K</td>
<td>8</td>
</tr>
<tr>
<td>Sasley, Brent</td>
<td>72</td>
</tr>
<tr>
<td>Sattler, Melanie</td>
<td>25</td>
</tr>
<tr>
<td>Saxon, Gerald</td>
<td>65</td>
</tr>
<tr>
<td>Scannapieco, Maria</td>
<td>120</td>
</tr>
<tr>
<td>Schenk, Krystal</td>
<td>126</td>
</tr>
<tr>
<td>Schug, Kevin</td>
<td>93</td>
</tr>
<tr>
<td>Semingson, Peggy</td>
<td>16</td>
</tr>
<tr>
<td>Seo, Dong-Jun</td>
<td>26</td>
</tr>
<tr>
<td>Shankle, Betty</td>
<td>126</td>
</tr>
<tr>
<td>Sharma, Suresh</td>
<td>111</td>
</tr>
<tr>
<td>Shikolas, Panos</td>
<td>51</td>
</tr>
<tr>
<td>Shin, Hyeong-Moo</td>
<td>96</td>
</tr>
</tbody>
</table>

Index
Shipman, Barbara 99
Sikora, Riyaz 9
Skantz, Terrance 6
Skiles-duToit, Sara 73
Sloan, Kevin 4
Small, Eusebius 120
Smallwood, Aaron D 7
Smith, Dwain 56
Smith, Eric 85
Smith, Johanna 62
Smith-Osborne, Alexa 121
Sparks, David 16
Speier, Amy 74
Spivey, Christy 7
Srinidhi, Bin 6
Stohr, Rachel 59
Stotter, Douglas 70
Strom, E. Thomas, 93
Stvan, Laurel 66
Subbarao, Kamesh 51
Subramaniam, Chandra 6
Su, Jianzhong 99
Sun, Yuze 43

T
Tang, Liping 21
Tanizaki, Seiichiro 93
Taylor, Martin 6
Teng, James 9
Terrasi, Tore 56
Thomas, Herschel 73
Thompson, Thomas 8
Tigner, Amy 62
Tjutatja, Saibun 43
Tobolowsky, Barbara 17
Tommerdahl, Jodi 16
Tong, Albert Y. 51
Torres Ramos, Alison 62
Trache, Maria 17
Travis, Charles 65
Tremayne, Mark 59
Trowbridge, Cindy 78
Turcotte, Marc 100
Turner, Ashanti J 96

U
Unzicker, Jack 71
Uribe, Gary Joe 56

V
Vaccaro, Mary 56
Vasilyev, Michael 44
Venkataraman, Ramgopal 6
Visnak, Kelly 126

W
Wallace, Martin 126
Walsh, Matthew 86
Walvoord, Martha 71
Wang, Jingguo 9
Wang, Shouyi 45
Wan, Yan 44
Ward, Michael 7
Warren, Kathryn 62
Wasserman, Lewis 18
Watson, Larry 121
Watson, Sonja 68
Weiss, Barton 56
Westmoreland, Sandra 86
Wetz, David A 44
White, Andrew 111
Whiteside, Mary 10
Williford, Kenneth W 72
Wilson, Donald R. 51
Winguth, Arne 96
Witzel, Jeffrey 66
Witzel, Naoko 67
Wood, Gerald 72
Wood, Nicholas 56
Wright, Beth 57

X
Xu, Ling 121

Y
Yang, Zhiyong 13
Yasar, Mahmut 8
Yazdani, Nur 26
Yoon, Suwon 67
Young, Michael E 82
Young, Robert L 74
Yuan, Baohong 21
Yuan, Feirong 12
Yu, Jaehoon 111
Yu, Xinbao 26

Z
Zaruba, Gergely 35
Zeng, Li 46
Zhang, Jie 10
Zhang, Yi 18
Zhang, Yuejiao 62
Zhou, Weidong 44
Zimmer, Kenyon 65