

2017

Faculty Creative Works

The University of Texas at Arlington

Faculty Creative Works 2017

Evelyn Barker, Editor

Mavs Open Press 2018



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Introduction

The University of Texas at Arlington Libraries are pleased to host the tenth 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 2017. The Libraries host this event to shine a spotlight on the impressive depth and breadth of scholarship and creativity produced by UTA faculty.

This year, 428 colleagues are represented in these pages and on the Faculty Creative Works website at library.uta.edu/fcw. They have produced over 1,200 works reflecting the innovation, discovery, global impact, and high standards of the University. We congratulate these scholars for achieving unprecedented excellence in research, teaching, and community engagement, and for defining the future of UTA.



Rebecca Bichel

UTA Libraries Dean

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College of Architecture, Planning and Public Affairs

Adrian Parr, Dean

Ellin, Nan. (February 26, 2017). How DFW could go from a bunch of strong cities to a regional powerhouse. *Dallas Morning News, Sunday Points*.

Ellin, Nan. (February 10, 2017). Trinity River could be a game-changer for north Texas. *Fort Worth Star-Telegram*.

Ellin, Nan, et al. (January 16, 2017). Fair Park could become a vibrant part of the city, but how do we pay for it? *Dallas Morning News*.

Architecture

Bradley Bell, Interim Director

Bell, Bradley. (2017). *Digital thinking digital making prototyping, simulation, and material science*. Presented at the Faculty Lecture Series, Tulane School of Architecture.

Bell, Bradley, et al. (2017). Probabilistic building energy performance analysis of ultra-high-performance fiber-reinforced-concrete (UHP-FRC) façade system. In *Proceedings of the IWCCE, June 25–27*.

Holliday, Kate. (2017). *Architecture and memory in Dallas–Fort Worth*. Lecture presented as part of the Hermanns Lecture Series, University of Texas at Arlington Department of English, Arlington, TX.

Holliday, Kate. (October 26, 2017). Constructing Houston’s future: The architecture of Arthur Evan Jones and Lloyd Morgan Jones. *Cite Magazine*.

Holliday, Kate. (2017). The road to disinvestment: How highways divided the city and destroyed neighborhoods. *Columns Magazine*, 34(1), 26–33.

Holliday, Kate. (2017). *State of the city address*. Address presented at the Dallas Festival of Ideas, Dallas Convention Center, April 29, Dallas, TX.

Holliday, Kate. (2017). *Urban giants: Telephone buildings and the rise of the Bell monopoly*. Keynote speech presented at the Art Deco Society Annual Meeting, New York, NY.

Holliday, Kate. (2017). *Vertical expansion: Telephone infrastructure and density in the urban market*. Presentation at the Ten and Taller Symposium, Skyscraper Museum, New York, NY.

Holliday, Kate. (2017). Walking in Zaha’s shoes. *Columns Magazine*, 34(4), 68.

Jenewein, Oswald. (2017). *CAPPA fall exhibition architecture & interior design* [Curator].

Jenewein, Oswald. (2017). *CAPPA spring exhibition architecture & interior design* [Curator].

Klahr, Douglas. (2017). *Ambiguous containers of propaganda: Paradoxes of Nazi stereoscopic photo books*. Exhibit presented at the Andrew W. Mellon Foundation & Rare Book School, University of Virginia Conference, Bibliography among the Disciplines, Philadelphia, PA.

Klahr, Douglas. (2017). Department stores and their display windows during the prewar Third Reich: Prevailing within a hostile Nazi consumer culture. In Anca Lasc, Patricia Lara-Betancourt, and Margaret Maile Petty (Eds.), *Architectures of Display: Department Stores and Modern Retail* (pp. 217–232). New York: Routledge.

Klahr, Douglas. (2017). Stereoscopic architectural photography and Merleau-Ponty's phenomenology. *Zarch Journal of Interdisciplinary Studies in Architecture and Urbanism*, 9, 84–105.

Mehta, Madan, et al. (2017). *Building construction: Principles, materials and systems* (3rd ed.). Pearson.

Quevedo, Steven. (2017). SOA + SUPA 50th Anniversaries Exhibit, September 5–November 17, Max W. Sullivan Gallery, University of Texas at Arlington, Arlington, TX.

Rusher, Thomas. (2017). Works exhibited at Dallas Museum of Art, Dallas, TX.

Planning and Landscape Architecture

Diane Allen, Program Director of Landscape Architecture

Allen, Diane. (2017). *Lost in the transit desert: Race, transit access, and suburban form*. New York: Routledge.

Allen, Diane, et al. (Eds.). (2017). *Design as democracy: Techniques for collective creativity*. Washington, DC: Island Press.

Hopman, David. (2017). *Aesthetically qualified native plant polycultures: Rationale, methods, and ongoing research results*. Paper presentation for the Council of Educators in Landscape Architecture Annual Meeting in Beijing, China.

Ozdil, Taner. (2017). Kent Parklari cin yer kazanmak: Bir Dallas Kent Park hikayesi/Gaining space for urban landscape: A story of an urban park in Dallas. *Kentli Journal*, 63–68.

Ozdil, Taner, et al. (2017). Developing with water: Assessing residents' perception of waterfront landscapes in Las Colinas urban center. In *Proceedings of the CELA, Texas, USA. Beijing, China*.

Ozdil, Taner, et al. (2017). Measuring social performance in historical city centers for sustainable urban landscapes: A case study of Bursa UNESCO heritage site. In *Proceedings of the European Council of Landscape Architecture Schools (ECLAS) Conference*.

Public Affairs

Alejandro Rodriquez, Interim Chair

Bezboruah, Karabi, et al. (2017). Microcredit and development: A multi-level examination of women's participation in microfinance institutions. *Development in Practice*, 27(3), 328–339, doi: 10.1080/09614524.2017.1298723.

Cartwright, Gregg. (2017). *50th SUPA anniversary film*.

Cartwright, Gregg, et al. (2017). Community reinvestment act (CRA) of 1977 and local governance contexts: Advancing the future of community reinvestment. *Cityscape*, 19(2), 137–160.

Cartwright, Gregg, et al. (2017). *High school dropout: A critical study in economically disadvantaged urban areas*. Presented at the 47th Urban Affairs Conference, Minneapolis, MN.

Parajon, James. (2017). *Inducted into the College of Fellows sponsored by American Institute of Certified Planners*.

College of Business

Harry Dombrowski, Dean

Accounting

Li-Chin Jennifer Ho, Chair

- Hall, Thomas W.**, et al. (2017). An examination of instructor-related student feedback survey results. In *University Research Report*. Arlington, TX: University of Texas at Arlington Faculty Senate [Research report].
- Mark, Richard S.** (2017). *Accounting ethics*. Lecture at the Alumni CPE Day, University of Texas at Arlington Department of Accounting, Arlington, TX; Dallas Chapter TSCPA, Dallas, TX.
- Mark, Richard S. (2017). *Ethical issues for accountants*. Lecture at the Novartis Corporation, Fort Worth, TX; Keynote/plenary Address at the Tax Executive Institute, Fort Worth, TX.
- Nagarajan, Nandu.** (2017). *Founder control, opacity and firm value*. Paper presented by co-author at the American Accounting Association, San Diego, CA.
- Nagarajan, Nandu. (2017). *How do auditors respond to litigation? An analysis of post-litigation audit fees, auditor market share and portfolio strategies*. Paper presented at the University of Texas at Arlington COB Incubator workshop series, Arlington, TX.
- Nagarajan, Nandu. (2017). *Readability of financial disclosures and the cost of raising equity capital*. Paper presented at the Lone Star Conference, University of Texas at Arlington, Arlington, TX.
- Rasmussen, Stephanie J.**, et al. (2017). The restating of financial statements by REITs. *Journal of Accounting, Auditing and Finance*, doi: 10.1177/0148558X15607748.
- Srinidhi, Bin.** (2017). *GEO regulatory focus and auditing*. Paper presented at the College of Business, University of Texas at Arlington, Arlington, TX.
- Srinidhi, Bin. (2017). *Founder control, opacity and value creation in family firms*. Paper presented at the Lone Star Conference, University of Texas at Arlington, Arlington, TX.
- Srinidhi, Bin, et al. (2017). Board gender diversity, audit fees and auditor choice. *Contemporary Accounting Research*, 34(3), 1681–1714.
- Srinidhi, Bin, et al. (2017). Does high quality auditing mitigate or encourage private information collection? *Contemporary Accounting Research*.
- Venkataraman, Ramgopal**, et al. (2017). High hemoglobin is an independent risk factor for the development of hemolysis during pediatric extracorporeal life support. *Journal of Intensive Care Medicine*.

Economics

Roger Meiners, Chair

- Brown, Tara Colleen.** (2017). *An introduction to behavioral economics: How my actions affect you.* Oral presentation at the DFW Area Business Economists March 2017 meeting, Dallas, TX.

- Choi, Chi-Young.** (2017). *Geographic inequality of economic well-being among U.S. Cities: Evidence from micro panel data*. Oral presentation at the Midwest Econometrics Group Meeting, Texas A&M University, College Station, TX; Conference on Health and Development, Academia Sinica, Taiwan.
- Choi, Chi-Young. (2017). *Regional economic well-being disparities and asymmetric impact of labor market condition: Evidence from micro panel data*. Invited Presentation at the Conference on Health and Development, Academia Sinica, Taiwan.
- Choi, Chi-Young. (2017). *Rethinking the choice between core and headline inflation: Does it matter which one to target?* Invited oral presentation at the Asian Meeting of the Econometric Society (AMES), Chinese University of Hong Kong.
- Choi, Chi-Young, et al. (2017). Monetary policy regime change and regional inflation dynamics: Looking through the lens of sectoral data in Korea. *Pacific Economic Review*, 22(5), 814–840.
- Choi, Chi-Young, et al. (2017). Segmentation of consumer markets in the U.S.: What do the U.S. retail prices tell us. *Canadian Journal of Economics*, 50(3), 738–777.
- Crowder, William J.** (2017). *Cay: A specification analysis*. Paper presented at the 2017 Southern Economic Association Meeting, Tampa, FL.
- Gabel, Todd,** et al. (2017). Did tax cuts on earned income reduce welfare participation in Canada? *Australian Tax Institute*, 32(1), 175–195.
- Gabel, Todd, et al. (2017). Does Obamacare save lives? A closer look into a passionate proposition [Blog post]. *The Fraser Institute Blog*. Vancouver, Canada: The Fraser Institute.
- Gabel, Todd, et al. (2017). The economics of protest. *The Heartland Institute Diary, IEEE, Red State, CA*.
- Gabel, Todd, et al. (2017). The left is out of ideas—because all their old ones have already been accepted. *The Daily Caller*.
- Gabel, Todd, et al. (2017). The less work required, the happier we'll be [Blog post]. *The Fraser Institute Blog*. Vancouver, Canada: The Fraser Institute.
- Gabel, Todd, et al. (2017). Who was affected by new welfare reform strategies? Microdata estimates from Canada. *Applied Economics*, 49(14), 1395–1413, doi: 10.1080/00036846.2016.1218428.
- Himarios, Jane S.** (2017). *Money creation exercises*. Demonstration at the McGraw-Hill Education Economics Symposium, Phoenix, AZ.
- Kass, Malcolm.** (2017). *Effects of endogenous selection on prosocial behavior*. Paper presented at the University of Munich, Munich, Germany.
- Kass, Malcolm, et al. (2017). The not-so-free agent: Non-performance factors that contribute to free agent compensation premiums. In *Sport Management Review*. Amsterdam, Netherlands: Elsevier.
- Liggett, Ronald W.** (2017). *The college classroom—current economic topics*. Lecture at the AP Economic Institute Seminar, University of Texas at Arlington, Arlington, TX.
- Meiners, Roger.** (2017). Bad economics, good law: The concept of externality. In J. Hall (Ed.), *Explorations in Public Sector Economics: Essays by Prominent Economists* (3rd ed.). Cham, Switzerland: Springer.
- Meiners, Roger. (2017). *Regulating our way to prosperity? The use and abuse of cost-benefit analysis in regulatory decision-making*. Policy Brief, PERC, March [Monograph]. Bozeman, MT: Property and Environment Research Center.
- Meiners, Roger, et al. (2017). *Legal environment of business*. Boston, MA: Cengage Learning.
- Miller, Roger LeRoy,** et al. (2018). *The economics of macro issues*. New York, NY: Pearson.
- Miller, Roger LeRoy. (2018). *Economics today*. New York, NY: Pearson Education.
- Miller, Roger LeRoy, et al. (2018). *The economics of public issues*. New York, NY: Pearson.

Spivey, Christy. (2017). *Moblab: Experiential learning using decision-making experiments and games*. Oral presentation at the Teaching with Technology, Magna, Baltimore, MD.

Spivey, Christy, et al. (2017). Creating infographics to enhance student engagement and communication in health economics. *Journal of Economic Education*, 48(3), 198–205.

Ward, Michael R. (2017). *Homophily and engagement: Evidence from a video game network*. Panel presentation at the Third Annual Conference on Network Science and Economics, St. Louis, MO.

Ward, Michael R. (2017). *Homophily and social network engagement: Evidence from a video gaming network*. Panel presentation at the 15th Economics of Information and Communication Technologies Conference at ZEW, Mannheim, Germany; Munich Summer Institute, Munich, Germany; International Panel Data Conference, Thessaloniki, Greece.

Wehr, Roger. (2017). *Celebrating economics: Incorporating the holidays in the classroom*. Lecture at the 13th Annual Economics Teaching Conference, National Economics Teaching Association & Cengage, Indianapolis, IN.

Wehr, Roger, et al. (2017). Connect masters by Asarta & Butters. In *Connect Masters* (3rd ed.). New York: McGraw-Hill.

Wunder, Timothy A. (2017). *Who can afford children?* Paper presented at the Association for Evolutionary Economics Conference, Chicago, IL.

Yasar, Mahmut. (2017). *Export tax rebates, markup and resource misallocation*. Paper presented at the INFORMS Annual Conference, Houston, TX; Baylor University Seminar.

Yasar, Mahmut. (2017). *Exporting and pollution abatement expenditure: Evidence from firm-level data*. Paper presented at the Southern Economic Association, Tampa, FL; Midwest International Trade Conference, SMU.

Finance and Real Estate

J. David Diltz, Chair

Adams, John C. (2017). *Diseconomies of scale in the actively managed mutual fund industry revisited*. Paper presented at the World Finance Conference.

Adams, John, et al. (2017). Do long-short and market neutral mutual funds sail on even keel. *Journal of Investing*, 26(4) 69–80.

Adams, John, et al. (2017). The restating of financial statements by REITs, 2017. *Journal of Accounting, Auditing and Finance*, 32(3).

Hao, Qing. (2017). *Can credit risk explain market participants' cognitive biases?—Evidence from anchoring bias in analysts' earnings forecasts*. Paper presented at the Financial Management Association Latin American Conference, Mexico City, Mexico.

Hao, Qing. (2017). *Short selling around the expiration of IPO share lockups*. Paper presented at the Financial Management Association Annual Meeting, Boston, MA.

Rakowski, David, et al. (2017). *Institutional investor preferences: Evidence from exchange-traded notes*. Oral presentation at the FMA 2016 Annual Meeting, Las Vegas, Nevada; 2017 EFA Annual Meeting, Jacksonville, FL; EFMA 2017 Annual Meeting, Athens, Greece; Institutional Investor Preferences: Evidence from Exchange-traded Notes.

Rakowski, David, et al. (2017). *Is all that twitters gold? Social media attention and stock returns*. Oral presentation at the ABFE, UCLA; Research Incubator, University of Texas at Arlington, Arlington, TX.

Sabherwal, Sanjiv. (2017). *Does stardom affect the informativeness CEO trades? Evidence from insider trades by star and non-star CEOs of S&P 1500 firms*. Paper presented at the FMA Conference, Boston, MA.

Sabherwal, Sanjiv, et al. (2017). *Political party affiliation of the president, majority in congress, and sin stock returns*. Paper presented at the FMA European Conference, Lisbon, Portugal.

- Sabherwal, Sanjiv, et al. (2017). Political party affiliation of the president, majority in congress, and sin stock returns. *Financial Management*, 46(1), 3–31 (editors best paper award).
- Sarkar, Salil K.** (2017). *CFA-DFW review course and study program workshop*.
- Thompson, Thomas.** (2017). *An examination of the impact of filings on carve-out parent returns*. Oral Presentation at the Southern Finance Association, Southern Finance Association, Key West, FL; Southwestern Finance Association, Southwestern Finance Association, Little Rock, AR.
- Thompson, Thomas, et al. (2017). Exploring a market curiosity: Re-evaluating the super bowl indicator. *Managerial Finance*, 43(2), 167–177, doi: 10.1108/MF-05-2016-0131.
- Villupuram, Sriram.** (2017). *Analyst expectations and actual performance of regional economies with and without FOMC representation*. Paper presented at the American Real Estate and Urban Economics Association, Chicago, IL.
- Villupuram, Sriram. (2017). *Housing and health: The effects on the community*. Keynote/plenary address at the DFW Affordable Housing Forum, Federal Deposit Insurance Corporation/ Office of the Comptroller of Currency, Grand Prairie TX.
- Villupuram, Sriram. (2017). *The new trend on asymmetric risk measures for REITs*. Paper presented at the American Real Estate Society, Coronado, CA.
- Villupuram, Sriram. (2017). *Real estate marketing and the modern world*. Paper presented at the American Real Estate Society, Coronado, CA.
- Villupuram, Sriram. (2017). *Retail marijuana establishments and commercial real estate spillovers*. Paper presented at the American Real Estate and Urban Economics Association, Chicago, IL.
- Villupuram, Sriram, et al. (2017). The value of credit rating changes across economic cycles. *Journal of Economics and Business*, 92.

Information Systems and Operations Management

Mary Whiteside, Chair

- Chen, Kay-Yut.** (2017). *The behavioral traps of making multiple, simultaneous, newsvendor decisions*. Paper presented at the POMS annual meeting, Production and Operations Management Society, Seattle, WA.
- Chen, Kay-Yut. (2017). *An experimental investigation of transshipment and local decision making*. Paper presented at the POMS annual meeting, Production and Operations Management Society, Seattle, WA.
- Chen, Kay-Yut. (2017). *Neural network modeling of business decision making*. Paper presented at the International Joint Conference on Neural Network, Anchorage, AK.
- Chen, Kay-Yut. (2017). *Neural network modeling of gist and verbatim in business decision making*. Poster presented at the Society for Judgment and Decision Making, Society for Judgment and Decision Making, Vancouver.
- Chen, Kay-Yut. (2017). *Profit sharing or target-with-bonus? A behavioral investigation*. Paper presented at the POMS Annual Meeting, Production and Operations Management Society, Seattle, WA.
- Eakin, Mark E.** (2017). *How statistics is essential to business analytics (or not)!* Poster presented at the Joint Statistical Meetings, American Statistical Association, Baltimore, MD.
- Napier, Randy.** (2017). *Maturity models for operations management: Toward a unifying framework*. Oral Presentation at the Annual Conference of the Decision Sciences Institute-Southwest Region, Decision Sciences Institute-Southwest Region, Little Rock, AR.
- Nerur, Sridhar Panchapakesan,** et al. (2017). Agility in software development and project value: An empirical investigation. *Journal of Database Management*, 28(4), doi: 10.4018/JDM.2017100103.

- Nerur, Sridhar Panchapake, et al. (2017). Exploring the structure of software development research: A preliminary text analysis. *AMCIS2017, IT Project Management*.
- Nerur, Sridhar Panchapake, et al. (2017). Intellectual structure of business analytics in information systems. *AMCIS2017, Advances in Management Information Systems Research (General Track)*.
- Nerur, Sridhar Panchapake, et al. (2017). Mob programming—a promising innovation in the agile toolkit. *AMCIS2017, Systems Analysis and Design*.
- Sikora, Riyaz.**, et al. (2017). An adaptive supplier selection mechanism in eprocurement marketplace. *Journal of International Technology and Information Management*, 26(2).
- Wang, Jingguo.** (2017). *Adoption of an authentication system: Is security the only consideration?* Paper presented at the ICIS Conference.
- Wang, Jingguo. (2017). Coordination of the traditional and the online channels for a short-life-cycle product. *European Journal of Operational Research*, doi: 10.1016/j.ejor.2016.09.020.
- Wang, Jingguo. (2017). *Exploring proactive information security behavior in organizations*. Oral Presentation at the DSI Conference.
- Wang, Jingguo. (2017). *Influence of technology affordance on the adoption of mobile technologies for diabetes self-management*. Paper presented at the International Conference for Smart Health.
- Wang, Jingguo. (2017). *Information security policy compliance*. Presented at Dalian University of Science and Technology.
- Wang, Jingguo. (2017). *Modeling insider threat behavior in financial institutions*. Presented at the University of Alabama; University of North Texas.
- Wang, Jingguo. (2017). *Multilateral contracts in information security outsourcing*. Presented at the American University.
- Wang, Jingguo. (2017). *Opting for identity theft protection services: The role of anticipated distress*. Poster presented at the ICIS Conference.
- Wang, Jingguo. (2017). *Who subscribes to identity theft protection service? An exploration of antecedent factors*. Paper presented at the DSI, Washington, DC.
- Wang, Jingguo, et al. (2017). Adoption of identity protection service: An integrated protection motivation-precaution adoption process model. In *Proceedings of AMCIS*.
- Wang, Jingguo, et al. (2017). Coordination of the traditional and the online channels for a short-life-cycle product. *European Journal of Operational Research*, 258(2), 639–651.
- Wang, Jingguo, et al. (2017). Coping in phishing detection: An investigation of antecedents and consequences. *Information Systems Research*, 28(2), 378–396.
- Wang, Jingguo, et al. (2017). Employees' information security policy compliance behavior: A norm activation perspective. *Decision Support Systems*, 92(12), 36–46.
- Wang, Jingguo, et al. (2017). An examination of an e-authentication service as an intervention in e-mail risk perception. *Journal of Information Privacy and Security*, 13(1), 2–16.
- Wang, Jingguo, et al. (2017). *How user information assurance influences perceived information control in cloud storage service: A self determination perspective*. Paper presented at the 12th Annual the Midwest Association for Information Systems (Best Paper Award).
- Whiteside, Mary.** (2017). *How statistics is essential to business analytics (or not)!* Poster presented at the Joint Statistical Meetings, Baltimore, MD.
- Whiteside, Mary. (2017). *Text analytics and citation analysis from a statistician's perspective*. Paper presented at the Annual Meeting of the Decision Sciences Institute, Washington, DC.

Zhang, Jie. (2017). *Advertising or subscription: The optimal revenue model of a video-sharing platform*. Oral Presentation at the China Summer Workshop on Information Management; Theory in Economics of Information Systems Conference; Production and Operation Management Society Annual Conference.

Zhang, Jie. (2017). *Optimal subsidy and tax policies for green product considering consumer environmental awareness*. Oral presentation at the Hawaii International Conference on Systems Sciences.

Zhang, Jie. (2017). *Winning strategies in dynamic innovation tournaments*. Oral Presentation at the Production and Operation Management Society Annual Conference.

Zhang, Jie, et al. (2017). Expert blogs and general consumer perceptions of competing brands. *MIS Quarterly*, 41(2), 371–395.

Zhang, Jie, et al. (2017). Self-selection biases in online product reviews. *MIS Quarterly*, 41(2), 449–471.

Management

Abdul Rasheed, Chair

Bell, Myrtle P. (2017). Coming to America: Work visas, international diversity, and organizational attractiveness among highly skilled Asian immigrants. *International Journal of Human Resource Management*, doi: 10.1080/09585192.2017.1322116.

Casper, Wendy J. (2017). *Current methodological issues in work-life research*. Discussant on symposium at the Academy of Management, Atlanta, GA.

Casper, Wendy J. (2017). *Employee performance implications of electronic interruptions at work*. Paper presented at the Academy of Management, Atlanta, GA.

Casper, Wendy J. (2017). *How nonwork engagement enhances creativity: The moderating role of mindfulness*. Paper presented at the Society for Industrial/Organizational Psychology Conference, Orlando, FL.

Casper, Wendy J. (2017). *Organizational behavior research networking forum: The work-nonwork interface*. Oral Presentation at the Academy of Management Conference, Atlanta, GA.

Casper, Wendy J. (2017). *Working on work-life balance in academia*. Webinar at the American Association of Anatomists.

Casper, Wendy J., et al. (2017). Do multicultural Hispanic Americans choose more culturally appropriate persuasive arguments than monocultural Americans. *Journal of International Consumer Marketing*, 2(2).

Casper, Wendy J., et al. (2017). In search of balance: A conceptual and empirical integration of multiple meanings of work-family balance. *Personnel Psychology*, 70, 167–210.

Crawford, Wayne. (2017). *LMX and transformational leadership: A critical review*. Paper presented at the Southern Management Association Conference, St. Petersburg, FL.

Crawford, Wayne. (2017). *You gotta keep ‘em separated: The efficacy of proximal remedies for method variance*. Paper presented at the Southern Management Association Conference, St. Petersburg, FL.

Datta, Deepak K. (2017). *The effects of ownership and compensation structures on the choice between Greenfield Subsidiaries and joint ventures in foreign market entry*. Oral Presentation at the European Academy of Management Annual Meeting.

McFadyen, M. Ann. (2017). *External funding and emergent technology inputs*. Paper presented at the Academy of Management Annual Meeting, Atlanta, GA.

McFadyen, M. Ann, et al. (2017). Sexual harassment: Have we made any progress? *Journal of Occupational Health Psychology*, 22(3), 286–298.

Nordtvedt, Liliana, et al. (2017). *Resources, innovative outcomes, and the symbolic and substantive performance of entrepreneurial firms*. Paper presented at the Academy of Management Annual Meeting, Academy of Management, Atlanta, GA.

- Quick, Jim C., et al.** (2017). Best practice recommendations for scale construction in organizational research: The development and initial validation of the character strength inventory (CSI). *Journal of Organizational Behavior*, 38, 615–628.
- Quick, Jim C., et al. (2017). *Handbook of stress and health: A guide to research and practice*. Chichester, UK: Wiley Blackwell.
- Quick, Jim C., et al. (2017). Learning to lead: Biographical inquiry through Goolsby interviews. In *The Field Guide to Leadership Development: Elgar Field Guides* (pp. 61–75). Northampton, MA: Edward Elgar.
- Quick, Jim C., et al. (2017). *Organizational behavior* [Textbook]. Mason, OH: South-Western/Cengage Learning.
- Quick, Jim C., et al. (2017). Power struggles with the top management team: An empirical examination of follower reactions to subversive leadership. *Journal of Applied Biobehavioral Research*, 22(December),.
- Quick, Jim C., et al. (2017). Sexual harassment: Have we made any progress? *Journal of Occupational Health Psychology*, 22(3), 286–298, doi: 10.1037/ocp0000054.
- Rasheed, Abdul A.** (2017). *Corporate social responsibility, corporate political activities, and firm performance*. Paper presented at the Academy of Management Annual Meetings, Academy of Management, Atlanta, GA.

Marketing

Fernando Jaramillo, Chair

- Agnihotri, Raj.** (2017). *Firm's digital marketing pursuits: Examining the role of social media and salesperson knowledge for B2B relationships*. Paper presented at the SMA Annual Conference, Society for Marketing Advances.
- Agnihotri, Raj. (2017). *It's just a matter of time: Identifying time-oriented traits and leadership strategies to achieve ambidextrous selling performance in b2b markets*. Conference paper.
- Agnihotri, Raj. (2017). *Social media enabled social capital: The role of salesperson time management and organization innovation climate*. Paper presented at the AMA Summer Marketing Educator Conference.
- Agnihotri, Raj, et al. (2017). Salesperson ambidexterity and customer satisfaction: Examining the role of customer demandingness, adaptive selling and role conflict. *Journal of Personal Selling and Sales Management*, 37(1), 27–41.
- Agnihotri, Raj, et al. (2017). Salesperson networking behaviors and creativity: Exploring an unconventional relationship. *Marketing Management Journal*, 27(1).
- Agnihotri, Raj, et al. (2017). Social media use in b2b sales and its impact on competitive intelligence collection and adaptive selling: Examining the role of learning orientation as an enabler. *Industrial Marketing Management*.
- Agnihotri, Raj, et al. (2017). Translating sales effort into service performance: It's an emotional ride. *Journal of Personal Selling and Sales Management*, 37(2), 100–112, doi: <http://dx.doi.org/10.1080/08853134.2017.1287577>.
- Agnihotri, Raj, et al. (2017). Value contribution of personal selling and direct-to-consumer advertising in the pharmaceutical industry. *Marketing Management Journal*, 27(1).
- Brewer, Lauren, et al.** (2017). Effects of service provider's facial attractiveness on customer outcomes. *Society for Marketing Advances*.
- Briggs, Elten D., et al.** (2017). *How B2B customers emotions can influence their intention to recommend a service provider*. Presented at the Frontiers in Service Conference, New York, NY.
- Chonko, Lawrence B., et al.** (2017). Achieving top performance while building collegiality in sales: It all start with ethics. *Journal of Business Ethics*.
- Grisaffe, Douglas B.** (2017). *Differential effects of pay-it-forward and direct-reciprocity on prosocial behavior*. Oral conference presentation.

- Grisaffe, Douglas B. (2017). *Why consumers like to shop at their favorite retail store? a scale for measuring retailers' likeability*. Oral conference presentation.
- Grisaffe, Douglas B., et al. (2017). Statistical perceptual maps: Using confidence region ellipses to enhance the interpretations of brand positions in multidimensional scaling. *Journal of Marketing Analytics*, 5(3-4), 81-98.
- Jaramillo, Jorge F.** (2017). *Meta-analysis*. Lecture at the Univeradiad de La Rioja, Spain.
- Jordan, Tatia.** (2017). *The age of group me and yelp: Peer review in the marketing classroom*. Presented at the Academy of Business Research Conference, San Antonio, TX. Best paper award winner.
- Saini, Ritesh.** (2017). *Color lightness shapes hierarchy: When darker comes first*. Paper presented at the Advances in Consumer Research, San Diego, CA.
- Saini, Ritesh. (2017). *Regulatory focus and donation to proactive and reactive causes*. Paper presented at the Advances in Consumer Research, San Diego, CA.
- Yang, Zhiyong,** et al. (2017). *Abusive supervision, customer orientation, and job performance*. Presentation at the Thought Leader Conference on Marketing Strategy in Digital, Data-Rich, and Developing Environments, June 2-4, Beijing, China.
- Yang, Zhiyong, et al. (2017). Bitter mouth, sweet future: The effect of bitter flavor on saving. *Journal of Experimental Social Psychology*, 70, 48-58.
- Yang, Zhiyong, et al. (2017). *Differential effects of pay-it-forward and direct-reciprocity on prosocial behavior*. Presentation at the 12th Royal Bank International Research Seminar, September 21-23, Montreal, Canada.
- Yang, Zhiyong, et al. (2017). *The effect of local-global identity on price-quality judgments*. Presentation at the Society for Consumer Psychology, February 16-19, San Francisco, CA.
- Yang, Zhiyong, et al. (2017). *Effectiveness of zero pricing in TOU demand reponses at the residential level*. Presentation at the IEEE 53rd Industrial & Commercial Power System Conference, May 8-11, Niagra Falls, ON, Canada.
- Yang, Zhiyong, et al. (2017). *The impact of moral identity on green consumption: The role of responsibility for environmental damage*. Presentation at the 12th Royal Bank International Research Seminar, September 21-23, Montreal, Canada.
- Yang, Zhiyong, et al. (2017). Regulatory focus and donation to proactive and reactive causes. *Association for Consumer Research*.

College of Education

Teresa Taber Doughty, Dean

Curriculum and Instruction

Daniel H. Robinson, Chair

- Brown, Amber L.**, et al. (2017). Evaluating the efficacy of children participating in home instruction for parents of preschool youngsters and Head Start. *Journal of Early Childhood Research*, doi: 10.1177/1476718X15577006.
- Cavallo, Ann**, et al. (2017). Increasing physics teacher production by replicating the UTeach preparation model and awarding Noyce scholarships. *Scientia in Educatione*, 8, 199–206.
- Cavallo, Ann, et al. (2017). *Southwest regional dialogue on stimulating research and innovation for pre-service education of stem teachers in high need schools*. Invited Paper presented at the Robert Noyce Teacher Scholarship Program Summit of the National Science Foundation and American Association for the Advancement of Science, Washington, DC.
- Lee, Joo Hi**, et al. (2017). Analyses of children’s mathematics proficiency from ECLS-K 1998 and 2010 cohorts: Why early mathematics? *Contemporary Issues in Early Childhood*, 18(1), 99–103.
- Lee, Joo Hi, et al. (2017). Investigating students’ perceptions of motivating factors of online class discussions. *The International Review of Research in Open and Distributed Learning*, 18(5), 148–172.
- Martin, Leisa A.** (2017). *Citizenship engagement: Responses from high school students*. Presented at the International Conference on Education and Social Development, Houston, TX.
- Martin, Leisa A. (2017). Citizenship engagement: Responses from high school students. *Journal of Education and Social Development*, 1(1), 14–20, doi: 10.5281/zenodo.893618.
- Martin, Leisa A. (2017). Exploring diversity within citizenship behavior. *Journal for Multicultural Education*, 11(3), 224–234, doi: <https://doi.org/10.1108/JME-04-2016-0027>.
- Martin, Leisa A. (2017). Research from the educational forum: E pluribus unum: Mohawk Indian students’ views regarding the U.S. Pledge of Allegiance [Blog post]. *The Educational Forum*.
- Martin, Leisa A. (2017). Teacher candidates respond to teaching the junior achievement curriculum: An exploratory study. *Sage Open*, 7(1), doi: 10.1177/2158244017697159.
- Martin, Leisa A., et al. (2017). *Culturally inclusive science teaching for promoting equal educational opportunities*. Presentation at the American Educational Research Association, San Antonio, TX.
- Martin, Leisa A., et al. (2017). Infusing culturally responsive science curriculum into early childhood teacher preparation. *Research in Science Education*, 47(5), 1–14, <http://rdcu.be/uOZT> doi: 10.1007/s11165-017-9647-x.
- Martin, Leisa A., et al. (2017). Investigating students’ perceptions of engaging factors of online class discussions. *International Review of Research in Open and Distributed Learning*, 18(5), 148–170.
- Martin, Leisa A., et al. (2017). The United States pledge of allegiance ceremony: Do youth recite the pledge. *Sage Open*, 7(1), doi: 10.1177/2158244017701528.

- Owens, Dana,** et al. (2017). Exploring virtual reality, synchronous learning, and google apps with preservice teachers with an interactive technology workshop and tutorial. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1795–1800). Chesapeake, VA: Association for the Advancement of Computing in Education.
- Pant, Mohan.** (2017). Characterizing log-logistic (II) distributions through methods of percentiles and l-moments. *Applied Mathematical Sciences*, 11(7), 311–329, doi:10.12988/ams.2017.612283.
- Pant, Mohan, et al. (2017). 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*, 46(2), 1611–1627, doi:10.1080/0361091.
- Pant, Mohan, et al. (2017). Simulating uniform- and triangular-based double power method distributions. *Journal of Statistical and Econometric Methods*, 6(1), 1–44.
- Pole, Kathryn,** et al. (2017). *Staying current: A digitally focused professional development series and partnership in a college of education*. Paper presented at the Society for Information Technology and Teacher Education Conference, Chesapeake Bay.
- Schwartz, Marc S.,** et al. (2018). *Research in mind, brain, and education*. New York: Routledge.
- Semingson, Peggy.** (2017). Engaging non-traditional students with (mobile-compatible) microlearning. *The EvoLLLution*.
- Semingson, Peggy, et al. (2017). Beyond netiquette guidelines: Best practices for proactively fostering professional communication behaviors in e-learning. In J. Dron & S. Mishra (Eds.), *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (pp. 467–471). Vancouver, British Columbia, Canada: Association for the Advancement of Computing in Education.
- Semingson, Peggy, et al. (2017). Booktubing, or when reader response meets 21st-century literacies. *The ALAN Review*, 44(3).
- Semingson, Peggy, et al. (2017). Exploring virtual reality, synchronous learning, and google apps with preservice teachers with an interactive technology workshop and tutorial. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 1795–1800). Chesapeake, VA: Association for the Advancement of Computing in Education.
- Semingson, Peggy, et al. (2017). The interactive online course-level orientation module: Fostering TPACK and an introduction to domain knowledge. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 287–292). Chesapeake, VA: Association for the Advancement of Computing in Education.
- Semingson, Peggy, et al. (2017). The multimodal memoir project: Remembering key YA texts. *The ALAN Review*, 44(2), 92–97.
- Semingson, Peggy, et al. (2017). Scaling up e-learning: Best practices for teaching online classes with a large enrollment. In J. Dron & S. Mishra (Eds.), *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (pp. 472–476). Vancouver, British Columbia, Canada: Association for the Advancement of Computing in Education.
- Semingson, Peggy, et al. (2017). Social scholarship and the networked scholar: Researching, reading, and writing the web. *Educational Media International*, doi:10.1080/09523987.2017.1391525.
- Semingson, Peggy, et al. (2017). Staying current: A digitally focused professional development series and partnership in a college of education. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 560–565). Chesapeake, VA: Association for the Advancement of Computing in Education.

Yoon, Jiyoan. (2017). Developing a list and a rubric of interactive open education resources for science teacher candidates of diverse students. *Technology, Education, and Management Informatics Journal*, 6(3), 512–524, doi: 10.18421/TEM63–12.

Yoon, Jiyoan, et al. (2017). Infusing culturally responsive science curriculum into early childhood teacher preparation. *Research in Science Education*, 1–14, 10.1007/s11165–017–9647-x.

Yoon, Jiyoan, et al. (2017). Science song project: Integration of science, technology and music to learn science and process skills. *K-12 STEM Education*, 3(3), 235–250.

Educational Leadership and Policy Studies

Mario Martinez, Chair

Allen, Taryn Ozuna. (2017). Managing expectations and striving to succeed: A portrait of a Latino male students experience in an early college high school. *Journal of Applied Research in the Community College*.

Allen, Taryn Ozuna, et al. (2017). Exploring the need for leadership at minority-serving institutions. In R. T. Palmer, A. T. Arroyo, D. C. Maramba, T. O. Allen, T. Fountaine-Boykin, & J. M. Lee (Eds.), *Effective Leadership at Minority Serving Institutions: Exploring Opportunities and Challenges for Leadership*. (pp. 12–41). New York, NY: Routledge.

Allen, Taryn Ozuna, et al. (2017). Setting the stage: Emerging knowledge on leadership at MSIs. In R. T. Palmer, A. T. Arroyo, D. C. Maramba, T. O. Allen, T. Fountaine-Boykin, & J. M. Lee (Eds.), *Effective Leadership at Minority Serving Institutions: Exploring Opportunities and Challenges for Leadership*. New York, NY: Routledge.

Allen, Taryn Ozuna, et al. (Eds.). (2017). *Effective leadership at minority serving institutions: Exploring opportunities and challenges for leadership*. New York, NY: Routledge.

Davis, Bradley, et al. (2017). Civil liberties in cyberspace. In M. Lewis, E. Shaver, A. Blankenship, & M. Paige (Eds.), *The Principal's Legal Handbook* (6th ed.). Dayton, OH: Education Law Association.

Davis, Bradley, et al. (2017). Pathways to the principalship: An event history analysis of the careers of teachers with principal certification. *American Educational Research Journal*, 54(2), 207–240.

Robert, Catherine E., et al. (2017). School discipline disparity: Converging efforts for better student outcomes. *The Urban Review*, 49(2), 239–262.

Tobolowsky, Barbara. (2017). Anti-intellectualism and faculty: Representations of the prime-time professoriate. In B. F. Tobolowsky & P. J. Reynolds (Eds.), *Anti-intellectual representations of American colleges and universities: Fictional higher education* (pp. 161–178). New York, NY: Palgrave MacMillan.

Tobolowsky, Barbara. (2017). Cultivating anti-intellectualism in the fictional university. In B. F. Tobolowsky & P. J. Reynolds (Eds.), *Anti-intellectual representations of American colleges and universities: Fictional higher education* (pp. 1–14). New York, NY: Palgrave MacMillan.

Tobolowsky, Barbara, et al. (2017). Concluding thoughts on representations of higher education: Anti-intellectualism and other themes. In B. F. Tobolowsky & P. J. Reynolds (Eds.), *Anti-Intellectual Representations of American Colleges and Universities: Fictional higher education*. New York, NY: Palgrave MacMillan.

Tobolowsky, Barbara, et al. (Eds.). (2017). *Anti-intellectual representations of American colleges and universities: Fictional higher education*. New York, NY: Palgrave- Macmillan.

Tobolowsky, Barbara, et al. (2017). *Anti-intellectual representations of American colleges and universities: Fictional higher education*. New York: Palgrave Macmillan US.

- Trache, Maria.** (2017). *Employment and earnings of international science and engineering graduates of U.S. universities: A comparative perspective.*, with Throy Campbell and Krishna Bista presented at the American Educational Research Association Annual Conference, April 27-May 1, San Antonio, TX.
- Trache, Maria, et al. (2017). *Effectively maintained inequality: Understanding Texas high school students' endorsement enrollments* [Technical report]. Texas OnCourse Research Network, UT Austin, Austin, TX.
- Trache, Maria, et al. (2017). What matters to students' satisfaction: A comparative study between vertical and horizontal transfer students at 4-year universities. *Community College Journal of Research and Practice*.
- Wasserman, Lewis,** et al. (2017). The Garcetti Effect and the Curtailment of Free Speech Rights in K-12 Public Education. *Teachers College Record Volume, 119(6)*, 1–28.
- Zhang, Yi.** (2017). *Community college transfer students' success in stem fields of study: Impact of engagement on baccalaureate degree attainment.* Presented at the Council for the study of Community Colleges (CSCC), Fort Worth, TX.
- Zhang, Yi. (2017). *The expanding role of the community college: Using new lenses to analyze international applications.* Presented at the Council for the study of Community Colleges, Fort Worth, TX.
- Zhang, Yi. (2017). *International community college student success: Factors influencing academic performance, persistence, and degree attainment.* Presented at the American Educational Research Association, San Antonio, TX.
- Zhang, Yi. (2017). Models of community colleges in mainland china. *New Directions for Community Colleges*, 41–49.
- Zhang, Yi. (2017). *Role of student-faculty interactions in stem success: Transfer students' experiences at both 2- and 4-year institutions.* Presented at the Council for the study of Community Colleges, Fort Worth, TX.
- Zhang, Yi, et al. (2017). Resident assistant mattering: Do placement and community size matter. *The Journal of College and University Student Housing*, 43(2), 28–43.

College of Engineering

Peter E. Crouch, Dean

Bioengineering

Michael Cho, Chair

- Behbehani, Khosrow**, et al. (2017). Obstructive sleep apnea: Brain hemodynamics, structure, and function. *Journal of Applied Behavioral Research*, 22(4), e12101, <https://doi.org/10.1111/jabr.12101>.
- Hong, Yi**, et al. (2017). Asymmetric sensory-motor regeneration of transected peripheral nerves using molecular guidance cues. *Scientific Reports*, 7, 14323.
- Hong, Yi, et al. (2017). A dual-modality system for both multi-color ultrasound-switchable fluorescence and ultrasound imaging. *International Journal of Molecular Science*, 18(2), 323.
- Hong, Yi, et al. (2017). Low initial modulus biodegradable polyurethane elastomers for soft tissue regeneration. *ACS Applied Materials & Interfaces*, 9(3), 2169–2180.
- Hong, Yi, et al. (2017). Lung protection by inhalation of exogenous solubilized extracellular matrix. *PLoS One*, e0171165.
- Hong, Yi, et al. (2017). The mechanisms and biomedical applications of an NIR BODIPY-based switchable fluorescent probe. *International Journal of Molecular Science*, 18(2), 384.
- Hong, Yi, et al. (2017). An optical probe for detecting chondrocyte apoptosis in response to mechanical injury. *Scientific Reports*, 7, 10906.
- Hong, Yi, et al. (2017). Patterning bioactive proteins or peptides on hydrogel using photochemistry for biological applications. *Journal of Visualized Experiments*, 127, e55873.
- Hong, Yi, et al. (2017). Skeletal muscle derived stem cells microintegrated into a biodegradable elastomer for reconstruction of the abdominal wall. *Biomaterials*, 113, 31–41.
- Lee, Juhyun**, et al. (2017). Light-sheet fluorescent imaging to localize cardiac lineage and protein distribution. *Scientific Reports*, 7.
- Lee, Juhyun, et al. (2017). A rapid capillary-pressure driven micro-channel to demonstrate Newtonian fluid behavior of zebrafish blood at high shear rates. *Scientific Reports*, 7.
- Liu, Hanli**, et al. (2017). Up-regulation of cerebral cytochrome-c-oxidase and hemodynamics by transcranial infrared laser stimulation: A broadband near infrared spectroscopy study. *Journal of Cerebral Blood Flow and Metabolism*, 37(12), 3789–3802.
- Tian, Fenghua**, et al. (2017). Impairment of cerebral autoregulation in pediatric extracorporeal membrane oxygenation associated with neuroimaging abnormalities. *Neurophotonics* 4(4), 041410.
- Tian, Fenghua, et al. (2017). Elevated cranial ultrasound resistive indices are associated with improved neurodevelopmental outcomes one year after pediatric cardiac surgery: A single center pilot study. *Heart Lung* 46(4), 251–257.

- Tian, Fenghua, et al. (2017). Hemodynamics of speech production: An fNIRS investigation of children who stutter. *Scientific Reports*, 7(1), 4034, 2017.
- Tian, Fenghua, et al. (2017). Novel wavelet real time analysis of neurovascular coupling in neonatal encephalopathy. *Scientific Reports*, 7.
- Tian, Fenghua, et al. (2017). Up-regulation of cerebral cytochrome-c-oxidase and hemodynamics by transcranial infrared laser stimulation: A broadband near-infrared spectroscopy study. *Journal of Cerebral Blood Flow & Metabolism*, 271678X17691783.
- Yuan, Baohong**, et al. (2017). Canny edge-based deformable image registration. *Physics in Medicine and Biology*, 62(3), 966–985, doi: 10.1088/1361-6560/aa5342.
- Yuan, Baohong, et al. (2017). A dual-modality system for both multi-color ultrasound-switchable fluorescence and ultrasound imaging. *International Journal of Molecular Sciences*, 18(2), 323, doi:10.3390/ijms18020323.
- Yuan, Baohong, et al. (2017). The mechanisms and biomedical applications of an NIR BODIPY-based switchable fluorescent probe. *International Journal of Molecular Sciences*, 18(2), 384, doi:10.3390/ijms18020384.
- Hossain, Sahadat, et al. (2017). Estimating landfill leachate BOD and COD based on rainfall, ambient temperature, and waste composition: Exploration of a MARS statistical approach. *Environmental Technology and Innovation*, 8, 1–16. DOI: 10.1016/j.eti.2017.03.003.
- Hossain, Sahadat, et al. (2017). Impact of wet-dry cycles on the shear strength of high plastic clay based on direct shear testing. *Geotechnical Special Publication*, doi: 10.1061/9780784480472.065.
- Hossain, Sahadat, et al. (2017). Investigation of a shallow slope failure on expansive clay in Texas. *Engineering Geology*, 219, 118–129. DOI: 10.1016/j.enggeo.2016.10.004.
- Hossain, Sahadat, et al. (2017). Performance evaluation of a bioreactor landfill operation. *Geotechnical Special Publication*, doi: 10.1061/9780784480434.028.
- Hossain, Sahadat, et al. (2017). *Sustainable slope stabilization using recycled plastic pins*. Boca Raton, FL: CRC Press.
- Hoyos, Laureano R.** (2017). Diffused double-layer swell prediction model to better characterize natural expansive clays. *Journal of Engineering Mechanics*, 143(9), 04017069, doi: 10.1061/(ASCE)EM.1943-7889.0001292.
- Hoyos, Laureano R., et al. (2018). *Advances in characterization and analysis of expansive soils and rocks: Proceedings of the 1st GeoMEast International Congress and Exhibition, Egypt 2017 on Sustainable Civil Infrastructures*. Cham, Switzerland: Springer International Publishing.
- Hyun, Kate Kyung**, et al. (2017). Influence of personal concerns about travel on travel behavior. In *Proceedings of the Annual Meeting of the Transportation Research Board, Washington, DC*.
- Hyun, Kate Kyung, et al. (2017). Long distance truck tracking from advanced point detectors using a selective weighted Bayesian model. *Journal of Transportation Research Part C*, 82, 24–42.
- Hyun, Kate Kyung, et al. (2017). A sensor location decision model for truck flow measurement. *Journal of the Transportation Research Board*, 2644, 1–10.

Civil Engineering

Syedali Abolmaali, Chair

- Abolmaali, Seyedali.** (2017). Meridian stresses in thin-walled steel pipes as reason for cross-sectional ovalization. *Journal of Pipeline Systems Engineering and Practice*, doi: 10.1061/(ASCE)PS.1949-1204.0000246.
- Ghandehari, Mostafa**, et al. (2017). *Oscillation of graphene plates*. Presented at the American mathematical Society, Washington State University.
- Hossain, Sahadat**, et al. (2017). Characterization of the geo-environmental properties of untreated or cement treated recycled base materials in pavement base layer applications. *Geotechnical Special Publication*, doi: 10.1061/9780784480441.043.

Hyun, Kate Kyung, et al. (2017). Truck weight distributions at traffic count sites using WIM and GPS data. In *Proceedings of the Annual Meeting of the Transportation Research Board, Washington, DC*.

Mattingly, Stephen, et al. (2017). Impact of weather factors on go-around frequency. (U.S.) National Research Council. In *Proceedings of the Transportation Research Board 96th Annual Meeting Online*, 17–03934.

Romanoschi, Stefan. (2017). Empirical models for permanent deformation of subgrade soils from the data collected at the pavement subgrade performance study. *Journal of Materials in Civil Engineering*, doi: 10.1061/(ASCE)MT.1943-5533.0001785.

Sabatino, Samantha, et al. (2017). Bridge life-cycle performance and cost: Analysis, prediction, optimization and decision-making. *Structure and Infrastructure Engineering*, 1–19, doi: 10.1080/15732479.2016.1267772.

Sattler, Melanie L., et al. (2017). Estimating landfill leachate BOD and COD based on rainfall, ambient temperature, and waste composition: Exploration of a MARS statistical approach. *Environmental Technology and Innovation*, doi: 10.1016/j.eti.2017.03.003

Sattler, Melanie L., et al. (2017). Renewable Energy from Waste: Investigation of Co-pyrolysis between Sargassum Macroalgae and Polystyrene. *Energy and Fuels*, doi: 10.1021/acs.energyfuels.6b03397.

Seo, Dong-Jun. (2017). Creation of multisensor precipitation products from WSI NOWrad reflectivity data. *Journal of Hydrologic Engineering*, doi: 10.1061/(ASCE)HE.1943-5584.0001216.

Seo, Dong-Jun. (2017). Recursive estimators of mean-areal and local bias in precipitation products that account for conditional bias. *Advances in Water Resources*, doi: 10.1016/j.advwatres.2017.01.002.

Zhang, Yu, et al. (2017). Recursive estimators of mean-areal and local bias in precipitation products that account for conditional bias. *Advances in Water Resources*, 101, 49–59.

Zhang, Yu, et al. (2017). Comparison of Probabilistic Quantitative Precipitation Forecasts from Two Postprocessing Mechanisms. *Journal of Hydrometeorology*, 18(11), 2873–2891. doi:10.1175/JHM-D-16-0293.1

Computer Science and Engineering

Hong Jiang, Chair

Ahmad, Ishfaq, et al. (2017). A comparison of evolutionary techniques for task-to-core scheduling algorithms with performance, energy, and temperature optimization. *7th International Green and Sustainable Computing Conference*, doi: 10.1109/IGCC.2016.7892608.

Athitsos, Vassilis. (2017). Leveraging intra-class variations to improve large vocabulary gesture recognition. *2016 23rd International Conference on Pattern Recognition*, doi: 10.1109/ICPR.2016.7899751.

Athitsos, Vassilis, et al. (2017). *CogniLearn: A deep learning-based interface for cognitive behavior assessment*. Paper presented at the ACM Conference on Intelligent User Interfaces.

Athitsos, Vassilis, et al. (2017). *Improving the accuracy of the CogniLearn system for cognitive behavior assessment*. Paper presented at the Pervasive Technologies Related to Assistive Environments.

Athitsos, Vassilis, et al. (2017). *Local frame match distance: A novel approach for exemplar gesture recognition*. Paper presented at the European Signal Processing Conference.

Athitsos, Vassilis, et al. (2017). Principal motion components for one-shot gesture recognition. *Journal on Pattern Analysis and Applications*, 20(1), 167–182.

Athitsos, Vassilis, et al. (2017). *Providing meaningful alignments for periodic signs*. Paper presented at the Pervasive Technologies Related to Assistive Environments.

Athitsos, Vassilis, et al. (2017). Selective unsupervised feature learning with Convolutional Neural Network. *2016 23rd International Conference on Pattern Recognition*, doi: 10.1109/ICPR.2016.7900009.

- Athitsos, Vassilis, et al. (2017). *A survey on sign language recognition using smartphones*. Paper presented at the Pervasive Technologies Related to Assistive Environments.
- Athitsos, Vassilis (Ed.). (2017). *Gesture recognition*. Cham, Switzerland: Springer International. doi:10.1007/978-3-319-57021-1.
- Chakravarthy, Sharma**, et al. (2017). *Big data analytics and knowledge discovery: 19th International Conference, DaWaK 2017, Lyon, France, August 28-31, 2017, Proceedings*. Cham, Switzerland: Springer.
- Csallner, Christoph**, et al. (2017). CyFuzz: A differential testing framework for cyber-physical systems development environments. In *Cyber Physical Systems: Design, Modeling, and Evaluation—6th International Workshop, CyPhy 2016, Revised Selected Papers* (pp. 46–60). Cham, Switzerland: Springer-Verlag, doi: 10.1007/978-3-319-51738-4_4.
- Das, Gautam**. (2017). Density based clustering over location-based services, doi: 10.1109/ICDE.2017.103.
- Das, Gautam. (2017). Efficient computation of regret-ratio minimizing set: A compact maxima representative, doi: 10.1145/3035918.3035932.
- Das, Gautam, et al. (2017). HDBExpDetector: Aggregate sudden-change detector over dynamic web databases. In *Proceedings of the IEEE 33rd International Conference on Data Engineering, May 18, San Diego, CA*, doi: 10.1109/ICDE.2017.181.
- Elmasri, Ramez A.**, et al. (2017). Adapting K-means clustering to identify spatial patterns in storms. In *Proceedings—2016 IEEE International Conference on Big Data*, doi: 10.1109/BigData.2016.7840907.
- Gao, Jean X.** (2017). Cascade Classification with Adaptive Feature Extraction for Arrhythmia Detection. *Journal of Medical Systems*, doi: 10.1007/s10916-016-0660-9.
- Gao, Jean X. (2017). Effects of low dose ionizing radiation on DNA damage-caused pathways by reverse-phase protein array and Bayesian networks. *Journal of Bioinformatics and Computational Biology*, doi: 10.1142/S0219720017500068.
- Gao, Jean X. (2017). Integrative Gene Regulatory Network inference using multi-omics data, doi: 10.1109/BIBM.2016.7822711.
- Gao, Jean X. (2017). Robust Inductive Matrix Completion strategy to explore associations between lincRNAs and human disease phenotypes, doi: 10.1109/BIBM.2016.7822542.
- Gao, Jean X., et al. (2017). Is EEG causal to fNIRs? doi: 10.1109/BIBM.2016.7822648.
- Huang, Heng**. (2017). Automatic segmentation of overlapping cervical smear cells based on local distinctive features and guided shape deformation. *Neurocomputing*, doi: 10.1016/j.neucom.2016.09.070.
- Huang, Heng. (2017). Dual discriminative local coding for tissue aging analysis. *Medical Image Analysis*, doi: 10.1016/j.media.2016.10.001.
- Huang, Heng. (2017). Learning task relational structure for multi-task feature learning, doi: 10.1109/ICDM.2016.179.
- Huang, Heng. (2017). Longitudinal genotype-phenotype association study via temporal structure auto-learning predictive model, doi: 10.1007/978-3-319-56970-3_18.
- Huang, Heng. (2017). New robust clustering model for identifying cancer genome landscapes. In *Proceedings—16th IEEE International Conference on Data Mining*, doi: 10.1109/ICDM.2016.183.
- Huang, Heng. (2017). Predicting interrelated Alzheimer's disease outcomes via new self-learned structured low-rank model, doi: 10.1007/978-3-319-59050-9_16.
- Huang, Heng, et al. (2017). From protein sequence to protein function via multi-label linear discriminant analysis. *IEEE/ACM Transactions on Computational Biology and Bioinformatics*, doi: 10.1109/TCBB.2016.2591529.
- Huang, Heng, et al. (2017). *New probabilistic multi-graph decomposition model to identify consistent human brain network modules*. Paper presented at the 2016 IEEE 16th International Conference on Data Mining, doi: 10.1109/ICDM.2016.0041.

- Huang, Junzhou.** (2017). Automatic extraction of cell nuclei from H&E-stained histopathological images. *Journal of Medical Imaging*, 4(2), 027502, doi: 10.1117/1.JMI.4.2.027502.
- Huang, Junzhou. (2017). Comprehensive Computational Pathological Image Analysis Predicts Lung Cancer Prognosis. *Journal of Thoracic Oncology*, doi: 10.1016/j.jtho.2016.10.017.
- Huang, Junzhou. (2017). Deep convolutional neural network for survival analysis with pathological images, doi: 10.1109/BIBM.2016.7822579.
- Huang, Junzhou. (2017). Guest Editorial: Special issue on advances in computing techniques for big medical image data. *Neurocomputing*, doi: 10.1016/j.neucom.2016.10.064.
- Huang, Junzhou. (2017). Imaging-genetic data mapping for clinical outcome prediction via supervised conditional Gaussian graphical model, doi: 10.1109/BIBM.2016.7822559.
- Huang, Junzhou. (2017). TENDER: Tensor non-local deconvolution enabled radiation reduction in CT perfusion. *Neurocomputing*, doi: 10.1016/j.neucom.2016.03.109.
- Huang, Junzhou, et al. (2017). Accelerated sparse optimization for missing data completion. In *Proceedings of the 2016 23rd International Conference on Pattern Recognition*, doi: 10.1109/ICPR.2016.7899811.
- Huber, Manfred, et al.** (2017). Dynamic heuristic planner selection. In *Proceedings of the 2016 IEEE International Conference on Systems, Man, and Cybernetics*, doi: 10.1109/SMC.2016.7844586.
- Huber, Manfred, et al. (2017). Incremental learning of neural network classifiers using reinforcement learning. In *Proceedings of the 2016 IEEE International Conference on Systems, Man, and Cybernetics*, doi: 10.1109/SMC.2016.7844549.
- Huber, Manfred, et al. (2017). SmartCare: An introduction, doi: 10.1109/PERCOMW.2017.7917595.
- Huber, Manfred, et al. (2017). Temporal and agent abstractions in multiagent reinforcement learning. In *Proceedings of the 2016 IEEE International Conference on Systems, Man, and Cybernetics*, doi: 10.1109/SMC.2016.7844563.
- Jiang, Hong, et al.** (2017). Content-aware trace collection and i/o deduplication for smartphones. In *Proceedings of the 33rd IEEE Symposium on Massive Storage Systems and Technologies*, May 15–19, Santa Clara, CA.
- Jiang, Hong, et al. (2017). Efficient lowest density MDS array codes of column distance 4. In *Proceedings of the IEEE International Symposium on Information Theory*, June 25–30, Aachen, Germany.
- Jiang, Hong, et al. (2017). Elastic data compression with improved performance and space efficiency for flash-based storage systems. In *Proceedings of the 31st IEEE International Parallel & Distributed Processing Symposium*, May 29, Orlando, FL.
- Jiang, Hong, et al. (2017). Energy-efficient i/o thread schedulers for NVMe SSDs on NUMA. In *Proceedings of the 17th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing*, May 14–17, Madrid, Spain.
- Jiang, Hong, et al. (2017). Exploiting high-bandwidth networks for fast graph processing. In *Proceedings of the 36th Annual IEEE International Conference on Computer Communications*, May 1–4, Atlanta, GA.
- Jiang, Hong, et al. (2017). A fast asymmetric extremum content defined chunking algorithm for data deduplication in backup storage systems. *IEEE Transactions on Computers*, 66(2), 199–211.
- Jiang, Hong, et al. (2017). FGDEFrag: A fine-grained defragmentation approach to improve restore performance. In *Proceedings of the 33rd IEEE Symposium on Massive Storage Systems and Technologies*, May 15–19, Santa Clara, CA.
- Jiang, Hong, et al. (2017). A rack-based optical storage system with inline accessibility for long-term data preservation. In *Proceedings of the 2017 EuroSys Conference*, April 23–26, Belgrade, Serbia.

- Jiang, Hong, et al. (2017). V-CUP: VM-oriented customizable SLO and its near-precise enforcement for storage bandwidth. *ACM Transactions on Storage*, 13(1).
- Kamangar, Farhad A.**, et al. (2017). *Interframe hybrid coding of NTSC component video signal*. Paper presented at the National Telecommunications Conference, Washington, DC.
- Makedon, Fillia.** (2017). Evaluation of a low cost EMG sensor as a modality for use in virtual reality applications. *Lecture Notes in Computer Science*, 10280, 97–110, doi: 10.1007/978-3-319-57987-0_8.
- Makedon, Fillia. (2017). VoTrE: A vocational training and evaluation system to compare training approaches for the workplace, doi: 10.1007/978-3-319-57987-0_16.
- Makedon, Fillia, et al. (2017). CogniLearn: A deep learning-based interface for cognitive behavior assessment, doi: 10.1145/3025171.3025213.
- Makedon, Fillia, et al. (2017). Short-Term Recognition of Human Activities Using Convolutional Neural Networks. In *Proceedings of the 12th International Conference on Signal-Image Technology & Internet-Based Systems, November 28-December 1, 2016, Naples, Italy*, doi: 10.1109/SITIS.2016.56.
- Ming, Jiang**, et al. (2017). Conpro17 countering double-spend attacks on bitcoin fast-pay transactions. In *Workshop on Technology and Consumer Protection, May 25, San Jose, CA*.
- Ming, Jiang, et al. (2017). BinSim: Trace-based semantic binary diffing via system call sliced segment equivalence checking. In *Proceedings of the 26th USENIX Security Symposium, August 16–18, Vancouver, BC, Canada*.
- Ming, Jiang, et al. (2017). Cryptographic function detection in obfuscated binaries via bit-precise symbolic loop mapping. In *Proceedings of the 38th IEEE Symposium on Security and Privacy, May 22–24, San Jose, CA*.
- Zaruba, Gergely.** (2017). Welcome and committees. In *Proceedings of the Second IEEE PerCom Workshop on Pervasive Health Technologies, March 13–17, Kona, HI*, doi: 10.1109/PERCOMW.20

Electrical Engineering

Jonathan W. Bredow, Chair

- Butler, Donald P.**, et al. (2017) Design and optimization of an electrostatic energy scavenger for low power electronics. In *IEEE Sensors, SENSORS 2016 – Proceedings*, 7808821. Institute of Electrical and Electronics Engineers Inc. doi: 10.1109/ICSENS.2016.7808821.
- Celik-Butler, Zeynep**, et al. (2017). Design and optimization of an electrostatic energy scavenger for low power electronics. In *IEEE Sensors, SENSORS 2016 – Proceedings*, 7808821. Institute of Electrical and Electronics Engineers Inc. doi: 10.1109/ICSENS.2016.7808821.
- Celik-Butler, Zeynep, et al. (2017). Wafer-level packaged flexible and bendable MEMS accelerometer for robotics and prosthetics. In *Proceedings of the IEEE Sensors Applications Symposium*, doi: 10.1109/SAS.2017.7894033.
- Chiao, J.-C.** (2017). Endoscopically implantable wireless devices for endoluminal applications. In *Proceedings of the IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, July 9–14, San Diego, CA*.
- Chiao, J.-C., et al. (2017). Development of an unobtrusive patch to acquire EEG in the home setting for studies of Alzheimer’s disease. In *Proceedings of the IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, July 9–14, San Diego, CA*.
- Chiao, J.-C., et al. (2017). Neuro-feedback anger regulation: Findings from a pilot study and implications for social work. In *Proceedings of the Annual Conference of the Society for Social Work and Research, January 11–15, New Orleans, LA*.
- Chiao, J.-C., et al. (2017). Non-invasive home-based maternal-fetal ECG monitoring system. In *Proceedings of the IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, July 9–14, San Diego, CA*.

- Chiao, J.-C., et al. (2017). A novel design to power the micro-ECG sensor implanted in adult zebrafish. In *Proceedings of the IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, July 9–14, San Diego, CA*.
- Davoudi, Ali**, et al. (2017). Computer-aided formal verification of power electronics circuits. In *Proceedings of the Frontiers in Analog CAD* (pp. 21–26).
- Davoudi, Ali, et al. (2017). Distributed power profile tracking for heterogeneous charging of electric vehicles. *IEEE Transactions on Smart Grid*, 8, 2090–2099.
- Davoudi, Ali, et al. (2017). *Game-theoretic control of active loads in DC microgrids*. Paper presented at the IEEE Power and Energy Society General Meeting.
- Davoudi, Ali, et al. (2017). Output containment control of linear heterogeneous multi-agent systems using internal model principle. *IEEE Transactions on Cybernetics*, 47, 2099–2109.
- Davoudi, Ali, et al. (2017). Reachability analysis of transformer-isolated dc-dc converters. In *Proceedings of the International Workshop on Applied Verification for Continuous and Hybrid Systems* (pp. 52–64).
- Davoudi, Ali, et al. (2017). Review of hardware platforms for real-time simulation of electric machines. *IEEE Transactions on Transportation Electrification*, 3, 130–146.
- Davoudi, Ali, et al. (2017). *Cooperative synchronization in distributed microgrid control*. Cham: Springer International Publishing.
- Davoudi, Ali, et al. (2017). Unifying distributed optimization and coordination frameworks in dc microgrids. *IEEE Transactions on Power Electronics*, 32, 2329–2346.
- Devarajan, Venkat**. (2017). Lung nodule detection and segmentation using a patch-based multi-atlas method. In *Proceedings of the 2016 International Conference on Computational Science and Computations Intelligence, December 15–16, 2016, Las Vegas, NV*, doi: 10.1109/CSCI.2016.0012.
- Erdogan, Nuh**, et al. (2017). Review of hardware platforms for real-time simulation of electric machines. *IEEE Transactions on Transportation Electrification*, 3(1), 130–146.
- Jung, Sungyong**. (2017). An ultra-slow-wave transmission line on CMOS technology. *Microwave and Optical Technology Letters*, doi: 10.1002/mop.30355.
- Jung, Sungyong. (2017). Variable gain potentiostat architecture for glucose sensing from blood and tear fluid. *Journal of Low Power Electronics*, doi: 10.1166/jolpe.2017.1486.
- Lee, Wei-Jen**. (2017). Arc Flash Study in large-scale industrial plant with internal generation and complex interconnected network. In *Proceedings of the IEEE IAS Electrical Safety Workshop, January 28-February 3, Reno, NV*, doi: 10.1109/ESW.2017.7914864.
- Lee, Wei-Jen. (2017). Arc flash visible light intensity as viewed from human eyes, doi: 10.1109/ESW.2017.7914850.
- Lee, Wei-Jen. (2017). Modernizing Substation Automation Systems: Adopting IEC Standard 61850 for Modeling and Communication. *IEEE Industry Applications Magazine*, doi: 10.1109/MIAS.2016.2600732.
- Lee, Wei-Jen. (2017). A redundancy mechanism design for hall-based electronic current transformers. *Energies*, doi: 10.3390/en10030312.
- Lee, Wei-Jen. (2017). A two-stage stochastic programming model for optimal reactive power dispatch with high penetration level of wind generation. *Journal of Electrical Engineering and Technology*, doi: 10.5370/JEET.2017.12.1.053.
- Lee, Wei-Jen, et al. (2017). Optimal pilot-bus selection and network partitioning algorithm considering zonal reactive power balance. *Dianwang Jishu/Power System Technology*, 41(1), doi: 10.13335/j.1000-3673.pst.2016.0393.
- Lewis, Frank L**. (2017). The adaptive distributed observer approach to the cooperative output regulation of linear multi-agent systems. *Automatica*, doi: 10.1016/j.automatica.2016.09.038.

- Lewis, Frank L. (2017). Adaptive synchronisation of unknown nonlinear networked systems with prescribed performance. *International Journal of Systems Science*, doi: 10.1080/00207721.2016.1226984.
- Lewis, Frank L. (2017). Bipartite and cooperative output synchronizations of linear heterogeneous agents: A unified framework. *Automatica*, doi: 10.1016/j.automatica.2017.02.033.
- Lewis, Frank L. (2017). Coordination of multi-agent systems on interacting physical and communication topologies. *Systems and Control Letters*, doi: 10.1016/j.sysconle.2016.12.008.
- Lewis, Frank L. (2017). Distributed information-weighted Kalman consensus filter for sensor networks. *Automatica*, doi: 10.1016/j.automatica.2016.11.014.
- Lewis, Frank L. (2017). H^∞ control of linear discrete-time systems: Off-policy reinforcement learning. *Automatica*, doi: 10.1016/j.automatica.2016.12.009.
- Lewis, Frank L. (2017). *An H^∞ performance allocation approach to distributed output regulation of linear heterogeneous multi-agent systems*. Paper presented at the 2016 14th International Conference on Control, Automation, Robotics and Vision, doi: 10.1109/ICARCV.2016.7838819.
- Lewis, Frank L. (2017). Mixed iterative adaptive dynamic programming for optimal battery energy control in smart residential microgrids. *IEEE Transactions on Industrial Electronics*, 64(5), 4110–4120, doi: 10.1109/TIE.2017.2650872.
- Lewis, Frank L. (2017). Neuro-adaptive distributed control with prescribed performance for the synchronization of unknown nonlinear networked systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, doi: 10.1109/TSMC.2017.2702705.
- Lewis, Frank L. (2017). Off-policy reinforcement learning for synchronization in multiagent graphical games. *IEEE Transactions on Neural Networks and Learning Systems*, doi: 10.1109/TNNLS.2016.2609500.
- Lewis, Frank L. (2017). Pinning synchronization for complex networks with interval coupling delay by variable subintervals method and Finsler's lemma. *Complexity*, doi: 10.1155/2017/2137103.
- Lewis, Frank L., et al. (2017). Adaptive admittance control for human-robot interaction using model reference design and adaptive inverse filtering. *IEEE Transactions on Control Systems Technology*, doi: 10.1109/TCST.2016.2523901.
- Lewis, Frank L., et al. (2017). Data-driven control and learning systems. *IEEE Transactions on Industrial Electronics*, 64(5), 070–4075, doi: 10.1109/TIE.2017.2653767.
- Liang, Qilian.** (2017). 3D nested distributed massive MIMO: Modeling and performance analysis. *Ad Hoc Networks*, doi: 10.1016/j.adhoc.2016.12.007.
- Liang, Qilian. (2017). Data compression for synthetic aperture radar and resolution improvement, doi: 10.1109/ICDSP.2016.7868551.
- Liang, Qilian. (2017). Hybrid Wireless Ad Hoc Networks. *Ad Hoc Networks*, doi: 10.1016/j.adhoc.2017.02.005.
- Liang, Qilian. (2017). Optimization for user centric massive MIMO cell free networks via large system analysis. In *Proceedings of the 2016 IEEE Global Communications Conference*, doi: 10.1109/GLOCOM.2016.7842103.
- Liang, Qilian, et al. (Eds.). (2018). *Communications, signal processing, and systems: proceedings of the 2016 International Conference on Communications, Signal Processing, and Systems*. Singapore: Springer.
- Madani, Ramtin,** et al. (2017). Conic relaxations for power system state estimation with line measurements. *IEEE Transactions on Control of Network Systems*.
- Madani, Ramtin, et al. (2017). Constraint screening for security analysis of power networks. *IEEE Transactions on Power Systems*, 32(3), 1828–1838.

- Madani, Ramtin, et al. (2017). Convex relaxation for optimal distributed control problems. *IEEE Transactions on Automatic Control*, 62(1), 206–221.
- Madani, Ramtin, et al. (2017). Finding low-rank solutions of sparse linear matrix inequalities using convex optimization. *SIAM Journal on Optimization*, 27(2), 725–758.
- Madani, Ramtin, et al. (2017). Power system state estimation and bad data detection by means of conic relaxation. In *Proceedings of the 50th Hawaii International Conference on System Sciences*.
- Magnusson, Robert.** (2017). Experimental demonstration of wideband multimodule serial reflectors. *Optics Express*, doi: 10.1364/OE.25.008680.
- Magnusson, Robert. (2017). Multiple p-n junction subwavelength gratings for transmission-mode electro-optic modulators. *Scientific Reports*, doi: 10.1038/srep46508.
- Magnusson, Robert. (2017). Properties of mixed metal-dielectric nanogratings for application in resonant absorption, sensing, and display. *Optical Engineering*, doi: 10.1117/1.OE.56.12.121905.
- Manry, Michael T.** (2017). Second Order Training of a Smoothed Piecewise Linear Network. *Neural Processing Letters*, doi: 10.1007/s11063-017-9618-2.
- Rao, Kamisetty R., et al.** (2018). *Cosine-/sine-modulated filter banks: general properties, fast algorithms and integer approximations*. Cham, Switzerland: Springer.
- Rao, Kamisetty R., et al. (2017). *High efficiency video coding and other emerging standards*. Gistrup, Denmark: River Publishers.
- Schizas, Ioannis,** et al. (2017). Data-driven sensor clustering and filtering for communication efficient field reconstruction. *Elsevier Signal Processing*, 133, 156–168, doi: 10.1016/j.sigpro.2016.10.024.
- Sun, Yuze,** et al. (2017). High quality factor photonic crystal filter at k_0 and its application for refractive index sensing. *Optics Express*, 25, 10536.
- Sun, Yuze, et al. (2017). Optical refractive index sensing based on high-q bound states in the continuum in free-space coupled photonic crystal slabs. *Sensors*, 17, 1861.
- Sun, Yuze, et al. (2017). Optofluidic fano resonance photonic crystal refractometric sensors. *Applied Physics Letters*, 110, 091105.
- Sun, Yuze, et al. (2017). Optofluidic lasers with monolayer gain at the liquid-liquid interface. *ACS Photonics*, 4, 621.
- Sun, Yuze, et al. (2017). Shuttling along DNA and directed processing of D-loops by RecQ helicase support quality control of homologous recombination. *PNAS*, 114, E466.
- Vasilyev, Michael.** (2017). Single-photon-level spatial-mode-selective frequency up-conversion in a multimode $\chi^{(2)}$ waveguide, doi: 10.1364/CLEO_QELS.2017.FF2E.2.
- Zhou, Weidong.** (2017). Band-bending of Ga-Polar GaN interfaced with Al₂O₃ through ultraviolet/ozone treatment. *ACS Applied Materials and Interfaces*, doi: 10.1021/acsami.7b01549.
- Zhou, Weidong. (2017). Coupled bilayer photonic crystal slab electro-optic spatial light modulators. *IEEE Photonics Journal*, doi: 10.1109/JPHOT.2017.2675619.
- Zhou, Weidong. (2017). Flexible Si BiCMOS on plastic substrates. In *Proceedings of the IEEE 17th Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems, January 15–18, Phoenix, AZ*, doi: 10.1109/SIRF.2017.7874376.
- Zhou, Weidong. (2017). Lateral size scaling of photonic crystal surface-emitting lasers on Si, doi: 10.1364/CLEO_SI.2017.SF2J.3.
- Zhou, Weidong. (2017). Photonic crystal surface-emitting lasers on bulk silicon substrate, doi: 10.1364/CLEO_SI.2017.SM4N.6.
- Zhou, Weidong. (2017). Subwavelength photonics. *Optics and Photonics News*.
- Zhou, Weidong. (2017). Transfer print techniques for heterogeneous integration of photonic components. *Progress in Quantum Electronics*, doi: 10.1016/j.pquantelec.2017.01.001.

Zhou, Weidong. (2017). Transferrable single crystalline 4H-SiC nanomembranes. *Journal of Materials Chemistry C*, doi: 10.1039/c6tc04480h.

Zhou, Weidong, et al. (2017). Design of a portable imager for near-infrared visualization of cutaneous wounds. *Journal of Biomedical Optics*, doi: 10.1117/1.JBO.22.1.016010.

Zhou, Weidong, et al. (2017). High quality factor photonic crystal filter at $\kappa \approx 0$ and its application for refractive index sensing. *Optics Express*, doi: 10.1364/OE.25.010536.

Zhou, Weidong, et al. (2017). Optofluidic Fano resonance photonic crystal refractometric sensors. *Applied Physics Letters*, doi: 10.1063/1.4977563.

Industrial, Manufacturing and Systems Engineering

Paul Compton, Chair

Chen, Victoria. (2017). Data mining for state space orthogonalization in adaptive dynamic programming. *Expert Systems with Applications*, doi: 10.1016/j.eswa.2017.01.020.

Corley, Bill. (2017). Scalarizations for maximization with respect to polyhedral cones. *Journal of Advances in Applied Mathematics*, 2, 151–163.

Corley, Bill, et al. (2017). A nonlinear programming approach for determining generalized equilibria for n-person games. *International Game Theory Review*, 19, 1750011, <https://doi.org/10.1142/S0219198917500116>.

Corley, Bill, et al. (2017). Posterior constraint selection techniques for nonnegative linear programming. *American Journal of Operations Research*, 7(1), 26–40.

Huff, Brian L., et al. (2017). *Low speed airship control using reinforcement learning and expert demonstrations*. Paper presented at the AIAA Atmospheric Flight Mechanics Conference, AIAA SciTech Forum, <https://doi.org/10.2514/6.2017-0934>.

Krejci, Caroline, et al. (2017). A hybrid simulation modeling framework for regional food hubs. *Journal of Simulation*, <https://doi.org/10.1057/s41273-017-0063-z>.

Leboulluec, Aera K. (2017). *Data driven predictive modeling of flight delay*. Oral Presentation at the Annual Celebration of Excellence by Students Symposium, University of Texas at Arlington, TX.

Leboulluec, Aera K. (2017). *Productivity improvement and cost optimization of small enterprises with lean methodologies and simulation*. Oral Presentation at the Annual Celebration of Excellence by Students Symposium, University of Texas at Arlington, TX.

Leboulluec, Aera K. (2017). *Projecting quarterback weekly fantasy football point output for daily fantasy sports using predictive analytics*. Exhibit at the Annual Celebration of Excellence by Students Symposium.

Rogers, K., et al. (2017). Understanding the risks faced by pharmaceutical companies during recalls. In *Proceedings of the Industrial and Systems Engineering Research Conference, May, Pittsburgh, PA*.

Rosenberger, Jay M., et al. (2017). Global optimization of non-convex piecewise linear regression splines. *Journal of Global Optimization*, doi: 10.1007/s10898-016-0494-5.

Wang, Shouyi. (2017). Applied optimization and data mining. *Annals of Operations Research*, doi: 10.1007/s10479-017-2402-x.

Materials Science and Engineering

Efstathios Meletis, Chair

Aswath, Pranesh B. (2017). Chemical and mechanistic interpretation of thermal films formed by dithiophosphates using XANES. *Tribology International*, doi: 10.1016/j.triboint.2017.04.014.

Cao, Ye, et al. (2017). Mixed electrochemical-ferroelectric states in nanoscale ferroelectrics. *Nature Physics*, 13(8), 812–818.

Cao, Ye, et al. (2017). Role of flexoelectric coupling in polarization rotations at the a-c domain walls in ferroelectric perovskites. *Applied Physics Letters*, 110, 202903.

Hao, Yaowu. (2017). Graphene oxide-wrapped flower-like silver particles for surface-enhanced Raman spectroscopy and their applications in polychlorinated biphenyls detection. *Applications of Surface Science*, doi: 10.1016/j.aps

Hao, Yaowu. (2017). Hollow gold nanoparticles as efficient in vivo radiosensitizing agents for radiation therapy of breast cancer. *Journal of Biomedical Nanotechnology*, doi: 10.1166/jbn.2017.2367.

Hao, Yaowu. (2017). Large-scale nanosheet-assembled flower-like Ag nanostructures and their applications as surface enhanced Raman scattering (SERS) substrates. *Journal of Nanoscience and Nanotechnology*, doi: 10.1166/jnn.2017.12856.

Hao, Yaowu. (2017). Magnetization reversal of three-dimensional nickel anti-sphere arrays. *IEEE Magnetics Letters*, doi: 10.1109/LMAG.2016.2616325.

Hao, Yaowu. (2017). Novel synthesis of hierarchical flower-like silver assemblies with assistance of natural organic acids for surface-enhanced Raman spectroscopy. *Journal of Materials Science*, doi: 10.1007/s10853-017-1292-2.

Hao, Yaowu. (2017). A ternary functional Ag@GO@Au sandwiched hybrid as an ultrasensitive and stable surface enhanced Raman scattering platform. *Applied Surface Science*, doi: 10.1016/j.apsusc.2017.03.023.

Jiang, Jiechao, et al. (2017). Fabrication of 3D thin films by spray pyrolysis method from metal phthalocyanines. *International Journal of Engineering Research & Science*, 3(10).

Meletis, Efstathios. (2017). *The quest for new materials: Interface-engineered materials*. Invited Seminar presented at the University of Texas at San Antonio, Physics and Astronomy Department, April 14, San Antonio, TX.

Meletis, Efstathios, et al. (2017). Alumina-zirconia coatings produced by plasma electrolytic oxidation on Al alloy for corrosion resistance improvement. *Journal of Alloys and Compounds*, 724, 435-442.

Meletis, Efstathios, et al. (2017). Competitive reactivity of nitrogen and oxygen with nickel when an argon/air mixture is used as sputtering gas. *Journal of Nanoscience and Nanotechnology*, 17, 1-8.

Meletis, Efstathios, et al. (2017). First principles modeling and simulation of Zr-Si-B-C-N ceramics: Developing hard and resistant coatings. *Acta Materialia*, 125, 246-254.

Mechanical and Aerospace Engineering

Erian Armanios, Chair

Adnan, Ashfaq. (2017). Mode-I fracture toughness prediction of diamond at the nanoscale. *Journal of Nanomechanics and Micromechanics*, doi: 10.1061/(ASCE)NM.2153-5477.0000130.

Adnan, Ashfaq, et al. (2017). *Computational study on blast-like shock-induced cavitation bubble dynamics inside brain's extracellular matrix*. Poster abstract presented at MHSRS, Orlando, FL.

Adnan, Ashfaq, et al. (2017). Effect of shock-induced cavitation bubble collapse on the damage in the simulated perineuronal net of the brain. *Scientific Reports*, 7, 5323.

Adnan, Ashfaq, et al. (2017). Elastic constants of carbon nanotube-reinforced epoxy nanocomposites. In *Proceedings of the 32nd ASC conference, West Lafayette, IN*.

Adnan, Ashfaq, et al. (2017). Mode-I fracture toughness prediction of diamond at the nanoscale. *Journal of Nanomechanics and Micromechanics*, 7(3), 04017010.

Adnan, Ashfaq, et al. (2017). Molecular dynamics study of carbon nanotube/epoxy interfaces using ReaxFF. Paper presented at the 32nd ASC conference, West Lafayette, IN.

- Agonafer, Dereje, et al.** (2017). Effect of PCB thickness on solder joint reliability of Quad Flat no-lead assembly under Power Cycling and Thermal Cycling. *33rd Thermal Measurement, Modeling & Management Symposium*, doi: 10.1109/SEMI-THERM.2017.7896911.
- Agonafer, Dereje, et al. (2017). Qualitative study of cumulative corrosion damage of information technology equipment in a data center utilizing air-side economizer operating in recommended and expanded ASHRAE envelope. *Journal of Electronic Packaging*, 139(2), 021002, doi: 10.1115/1.4036363.
- Agonafer, Dereje, et al. (2017). Rack-level study of hybrid-cooled servers using warm water cooling for distributed vs. centralized pumping systems. *33rd Thermal Measurement, Modeling & Management Symposium*, doi: 10.1109/SEMI-THERM.2017.7896924.
- Bowling, Alan P.** (2017). Modification of nose-hoover thermostat to improve temperature response in molecular simulations. *Journal of Computational and Nonlinear Dynamics*, doi: 10.1115/1.4035191.
- Chudoba, Bernd, et al.** (2018). *Future spacecraft propulsion systems and integration enabling technologies for space exploration*. Berlin, Heidelberg: Springer Berlin Heidelberg.
- Dennis, Brian.** (2017). A computational fluid dynamics based artificial neural network model to predict solid particle erosion. *Wear*, doi: 10.1016/j.wear.2017.02.028.
- Dennis, Brian, et al. (2017). Composite copper oxide-copper bromide films for the selective electroreduction of carbon dioxide. *Journal of Materials Research*, doi: 10.1557/jmr.2017.134.
- Dogan, Atilla.** (2017). Dynamic simulation and control of mass-actuated airplane. *Journal of Guidance, Control, and Dynamics*, 40(8), 1939–1953, <https://doi.org/10.2514/1.G002658>.
- Dogan, Atilla. (2017). On probability collectives for distributed control allocation. In *2017 IEEE Aerospace Conference*, 7943621. IEEE Computer Society. DOI: 10.1109/AERO.2017.7943621.
- Dogan, Atilla, et al. (2017). Airdata-sensor-based relative position estimation for receiver aircraft in aerial refueling. In *AIAA Atmospheric Flight Mechanics Conference, 2017 American Institute of Aeronautics and Astronautics Inc., AIAA*.
- Dogan, Atilla, et al. (2017). Trim analyses of mass-actuated airplane in steady-state climb and descent. In *Proceedings of the AIAA Atmospheric Flight Mechanics Conference, AIAA SciTech Forum*, <https://doi.org/10.2514/6.2017-1636>.
- Erturk, Sukru Akif, et al.** (2017). *Dynamic simulation and control of mass-actuated airplane*. Paper presented at the AIAA Atmospheric Flight Mechanics Conference, Grapevine, TX.
- Erturk, Sukru Akif, et al. (2017). Trim analyses of mass-actuated airplane in cruise and steady-state turn. *AIAA Journal of Aircraft*, <http://arc.aiaa.org/doi/abs/10.2514/1.C034200>.
- Erturk, Sukru Akif, et al. (2017). *Trim analyses of mass-actuated airplane in steady-state climb and descent*. Paper presented at the AIAA Atmospheric Flight Mechanics Conference, Grapevine, TX.
- Haji-Sheikh, Abdolhossein.** (2017). Bio-heat diffusion under local thermal non-equilibrium conditions using dual-phase lag-based Green's functions. *International Journal of Heat and Mass Transfer*, doi: 10.1016/j.ijheatmasstransfer.2017.06.006.
- Haji-Sheikh, Abdolhossein, et al. (2018). *Heat transfer in composite materials*. Lancaster, PA: DEStech Publications, Inc.
- Huang, Haiying.** (2017). Time-frequency analysis of electro-mechanical impedance (EMI) signature for physics-based damage detections using piezoelectric wafer active sensor (PWAS). *Smart Materials and Structures*, doi: 10.1088/1361-665X/aa64c0.
- Huang, Haiying, et al. (2017). A combined dislocation fan-finite element (DF-FE) method for stress field simulation of dislocations emerging at the free surfaces of 3D elastically anisotropic crystals. *Modelling and Simulation in Materials Science and Engineering*, 25(3).
- Hullender, David.** (2017). *Application of math principles to engineering problems* (10th ed.).

- Hullender, David. (2017). *Dynamic systems modeling and simulation* (15th ed.).
- Jain, Ankur.** (2017). *Analytical methods for understanding multiscale thermal transport in li-ion batteries*. Invited Presentation at the International Symposium on Advances in Computational Heat Transfer, May 28-June 1, Napoli, Italy.
- Jain, Ankur. (2017). *Experimental and analytical research on heat transfer in li-ion cells*. Invited Talk presented at the Department of Mechanical & Aerospace Engineering, New Mexico State University, Feb 21, Las Cruces, NM.
- Jain, Ankur. (2017). *Fundamental study of thermal transport in a li-ion cell for enhanced renewable energy conversion*. Invited Participant presented at the 5th Arab-American Frontiers of Science, Engineering, and Medicine Symposium, organized by U.S. National Academy of Sciences, Nov 2-4, Rabat, Morocco.
- Jain, Ankur. (2017). *Industry and academic careers for graduate students*. Invited Panelist presented at the Graduate Student Careers Workshop, ASME InterPACK, August 29-31, San Francisco, CA.
- Jain, Ankur. (2017). *Leveraging industry experience for success in an academic career*. Invited FutureME Mini-Talk presented at the ASME Power & Energy Conference & Exhibition, June 26-30, Charlotte, NC.
- Jain, Ankur. (2017). *Measurement and modeling of thermal transport processes in li-ion cells for improved safety and performance*. Plenary talk presented at the ASME 15th International Conference on Fuel Cell Science, Engineering and Technology, June 26-30, Charlotte, NC.
- Jain, Ankur. (2017). *The role of temperature measurement and modeling in battery diagnostics and health management*. Invited panel talk presented at the 8th IEEE International Conference on Prognostics and Health Management, June 19-21, Dallas, TX.
- Jain, Ankur. (2017). *Safety of li-ion batteries a thermal engineering perspective*. Invited Talk presented at the Energy Storage System Safety Forum, Feb 22-23, Santa Fe, NM.
- Jain, Ankur. (2017). *Thermal transport in li-ion cells measurements and modeling*. Invited Talk presented at the Department of Mechanical Engineering, Indian Institute of Technology, Jan 11, Delhi, India.
- Jain, Ankur, et al. (2017). Conjugate heat transfer analysis of thermal management of a li-ion battery pack [Invited article]. *Journal of Electrochemical Energy Conversion and Storage*, 15(1), 011008-011008-8, doi: 10.1115/1.4038258.
- Jain, Ankur, et al. (2017). Determination of the core temperature of a li-ion cell during thermal runaway. *Journal of Power Sources*, 370, 27-35.
- Jain, Ankur, et al. (2017). Enhancement of thermal transport in gel-polymer electrolytes with embedded BN/Al₂O₃ nano- and micro-particles. *Journal of Power Sources*, 362, 219-227.
- Jain, Ankur, et al. (2017). Experimental and numerical investigation of inter-die thermal resistance in 3D ICs. *Journal of Electronic Packaging*, 139(2), 020908, doi: 10.1115/1.4036404.
- Jain, Ankur, et al. (2017). An experimentally validated method for temperature prediction during cyclic operation of a li-ion cell. *International Journal of Heat and Mass Transfer*, 112, 89-96.
- Jain, Ankur, et al. (2017). Improved thermal performance of a li-ion cell through heat pipe insertion. *Journal of the Electrochemical Society*, 164, A961-967.
- Jain, Ankur, et al. (2017). Measurement sensitivity analysis of transient hot source sensors. *Journal of Thermal Science Engineering Application*, 9, 011002, 1-12.
- Jain, Ankur, et al. (2017). Non-invasive measurement of internal temperature of a cylindrical li-ion cell during high-rate discharge. *International Journal of Heat and Mass Transfer*, 111, 223-231.
- Jain, Ankur, et al. (2017). State-of-the-art and future research needs for multiscale analysis of li-ion cells. *Journal of Electrochemical Energy Conversion and Storage*.

- Jain, Ankur, et al. (2017). Steady state and transient analytical modelling of non-uniform convective cooling of a microprocessor chip due to jet impingement. *International Journal of Heat and Mass Transfer*, 110, 768–777.
- Kim, Daejong.** (2017). Scaling laws for radial clearance and support structure stiffness of radial foil bearings. *Journal of Engineering for Gas Turbines and Power*, doi: 10.1115/1.4034648.
- Lu, Frank,** et al. (2017). Introduction: Special section on pressure gain combustion. *Journal of Propulsion and Power*, 33(1), 16, doi: 10.2514/1.B36585.
- Lu, Frank, et al. (2017). Method to measure flow rates of gaseous fuels injected intermittently for pulse detonation engines. *Journal of Propulsion and Power*, 33(1), 144–152, doi: 10.2514/1.B36170.
- Luo, Cheng,** et al. (2017). Conditions for barrel and clam-shell liquid drops to move on bio-inspired conical wires. *Scientific Reports*, 7, 9717.
- Maddalena, Luca.** (2017). *Numerical analysis of an actively cooled Low-Reynolds number hypersonic diffuser*. Paper presented at the 21st AIAA International Space Planes and Hypersonics Technologies Conference, <https://doi.org/10.2514/6.2017-2363>.
- Maddalena, Luca, et al. (2017). Comparison of intrusive and non-intrusive quantification of binary mixture composition from strut injectors in supersonic flow. In *Proceedings of the 21st AIAA International Space Planes and Hypersonics Technologies Conference, Hypersonics, March 6–9, Xiamen, China*.
- Maddalena, Luca, et al. (2017). Improvements on infrared-camera calibration for accurate surface temperature measurements in arcjet facilities. *Journal of Spacecraft and Rockets*, doi: 10.2514/1.A33539.
- Nomura, Seiichi,** et al. (2018). *Heat transfer in composite materials*. Lancaster, PA: DEStech Publications, Inc.
- Rodriguez, Adrian,** et al. (2017). Analytic solution for planar indeterminate impact problems using an energy constraint. *Multibody System Dynamics*, 1–33, <https://doi.org/10.1007/s1104>.
- Sevil, Hakki Erhan,** et al. (2017). *Airdata-sensor-based relative position estimation for receiver aircraft in aerial refueling*. Paper presented at the AIAA SciTech Forum and Exposition, Grapevine, January 9–13, AIAA 2017-1639.
- Sevil, Hakki Erhan, et al. (2017). Determining intruder aircraft position using series of stereoscopic 2-d images. In *Proceedings of the International Conference on Unmanned Aircraft Systems, June 13–16, Miami, FL*. (pp. 902–911).
- Sevil, Hakki Erhan, et al. (2017). Evaluation of extant computer vision techniques for detecting intruder suacs. In *Proceedings of the International Conference on Unmanned Aircraft Systems, June 13–16, Miami, FL*. (pp. 929–938).
- Sevil, Hakki Erhan, et al. (2017). A mixed reality based hybrid swarm control architecture for manned-unmanned teaming (mum-t). In *Proceedings of the ASME International Mechanical Engineering Congress and Exposition, Tampa, FL*.
- Sevil, Hakki Erhan, et al. (2017). *Omni directional moving object detection and tracking with virtual reality feedback*. Paper presented at the ASME 2017 Dynamic Systems and Control Conference (DSCC 2017), Virginia, October 11–13, DSCC2017-5352.
- Sevil, Hakki Erhan, et al. (2017). PTEM based moving obstacle detection and avoidance for an unmanned ground vehicle. In *ASME 2017 Dynamic Systems and Control Conference (DSCC 2017), Virginia, October 11–13, DSCC2017-5330*.
- Shiakolas, Panayiotis S.** (2017). Analyzing the effects of temperature, nozzle-bed distance, and their interactions on the width of fused deposition modeled struts using statistical techniques toward precision scaffold fabrication. *Journal of Manufacturing Science Engineering*, 139(7), doi: 10.1115/1.4035963.
- Shiakolas, Panayiotis S. (2017). Poly-L-lactic acid: Pellets to fiber to fused filament fabricated scaffolds, and scaffold weight loss study. *Additive Manufacturing*, doi: 10.1016/j.addma.2017.06.002.

Shiakolas, Panayiotis S., et al. (2017). Comparative stress analysis of lingualized and conventional balanced occlusion schemes in a full-arch fixed implant prosthesis using finite element analysis. *Journal of Mechanics in Medicine and Biology*, 17(4), <https://doi.org/10.1142/S0219519417500749>.

Shin, Donghyun, et al. (2017). Enhanced thermophysical properties via PAO superstructure. *Nanoscale Research Letters*, 12(1), 29.

Subbarao, Kamesh. (2017). Augmenting wireless time-of-arrival positioning with terrain elevation measurements for navigation. *Journal of Guidance, Control, and Dynamics*, doi: 10.2514/1.G002074.

Subbarao, Kamesh. (2017). Computational adaptive optimal control of spacecraft attitude dynamics with inertia-matrix identification. *Journal of Guidance, Control, and Dynamics*, doi: 10.2514/1.G000706.

Subbarao, Kamesh. (2017). Cooperative estimation of moving target position using unmanned aerial vehicles. *AIAA Information Systems-AIAA Infotech @ Aerospace, AIAA SciTech Forum, (AIAA 2017-0913)*, <https://doi.org/10.2514/6.2017-0913>.

Subbarao, Kamesh, et al. (2017). Target tracking using multiple unmanned aerial vehicles: Graph theoretic nonlinear control approach. In *Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering*, 231(3), doi: 10.1177/0954410016641321.

Tong, Albert Y. (2017). A numerical model for a hypoeutectic alloy droplet deposition with non-equilibrium solidification. *Journal of Materials Science*, 52(10), 6034–6049, doi: 10.1007/s10853-017-0842-y.

Tong, Albert Y. (2017). A numerical study of parallel-plate and open-plate droplet transport in electrowetting-on-dielectrode (EWOD). *Numerical Heat Transfer; Part A: Applications*, doi: 10.1080/10407782.2017.1309217.

Wang, Bo P., et al. (2017). Efficient methods for design and analysis of tow steered wing structures. *58th AIAA/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, AIAA SciTech Forum, (AIAA 2017-1304)*, <https://doi.org/10.2514/6.2017-1304>.

Wang, Shouyi. (2017). Applied optimization and data mining. *Annals of Operations Research*, doi: 10.1007/s10479-017-2402-x.

College of Liberal Arts

Elisabeth Cawthon, Dean

Art and Art History

Robert Hower, Chair

Alexander, Amanda. (2017). Adjusting one's self: An educator's experience in a Peruvian community. In S. Travis, A. Kraehe, E. Hood, & T. Lewis (Eds.), *Pedagogies in the flesh: Case studies on the embodiment of sociocultural differences in education* (pp. 159–162). New York, NY: Palgrave Macmillan.

Alexander, Amanda. (June, 2017). *Final report for FabLab assignment: Art 4365 technology in art education* [Blog post].

Alexander, Amanda. (2017). Sustaining huaco making in Perú: A decolonizing study with a native knowledge bearer. *International Journal of Education through Art*, doi: 10.1386/eta.13.1.23_1.

Alexander, Amanda, et al. (2017). *Art therapy for veterans at the University of Texas at Arlington*. Paper presented at the American Art Therapy Association, Albuquerque, NM.

Alexander, Amanda, et al. (2017). *The convergence of critical pedagogy with arts-based service-learning*. Paper presented at the International Society for Education through Art, Daegu, South Korea.

Alexander, Amanda, et al. (2017). *Diversity and religion in Senegal: Understanding social relations for teaching and learning contexts*. Paper presented at the National Art Education Association, New York, NY.

Alexander, Amanda, et al. (2017). *Fostering humanity through arts*. Panel chair presented at the International Society for Education through Art, Daegu, South Korea.

Alexander, Amanda, et al. (2017). *From print shop to makerspace: Actively engaging communities in the digital world*. Paper presented at the International Society for Education through Art, Daegu, South Korea.

Alexander, Amanda, et al. (2017). *Higher education forum: University reward structures and the homogenization of scholarship*. Paper presented at the National Art Education Association, New York, NY.

Bartholomee, Lucy. (2017). Beyond the classroom: Discover the transformational power of living curriculum. *Art Education Journal*.

Bartholomee, Lucy. (2017). *Shout from the mountaintops*. Workshop presented at the Texas Art Education Association, Galveston, TX.

Bartholomee, Lucy. (2017). *Un-purposing the art room with purpose*. Presentation at the National Art Education Association, New York, NY.

Bartholomee, Lucy, et al. (2017). Creating the city: An interview with Antonia Darder and Pepon Osorio. *Policy Futures in Education*, 15(6).

Clive, Mark, et al. (2017). *Remember Wilberg* [Documentary]. Safety Solutions International, University of Texas at Arlington Division for Enterprise Development/Department of Art.

- Dulock, Caleb**, et al. (2017). *Projection mapping demo*. Presentation/workshop presented at the Projection Mapping Demo, University of Texas at Arlington, Fine Arts Building, Arlington, TX.
- Florentin, Bryan**. (2017). *Accretion/Churn* [One-person exhibition]. Kirk Hopper Fine Art, Dallas, TX.
- Florentin, Bryan. (2017). Works included in 35th Annual Member's Juried Exhibition, Houston Center for Photography, Houston, TX.
- Florentin, Bryan. (2017). Works included in *Critical Mass* [Group exhibition]. SP/N Gallery, University of Texas at Dallas, Dallas, TX.
- Florentin, Bryan. (2017). Works included in *Landscapes* [Exhibition], Center for Fine Art Photography, Fort Collins, CO.
- Florentin, Bryan. (2017). Works included in *Photowork* [Exhibition], Barrett Art Center, Poughkeepsie, NY.
- Heimerman, Christine**. (2017). *Texas Contemporary Glass Artist* [Exhibition]. The Nave Museum, July-December, Victoria, TX.
- Heimerman, Christine. (2017). Works included in *HeART and Soul* [Exhibition]. Transwestern Building, Dallas, TX.
- Hilton, Scott**. (2017). *Art through the lens* [Exhibition catalogue]. Yeiser Art Center, Paducah KY.
- Hilton, Scott. (2017). *The Gentleman's Guide to Grooming: The Quintessential Handbook for the Modern Man, by Capt. Peabody Fawcett*. New York: Sterling.
- Hilton, Scott. (2017). *Landscape photography in the American west*. Exhibit presented at the Dallas Camera Club, Congregation Beth El Binah, Dallas, TX.
- Hilton, Scott. (2017). Meet the women in the world of competitive bearding. *Texas Monthly*.
- Hilton, Scott. (2017). *Project Barbatype* [Solo exhibition]. Photography Galleries, Orange Coast College, Costa Mesa, CA.
- Hilton, Scott. (2017). *The quintessential grooming guide for the modern gentleman, by Capt. Peabody Fawcett*. London: Jacqui Small.
- Hilton, Scott. (2017). Tintype presentation at the Dallas Book Festival, Dallas Central Library, Dallas, TX.
- Hilton, Scott. (2017). Tintype workshop presented at the Association of Texas Photography Instructors Annual Conference, University Of Texas At Arlington, Arlington, TX.
- Hilton, Scott. (2017). Tintype workshop presented at the Texas Woman's University, Denton TX.
- Hilton, Scott. (2017). Works included in *Americana* [Exhibition]. Colorado Photographic Arts Center, Denver, CO.
- Hilton, Scott. (2017). Works included in *Art through the Lens* [Exhibition]. Yeiser Art Center, Paducah, KY.
- Hilton, Scott. (2017). Works included in *The Big Picture* [Exhibition]. Month of Photography Denver, Denver, CO.
- Hilton, Scott. (2017). Works included in *The Portrait* [Exhibition]. Praxis Gallery, Minneapolis, MN.
- Hilton, Scott. (2017). Works included in Society for Photographic Education South Central Chapter Conference, Educators Show, Art Center of Waco, Waco, TX.
- Hilton, Scott (Ed.). (2017). Project Barbatype x Friendly's beard cards, 50-card set.
- Hilton, Scott, et al. (2017). *Disparate visions with a shared voice*. Presented at the Dallas Center for Photography, presented by Texas Photographic Society, Dallas TX,.
- Hower, Robert**. (2017). Works included in *9th United Designs – Liechtenstein: Message to humanity international poster Exhibition*.

- Huckaby, Sedrick.** (2017). *Everyday glory* [Exhibition catalogue]. Valley House Gallery.
- Huckaby, Sedrick. (2017). Louis Mohollen Lectureship, Abington Hospital.
- Huckaby, Sedrick. (2017). Works included in *Rising, Sunny, Son* [Exhibition]. Meadows Museum of Art, Dallas, TX.
- Huckaby, Sedrick. (2017). Works included in *The 99%* [Exhibition]. Steven Harvey Fine Art, New York, New York.
- Hudel Smith, Pauline.** (2017). *Ft Worth business press local advertising community presents Addy Awards*.
- Hudel Smith, Pauline. (2017). *Gig poster show* [Curator]. University of Texas at Arlington and Brookhaven College.
- Hudel Smith, Pauline. (2017). *The Process* [Solo exhibition]. Atrium Gallery, Brookhaven College.
- Hudel Smith, Pauline. (2017). Works included in *Faculty Biennial XVI* [Exhibition], University of Texas at Arlington Gallery, Arlington, TX.
- Huerta, Benito.** (2017). *West Kings Highway: The work of Cesar A. Martinez* [Curator]. National Museum of Mexican Art, May 19—October 15, Chicago, IL.
- Huerta, Benito. (2017). Works included in *Papel Chicano Dos: Works on paper from the Cheech Marin collection*. Philbrook Museum of Art, June 3—September 3, Tulsa, OK; September 23–December 16, University of Wyoming Art Museum, Laramie, WY.
- Janvier, Kathleen.** (2017). *Contemporary craft* [Blog].
- Janvier, Kathleen. (2017). Featured Artist. Lydon Emerging Artist Program (LEAP). The Store-Society of Contemporary Craft, Pittsburgh, PA.
- Janvier, Kathleen. (2017). *Schmuck 2017* [Exhibition catalogue].
- Janvier, Kathleen. (2017). *Schmuck*. Internationale Handwerksmesse, Munich, Germany.
- Janvier, Kathleen. (2017). Works included in *CHAOS!!!!*, Ro2 Art, Dallas, TX.
- Janvier, Kathleen. (2017). Works included in *Faculty Creative Works Exhibition*, Central Library, University of Texas at Arlington, Arlington, Texas.
- Janvier, Kathleen. (2017). Works included in *Wearable Art Invitational*. Greenville Center for Creative Arts, Greenville, SC.
- Jawad, Fatimah.** (2017). Accolades cola scholar award.
- Jolly, Marilyn.** (2017). Works included in *Art City Austin*, Palmer Event Center, Austin, TX.
- Jolly, Marilyn. (2017). Works included in *Big Idea* [Group exhibition]. The Painting Center, New York, NY.
- Jolly, Marilyn. (2017). Works included in *Builders*. Circuit 12 Contemporary, October 14–December 30, Dallas, TX.
- Jolly, Marilyn. (2017). Works included in *Small*. Erin Cluley Gallery, October 21– November 25, Dallas, TX.
- Kallus, Angela.** (2017). *Waterloo* [Solo exhibition]. The Reading Room, Dallas, TX.
- Kallus, Angela. (2017). Works included in *Union Pacific* [Four-person exhibition]. Circuit12 Contemporary, Dallas, TX.
- Lauster, Darryl.** (2017). *Declaration*. Inverse Performance Art Festival, Crystal Bridges Museum, Bentonville, AR.
- Lauster, Darryl. (2017). *Less the remainder* [Solo installation]. Barry Whistler Gallery, Dallas, TX.
- Lauster, Darryl. (2017). *Rites of passage*. Hermosa Beach, CA: Creators Publishing.
- Lauster, Darryl. (2017). Temporary collectives. *Art Journal Online*.
- Lauster, Darryl. (2017). *Trace* [Solo exhibition]. Amon Carter Museum of American Art, Fort Worth, TX.

Lauster, Darryl. (2017). Works included in *Guns, Violence and Justice*. National Metals Museum, Memphis TN.

McCurdy, Leah. (2017). *Solid foundations: Practical and symbolic significance of bedrock at el Castillo acropolis of Xunantunich, Belize in the Maya central lowlands*. Presented at the Annual Meetings of the Society for American Archaeology, Vancouver, Canada.

McCurdy, Leah, et al. (2017). Succotzeños and archaeology: Long-term collaboration and ideas for the future. In *Chacmool Archaeology Conference Proceedings*. University of Calgary.

McCurdy, Leah, et al. (2017). *Tagged walls: Discoveries of graffiti at El Castillo, Xunantunich*. Presented at the 15th Annual Belize Archaeology Symposium, San Ignacio, Belize.

McWilliams, Leighton. (2017). *10th photographic image biennial* [Exhibition catalog]. Wellington B. Gray Gallery, East Carolina University, February 16-March 10, Greenville, NC.

McWilliams, Leighton. (2017). Directors Award for work included in *Small Works* [Exhibition]. Center for Fine Art Photography, November 17-January 6, Fort Collins, CO.

McWilliams, Leighton. (2017). *Las Vegas Series* [Solo exhibition]. Brookhaven College Forum Gallery, January 11-February 3.

McWilliams, Leighton. (2017). *Photographic arts national exhibition* [Exhibition catalog]. Mark Arts, Mary R. Koch Arts Center, March 31-May 14, Wichita, KS.

McWilliams, Leighton. (2017). *Plastic fantastic show viii national juried exhibition* [Exhibition catalog]. LightBox Photographic Gallery, June 10-July 5, Astoria, OR.

McWilliams, Leighton. (2017). *Wish you were here* [Exhibition catalog]. MPLS Photo Center, February 10-April 9, Minneapolis, MN.

McWilliams, Leighton. (2017). Works included in *10th Photographic Image Biennial Exhibition*, Wellington B. Gray Gallery, East Carolina University.

McWilliams, Leighton. (2017). Works included in *Photographic Arts National Exhibition*. March 31-May 14, Mark Arts, Mary R. Koch Arts Center, Wichita, KS.

McWilliams, Leighton. (2017). Works included in *Plastic Fantastic Show VIII* [International juried exhibition]. LightBox Photographic Gallery, June 10-July 5, Astoria, OR.

McWilliams, Leighton. (2017). Works included in *RayKo 10th annual international juried plastic camera exhibition*. RayKo Photo Center Gallery, March 1-April 23.

McWilliams, Leighton. (2017). Works included in *When things are strange* [Exhibition]. Colonel Eugene Myers Gallery of Art, University of North Dakota, October 16-November 6, Grand Forks, ND.

McWilliams, Leighton. (2017). Works included in *Wish you were here* [International exhibition]. Mpls Photo Center, February 10-April 9, Minneapolis, MN.

Mitchell, Cheryl. (2017). Works included in *Becoming the beast: Animal identity in cultural masquerade* [Exhibition]. Visual Resource Commons & Gallery, University of Texas at Arlington Fine Arts Collection, October 2-January 19, Arlington, TX.

Mitchell, Cheryl. (2017). Works included in *More peace of mind* [Exhibition]. Ransom Hall, University of Texas at Arlington, Arlington, TX.

Niven, Norry. (2017). Cindy awards gold.

North, Kenda. (2017). *Seeing is a nervous habit* [One person retrospective]. Arlington Museum of Art, August 19-October 8, Arlington, TX.

North, Kenda. (2017). Works included in *From the collection...Recent acquisitions* [Group Exhibition]. Fresno Art Museum, May 20-January 7, Fresno, CA.

North, Kenda. (2017). Works included in *In gratitude: The museum project*. Syracuse University Art Galleries, August 17-May 13.

- North, Kenda. (2017). Works included in the annual group exhibition, Craighead-Green Gallery, May 13-June 17, Dallas, TX.
- Ortiz, Andrew.** (2017). Mission statement. *Animalia*, A Smith Gallery.
- Ortiz, Andrew. (2017). Mission statement. *Tell me a story*, Foundry Art Centre.
- Ortiz, Andrew. (2017). Works included in *Hidden truths project 1:26 art of epilepsy* [Exhibition].
- Ortiz, Andrew. (2017). Works included in the Tallahassee international exhibition. Florida State University Museum of Fine Arts, Tallahassee, FL.
- Santos, Soyla.** (2017). *Less ebb more flow*. Presented at the 20th Annual UTAAA Advising Conference, Arlington, TX.
- Santos, Soyla. (2017). *Mapping it out: Social media strategy in higher Ed*. Presented at the 20th Annual UTAAA Advising Conference, Arlington, TX; NACADA Region 7 Annual Advising Conference, Tulsa, OK.
- Smith, Dwain.** (2017). *Katrina's son* [Short film; produced and directed].
- Terrasi, Tore.** (2017). World multidisciplinary art symposium presentation and exhibition, June 19–23, Prague, Czech Republic.
- Vaccaro, Mary.** (2017). *Agostino Carracci in Venice*. Paper presented at the Renaissance Society of America, Chicago, IL.
- Vaccaro, Mary. (2017). *Disegnare meglio che il Caravaggio: Ribera's drawing practice in context*. Invited gallery talk presented at the Meadows Art Museum.
- Vaccaro, Mary. (2017). Girolamo Mazzola Bedoli disegnatore, ancora alcuni inediti. *Aurea Parma*, 101(2), 103–118.
- Communication**
Charla Markham Shaw, Chair
-
- Campbell, Geoffrey.** (2017). Finding gratitude on the cloudiest days. *Round Table Companies*.
- Campbell, Geoffrey. (2017). *Food porn confidential: NOLA and beyond* [Blog].
- Campbell, Geoffrey. (2017). Ghostwrote before the calm: How my mistakes unearthed the real me. *Round Table Companies*.
- Campbell, Geoffrey. (2017). Vulnerability is at the heart of the story. *Round Table Companies*.
- Chatterjee, Karishma,** et al. (2017). *How inter-disciplinary group members manage communication challenges when providing hospice care: An application of problematic integration theory*. Paper presented at the International Communication Association, San Diego, CA.
- Christie, Thomas.** (2017). *Brexit, the 2016 U.S. presidential election and the media*. Panel presentation: Lies, Damn Lies, and Political, Las Vegas, NV.
- Christie, Thomas. (2017). *Candidate personalities and political issues: A content analysis of major public opinion issues in traditional news media during the 2016 U.S. presidential election*. Paper presented at the annual American Association, New Orleans, LA.
- Christie, Thomas, et al. (2017). *Programming and policy priorities: Changes in the strategic direction of the broadcasting board of governors*. Poster presented at the Broadcast Education Association Convention, Las Vegas, NV.
- Harp, Dustin,** et al. (2017). Covering Clinton (2010–2015): Meaning-making strategies in U.S. magazine covers. *Feminist Media Studies*, doi: 10.1080/14680777.2017.1358204.
- Harp, Dustin, et al. (2017). The spectacle of politics: Wendy Davis, abortion, and pink shoes in the Texas “fillybuster.” *Journal of Gender Studies*, 26(2), 227–239, doi: 10.1080/09589236.2016.1175924.

Liguez, Lance. (2017). *Bear traps everywhere: Navigating in a world of fake news.* Presented at the College Broadcasters Conference, San Antonio, TX.

Liguez, Lance. (2017). *Turn it on! Unique programming ideas to invigorate student media.* Presented at the BEA 2017, Las Vegas, NV.

Liguez, Lance. (2017). *Your college radio station: Launching, programming and recruiting.* Presented at the BEA 2017, Las Vegas, NV.

Markham Shaw, Charla, et al. (2017). *The influence of social networks on young adult perception and adoption of the HPV vaccine.* Presented at the International Conference on Communication in Healthcare, Baltimore, MD.

Markham Shaw, Charla, et al. (2017). *Predictors of information seeking about the HPV vaccine from peers among college-going young adults in the united states.* Presented at the International Conference on Communication in Healthcare, Baltimore, MD.

Su, Chunke. (2017). Learning organizations. *International Encyclopedia of Organizational Communication* (pp. 1–9).

Tremayne, Mark W. (2017). The Facebook Agenda: Global Social Media News Characteristics. *American Communication Journal* 19(1).

Criminology and Criminal Justice

Kent Ryan Kerley, Chair

El Sayed, Sarah, et al. (2017). Differentiating between Moffitt's developmental taxonomy and Silverthorn and Frick's delayed-onset models of female offending. *Criminal Justice and Behavior.*

El Sayed, Sarah, et al. (2017). Estimating relative stability in developmental research: A critique of modern approaches and a novel solution. *Journal of Quantitative Criminology.*

Kerley, Kent R. (Ed.). (2017). *The Encyclopedia of Corrections.* Beverly Hills, CA: Wiley-Blackwell.

English

Kevin Porter, Chair

Alaimo, Stacy. (2017). The anthropocene at sea: Paradox, anachronism, compression. In Jon Christensen, Ursula K. Heise, Michelle Niemann (Eds.), *Routledge Companion to the Environmental Humanities.*

Alaimo, Stacy. (2017). Feminismos transcorpóreos e o espaço ético da natureza. *Estudos Feministas, Revista Estudos Feministas*, doi: 10.1590/1806-9584.2017v25n2p909.

Alaimo, Stacy. (Ed.). (2017). *Gender: Matter.* Farmington Hills, MI: Macmillan Reference USA.

Alaimo, Stacy. (2017). Your shell on acid: Material immersion, anthropocene dissolves. In Richard Grusin and John C. Blum (Eds.), *Anthropocene Feminisms.* Minneapolis: University of Minnesota Press.

Alaimo, Stacy (Trans). (2017). Deviant agents: The science, culture, and politics of multiple chemical sensitivity / dewiacyjni sprawcy: Nauka, kultura oraz polityka wieloczynnikowej nadwra liwo ci chemicznej. In Monika Rogowska- Stangret (Trans.), *Bodily Natures | Przegląd Filozoficzno-Literacki*, 1(46), 33–70.

Beck, Estee. (2017). *Rise up for a feminist-led internet privacy revolution! A cyberfeminist response to the use of psychometric data and algorithmic surveillance in the 2016 united states presidential election.* Talk presented at the Feminisms and Rhetorics, Dayton, OH.

Beck, Estee. (2017). *A technical communicator's dilemma upon finding consumer apathy toward website and app privacy policy statements.* Talk presented at the Annual Conference of the Association of Teachers of Technical Writing (ATTW), Portland, OR.

Corder, Catherine. (2017). *The supercrip as revolutionary in Alan Moore's "V for vendetta."* Presented at the Popular Culture Association Conference, San Diego, CA.

- Frank, Luanne.** (2017). *Heidegger: ¿Aún otro principio?* Presented at the International Hermeneutics Conference Buenos Aires, Argentina.
- Frank, Luanne. (2017). *Heidegger's one Alétheia or more.* Presented at the Nineteenth Annual Conference of the Society for Phenomenology and Media, Brussels, Belgium.
- Gustafson, Kevin.** (2017). God and the Gawain-poet: Theology and genre in *Pearl, Cleanness, Patience, and Sir Gawain and the Green Knight*. *Arthuriana*, 27(2), 108–109.
- Henderson, Desiree.** (2017). Introduction to legacy features forum, Susanna Rowsons sincerity and the just teach one project. *Legacy: A Journal of American Women Writers*, 34(1), 129–131.
- Ingram, Penelope.** (2017). *Distinguished Teaching Professor, Academy of Distinguished Teachers, Office of the President, University of Texas at Arlington.*
- Krajewski, Bruce,** et al. (2017). *The man in the high castle and philosophy: Subversive reports from another reality.* Chicago: Open Court.
- Matheson, Neill.** (2017). Ardent creatures: William Bartram and the limits of compassion. In Dominik Ohrem (Ed.), *American Beasts* (pp. 225–244). Berlin, Germany: Neofelis.
- Matheson, Neill. (2017). *Burton's smile: Melville in Oxford.* The Eleventh International Melville Society Conference, June, Kings College London, UK.
- May, Cedrick.** (2017). *The collected works of Jupiter Hammon, poems and essays.* The University of Tennessee Press.
- Miller, Jennifer.** (2017). A little queer: Ambivalence and the work of gender play in children's literature. In CarrieLynn D. Reinhard and Christopher Olson (Eds.), *Heroes, Heroines, and Everything in Between: Challenging Gender and Sexuality Stereotypes in Children's Entertainment Media.* Lanham, MD: Lexington.
- Miller, Jennifer. (2017). Queering the virgin: Evangelical world making and the heterosexual crisis. *European Journal of American Studies. Special Issue Re-Queering the Nation: America's Queer Crisis*, 11(3).
- Porter, Kevin.** (2017). Writing(,) hypothetically. In Sidney I. Dobrin and Kyle Jensen (Eds.), *Abducting Writing Studies* (pp. 81–120). Carbondale: Southern Illinois University Press.
- Richardson, Timothy.** (2017). *Toward a more ethical writing assessment: Cultivating risk, range, and reflection with the learning record.* Roundtable presentation and discussion at the Conference on College Composition and Communication (CCCC), Portland, OR.
- Rosenberg England, Nancy.** (2017). *Dracula film spoofs: Funny and loving It.* Talk presented at the World Dracula Day Symposium 2017, North Central Texas College.
- Tavera, Stephanie.** (2017). *Cock-high in the world: Sexuality from a dismodern feminist perspective.* Paper presented at the Cultural Constructions Conference: Culture and Society, University of Texas at Arlington, Arlington, TX.
- Tavera, Stephanie. (2017). *(Dis)abling sex education in Gilman's "Herland."* Presented at the Fifth Annual English Graduate Conference, University of Texas at Arlington, Arlington, TX.
- Tavera, Stephanie. (2017). *Resisting the conspiracy of silence: Charlotte Perkins Gilman and the women's health movement.* Presented at the Modern Language Association Convention, Philadelphia, PA.
- Tavera, Stephanie. (2017). *Theorizing her-story: Dis/ability and the female body in feminist medical fiction.* Invited Talk presented at the Center for Theory Colloquia, University of Texas at Arlington, Arlington, TX.
- Tesdal, Luke.** (2017). *Deceiving friends and relatives: Basic forms of discourse.* Paper presented at the Rice Symposium, Rice University.
- Tigner, Amy,** et al. (2017). *Literature and food studies.* Literature and Contemporary Thought Series. New York: Routledge.

Warren, Kathryn. (2017). The reluctant reader. *The Chronicle Review*, 27, B16.

Warren, Kathryn. (2017). Review of “A Refugee from His Race: Albion W. Tourgée and His Fight against White Supremacy,” by Carolyn L. Karchers. *The Journal of American History*.

Warren, Kathryn. (2017). *The troubling use of empathy in to kill a mockingbird*. Lecture presented at the Honors College.

History

Scott W. Palmer, Chair

Adam, Thomas. (2017). From restructuring to dissolution to rebuilding endowments and foundations in East Germany. In Gregory R. Witkowski and Arnd Bauerkemper (Eds.), *German Philanthropy in Transatlantic Perspective: Perceptions, Exchanges and Transfers since the Early Twentieth Century* (pp. 171–186). Cham, Switzerland: Springer.

Adam, Thomas. (2017). The intercultural transfer of football: The contexts of Germany and Argentina. *Sport in Society*, 20(10), 1371–1389.

Adam, Thomas. (2017). Interreligious and intercultural transfers of the tradition of philanthropy. In Julia R. Lieberman and Michal Jan Rozbicki (Eds.), *Charity in Jewish, Christian, and Islamic Traditions* (pp. 45–65). Lanham, MD: Lexington Books.

Babiracki, Patryk. (2017). Review of “Polityka a Historia,” by Jan Szumski. *ZSRR wobec nauki historycznej w Polsce w latach 1945–1964*.

Beebe, Kathryn. (2017). *Netzwerkanalyse ber schriften sp mittelalterlicher klosterfrauen*. Presentation at the Workshop Ordnungsdiskurse in Frauenkl stern: Chroniken und Selbstzeugnisse, Universit t T bingen,.

Beebe, Kathryn. (2017). *Virtual pilgrims, virtual maps: Using GIS to understand late-medieval representational space*. Presentation at the 52nd International Conference on Medieval Studies, May, Kalamazoo, MI.

Dellinger, Justin. (2017). *Learning analytics micromasters*. Workshop presented at The 7th International Learning Analytics and Knowledge Conference, Simon Fraser University.

Dellinger, Justin, et al. (2017). *Considerations for learning analytics implementations*. Presentation at the 5th Annual Research Day—Department of Educational Leadership and Policy Studies, University of Texas at Arlington, TX.

Demhardt, Imre. (2017). *Aus allen weltteilen Ägypten mit Sudan und Libyen*. Geographische Anthologie des 19. Jahrhunderts. Heidelberg, Germany: Springer.

Demhardt, Imre (Ed.). (2018). *Dissemination of cartographic knowledge: 6th International Symposium of the ICA Commission on the History of Cartography, 2016*. Cham, Switzerland: Springer International.

Folsom, Bradley. (2017). *Arredondo: Last Spanish ruler of Texas and northeastern New Spain*. Norman, OK: University of Oklahoma Press.

Garrigus, John. (2017). Review of “Atlantic Africa and the Spanish Caribbean, 1570–1640,” by David Wheat. *American Historical Review*, 122(2), 553–554.

Garrigus, John, et al. (2017). *Slave revolution in the Caribbean, 1789–1804: A brief history with documents*. Boston, MA: Bedford/St. Martins.

Haynes, Sam. (2017). *The Border Land digital humanities project*. Presented at University of Texas at Arlington, Arlington, TX.

Haynes, Sam. (2017). *Digital humanities in the Texas history classroom*. Public Lecture presented at University of Texas at Arlington, Arlington, TX.

Haynes, Sam. (2017). *Mapping violence in 19th century Texas*. Public Lecture presented at the Texas Map Society, College Station, TX.

Haynes, Sam. (2017). *Teaching Native Americans in Texas: The Border Land project*. Public Lecture presented at the Bullock Library, UT Austin, Austin, TX.

- Haynes, Sam, et al. (2017). *Major problems in Texas history: Documents and essays*. Boston, MA: Cengage Learning.
- LaFevor, David C.** (2017). *Race, boxing, and U.S. culture in Cuba during the first republic*. Lecture presented at the Center for Sports Studies, University of Colorado Boulder, Boulder, CO.
- LaFevor, David C. (2017). *The slave ship Cicerón and the Argüelles affair*. Invited presentation, Department of History, University of Alabama.
- LaFevor, David C., et al. (2017) *The third century: U.S.-Latin American relations since 1889*. Lanham, MD: Rowman & Littlefield.
- Maizlish, Stephen.** (2017). The cholera panic in Washington and the Compromise of 1850. *Washington History*.
- Morris, Christopher.** (2017). The American south in the French empire: Les etes longs et chauds. In Joseph P. Ward (Ed.), *European Empires in the American South*. Jackson, MS: University of Mississippi Press.
- Morris, Christopher. (2017). Environmental history of the Mississippi River. In *Oxford Research Encyclopedia of Environmental Science*.
- Morris, Christopher. (2017). The intellectual lives of Natchez and Concord, and the legacies of slavery. *Southern Quarterly*, 54(2), 49–70.
- Morris, Christopher. (2017). Review of “Let us now praise famous gullies: Providence canyon and the soils of the south,” by Paul S. Sutter. *Agricultural History*, (Winter), 120–122.
- Reinhardt, Steven,** et al. (2017). *Currents in transatlantic history: Encounters, commodities, identities*. Texas A&M University Press.
- Rose, Sarah F.** (2017). *No right to be idle: The invention of disability, 1850-1930*. Chapel Hill: University of North Carolina Press.
- Travis, Charles.** (2017). GeoHumanities, GIScience and Smart City Lifeworld approaches to geography and the new human condition. *Global and Planetary Change*, (Special Issue).
- Travis, Charles. (2017). Imagined landscapes: Geovisualizing Australian spatial narratives. *Social & Cultural Geography*, 18(6).
- Travis, Charles. (2017). Joycean chronotopography: Homer, Dante, Ulysses. In Robert Tally (Ed.), *The Routledge Handbook of Literature and Space*.
- Travis, Charles, et al. (2017). Geoarchaeological modeling of late Paleoindian site locations in the northwestern Great Lakes. *PaleoAmerica*.
- Zimmer, Kenyon.** (2017). At war with empire: The anti-colonial roots of American anarchist debates over World War I. In Matthew Adams and Ruth Kinna (Eds.), *Anarchism 1914–1918: Internationalism, Militarism, and War*. Manchester University Press.
- Zimmer, Kenyon. (2017). A cosmopolitan crowd: Transnational anarchists, the IWW, and the American radical press. In Peter Cole, David Struthers, and Kenyon Zimmer (Eds.), *Wobblies of the World: A Global History of the IWW*. Pluto Press.
- Zimmer, Kenyon. (2017). *Everything you know about immigration is wrong*. Talk presented at the Historical Underground, Tarrant Community College, Arlington, TX.
- Zimmer, Kenyon. (August 30, 2017). Forgotten fighters: American anarchist volunteers in the Spanish civil war. *The Volunteer*.
- Zimmer, Kenyon. (2017). Review of “In defiance of boundaries: anarchism in Latin American history,” edited by Geoffrey De Laforcade and Kirwin Shaffer. *Labor: Studies in Working-Class History of the Americas*, 14(2).
- Zimmer, Kenyon. (2017). Saul Yanovsky and Yiddish anarchism in the lower east side. In Tom Goyens (Ed.), *Radical Gotham: Anarchism in New York City from Schwabs Saloon to Occupy Wall Street*. University of Illinois Press.
- Zimmer, Kenyon, et al. (Eds.). (2017). *Wobblies of the world: A global history of the IWW*. Pluto Press.

Linguistics

Laurel Smith Stvan, Chair

- Fitzgerald, Colleen.** (2017). Motivating the documentation of the verbal arts: Arguments from theory and practice. *Language Documentation & Conservation*, 11, 114–132, <http://hdl.handle.net/10125/24628>.
- Fitzgerald, Colleen. (2017). *The sounds of indigenous language revitalization* [Plenary]. Annual Meeting of the Linguistic Society of America.
- Fitzgerald, Colleen. (2017). Understanding language vitality and reclamation as resilience: A framework for language endangerment and loss (commentary on Mufwene). *Language*, 93(4), e281–298.
- Price, Iya.** (2017). *Effects of story retelling on adult foreign language development: Evidence from Russian*. Paper presented at the 74th Annual Conference of South Central Modern Language Association, Tulsa, OK.
- Price, Iya. (May 17, 2017). Review of “Slavic languages in psycholinguistics: Chances and challenges for empirical and experimental research,” edited by Tanja Anstatt, Anja Gattnar, Christina Clasmeier (2016). *LINGUIST list*, 28.2243.
- Price, Iya, et al. (2017). Sources of relative clause processing difficulty: Evidence from Russian. *Journal of Memory and Language*, 97, 208–244.
- Sabbagh, Joseph,** et al. (Eds.). (2017). *Asking the right questions: Essays in honor of Sandra Chung*. Escholarship/UC Santa Cruz, CA.
- Stvan, Laurel,** et al. (2017). *Compiling a thematic diachronic corpus: Challenges in piloting H-code*. Presentation presented at Big Data and Medieval Studies, the Present and Future of Medieval Text Archives at Trinity College, Dublin, Ireland.
- Stvan, Laurel, et al. (2017). *What students believe is healthy: Language clues in pre-diabetic populations*. Paper presented at the 15th Interdisciplinary Conference.
- Witzel, Jeffrey.** (2017). *Agreement and illusions of grammaticality in sentence comprehension*. Invited talk presented at the University of Oklahoma, Norman, OK.
- Witzel, Jeffrey, et al. (2017). *Plausibility and structural reanalysis in online L1/L2 sentence processing*. Poster presented at the American Association for Applied Linguistics, Portland, OR.
- Witzel, Jeffrey, et al. (2017). Sources of relative clause processing difficulty: Evidence from Russian. *Journal of Memory and Language*, 97, 208–244.
- Witzel, Naoko.** (2017). *The brain and second language acquisition*. Invited talk presented at the Tarrant Community College, Arlington, TX.
- Witzel, Naoko, et al. (2017). *Morphological decomposition of Vietnamese compound words in Vietnamese heritage language speakers*. Poster presented at the 9th Annual DFW Metroplex Linguistics Conference, University of Texas at Arlington, Fort Worth, TX; 36th Second Language Research Forum, Ohio State University, Columbus, OH.
- Witzel, Naoko, et al. (2017). *Qualitative differences in L2 semantic fields between highly proficient early and late Vietnamese-English bilinguals*. Poster presented at the 41st Annual Penn Linguistics Conference, University of Pennsylvania, Philadelphia, PA.
- Witzel, Naoko, et al. (2017). Transposed-letter priming across inflectional morpheme boundaries. *Journal of Psycholinguistic Research*, 46, 125–140. DOI 10.1007/s10936-016-9423-5.
- Yoon, Suwon,** et al. (2017). *From referential vagueness to metalinguistic negation: Anti-specificity marker in American Sign Language*. Poster presented at the 19th Seoul International Conference on Generative Grammar, August 9–11, Seoul National University, Seoul, Korea.

Modern Languages

Sonia Kania, Chair

- Alameddin, Najia.** (2017). *Maximizing use of the target language in the classroom*. Presented at the MODL Faculty Orientation, UTA Modern Languages Department.
- Alameddin, Najia. (2017). *Souvenir d'enfance et la guerre au liban*. Paper presented at the Modern Languages Department.
- Berthold, Barbara.** (2017). *German Instructor Roundtable (AATG Chapter Grant) sponsored by American Association of Teachers of German*.
- Conway, Christopher.** (2017). Alcohol and nationhood in nineteenth-century Mexico by Deborah Toner. *The Americas*, 74(4), 583–585.
- Conway, Christopher. (2017). The Mexican charro: A critical introduction. In Stuart Day (Ed.), *Modern Mexican Culture: Critical Foundations*. Tucson, AZ: University of Arizona Press.
- Elliott, A. Raymond.** (2017). Ruhua ru'man hio'ó gatsii “In the hole of white dirt” legend in Chicahuaxtla Triqui. *International Journal of American Linguistics Online Texts*, 2(1), 1–32.
- Gregorio Cano, Ana,** et al. (2017). Protección internacional en Melilla: El papel del intérprete en la entrevista de asilo en la frontera sur de Europa. *Entreculturas*, 9, 217–289.
- Harrison, Lonny.** (2017). Apostate of the natural school: Dostoevsky's narrative of cognitive truth in *The Double*. *South Central Review*, 34(1), 1–31.
- Harrison, Lonny. (2017). The suffering games: De Quincean prodigality and self-production in Fyodor Dostoevsky's *Igrok* (The Gambler). *Dostoevsky Journal*, 18, 1–25.
- Kania, Sonia,** et al. (2017). *Text and concordances of the relación de la jornada de Cíbola, by Pedro de Castañeda de Nájera*. New York: Hispanic Seminary of Medieval Studies.

Kim, Sok. (2017). *Language-specific cue weighting effects in the identification of the Korean voiceless stops by English-speaking L2 learners of Korean*. Presented at the Seoul International Conference on Speech Sciences, Seoul National University, Korea.

Rueda-Acedo, Alicia. (2017). From the classroom to the job market: Integrating service-learning and community translation in a legal translation course. *Translating for the Community*. Bristol: Multilingual Matters, 36–62.

Ruiz-Perez, Ignacio. (2017). Apuntes para la recepción crítica reciente de la poesía de José Carlos Becerra: de la neovanguardia al neobarroco. *Casa del Tiempo*, 41, 23–26.

Sol, Antoinette. (2017). *Blanche de Ransi: Pérégrinations et relations en Afrique au xvii siècle*. Oral Presentation at the Congrès mondial du Conseil international d'études francophones, Université des Antilles, Martinique, France.

Sol, Antoinette. (2017). Secret history in late eighteenth- and early nineteenth-century France. In R. Bullard and R. Carnell (Eds.), *Reconsidering Secret History* (pp. 216–228). Cambridge, UK: Cambridge University Press.

Watson, Sonja. (2017). *Homenaje/homage a/to Carlos Cubena Wilson*. Presented at the College Language Association.

Watson, Sonja. (2017). Review of “When the devil knocks: The Congo tradition and the politics of blackness in twentieth-century Panama.” *NWIG*, 91(1&2).

Music

Dan Cavanagh, Interim Chair

Bennett Cameron, Laura. (2017). *Across the pond: Bassoon works by American and British composers*.

Bubert, Dennis. (2017). Under the radar, Part 2—Obscure works for the orchestral bass trombonist. *Journal of the International Trombone Association*, 45(1).

Chave, George. (2017). *Baby boom* [Interactive electronic and voice]. Applause Festival Electric Resonance concert, Fort Worth, TX.

Chave, George. (2017). Duos for double bass and violin, Kansas Wesleyan University; Society of Composers Incorporated Region VI Conference, and Saint Mark's Fine Arts program, Arlington, TX.

Chave, George. (2017). *Humoresque for solo bassoon*, Society of Composers Incorporated Region VI Conference, Arlington, TX.

Chave, George. (2017). *Le Nez de L'esprit*, Trombone quartet, Society of Composers Incorporated National Conference.

Chave, George. (2017). Three movements for flute choir, New York Flute Society Meeting, New York, NY.

Chave, George. (2017). Two songs for soprano and cello [Webcast and performances]. Yale Center of Beijing; Beijing Capitol Normal, Electric Power, and Nanjing Universities; and Zhejiang Conservatory of Music, Hanzhou, China.

Eldridge, Steven. (2017). University of Texas at Arlington Percussion Ensemble. New Literature for Percussion Program, Percussive Arts Society International Convention, November, Indianapolis, IN.

Grogan, David. (2017). Misa Flamenco with Orchestra of New Spain, *Missa ave maris stele*, by Francisco Courcelles [Soloist]. Dallas City Performance Hall, February 15, Dallas, TX.

Grogan, David. (2017). Solo song cycle [Soloist]. Society of Composers International Conference, University of Texas at Arlington, February 4, Arlington, TX.

Hayes, Micah. (2017). *The beginning and ending of everything*. Exodus Films.

Sanchez, Terri. (2017). *The aspiring flutists practice companion: Motivating tips, games, and exercises for flutists who want to go further*. Carolyn Nussbaum Music Co.

Unzicker, Jack. (2017). Double bass soloist. Society of Composers Region VI Conference, Irons Recital Hall, University of Texas at Arlington, February 2–3, Arlington, TX.

Philosophy and Humanities

Kenneth Williford, Chair

Burgess-Jackson, Keith. (2017). Rethinking the presumption of atheism. *International Journal for Philosophy of Religion*. 10.1007/s11153-017-9637-y.

Byrd, Miriam. (2017). *Plato's forms in us as objects of dianoia*. Paper presented at the 15th Annual Conference for the International Society for Neoplatonic Studies, Olomouc, Czechia.

Byrd, Miriam, et al. The Socratic Method. In Jeff Herr, Twyla Miranda (Eds.), *The Value of Academic Discourse: Starting Conversations* (pp. 3–22). Lanham, MD: Rowman & Littlefield.

Giberman, Daniel. (2017). Bent, not broken: Why exemplification simpliciter remains a problem for eternalist endurantism. *Erkenntnis*, 82(5), 947–966.

Rosenthal, Crystal. (2017). Material memory: Postmodern nostalgia in the art of Nancy Wisti Grayson. *Peripheral Vision Arts*, (5).

Political Science

Rebecca E. Deen, Chair

Boyea, Brent. (2017). *Party endorsements and individual contributions: A study of preprimary endorsements in gubernatorial primary elections*. Presented at the Annual meeting of the Western Political Science Association, Vancouver, BC, Canada.

Hoang, Bai. (2017). *Are you too busy to listen up exploring the effects of race on local legislators proclivities toward distractions in public meetings*. Paper presented at the 88th Annual Meeting of the Southern Political Science Association, New Orleans, LA.

- Hoang, Bai. (2017). *The effect of race on non-verbal communication in public meetings*. Poster presented at the 34th Annual Meeting of the Society for Political Methodology, Madison, WI.
- Marshall, Thomas.** (2017). *Reconstructing diversity: Using polling archives to study diversity*. Presentation at the 2017 annual meeting of the American Association for Public Opinion Research, New Orleans, LA.
- Sasley, Brent E., et al.** (2017). *Politics in Israel: governing a complex society*. New York: Oxford University Press.
- Sledge, Daniel.** (2017). Sledge, Daniel. Linking Public Health and Individual Medicine. *American Journal of Public Health*.
- Sledge, Daniel. (2017). *Health divided: Public health and individual medicine in the making of the modern American state*. Lawrence, KS: University Press of Kansas.
- Thomas, Herschel.** (2017). Modeling contagion in policy systems. *Cognitive Systems Research*.
- Thomas, Herschel, et al. (2017). The cognitive underpinnings of policy process studies: Introduction to a special issue of cognitive systems research. *Cognitive Systems Research*.
- Thomas, Herschel, et al. (2017). *Revolving door lobbying: Public service, private influence, and the unequal representation of interests*. University Press of Kansas.
- Arditi, David. (2017). Review of understanding copyright: Intellectual property in the digital age, by Bethany Klein, Giles Moss, and Lee Edwards. *New Media & Society*, 19(7), 1148–1150.
- Arditi, David. (2017). *We're getting the band back together: Social cohesion and solidarity in bands*. Presentation at the Southwestern Social Science Association, Austin, TX.
- Arditi, David. (2017). Would Adorno download music? Piracy, the recording industry and reproduction reconsidered. *Fast Capitalism*, 14(1).
- Cleghorn, Naomi, et al.** (2017). Identifying the accumulator: Making the most of bone surface modification data. *Journal of Archaeological Science*, 85, 105–113.
- Kunovich, Robert.** (2017). Labor market competition and immigration attitudes in an established gateway. *Ethnic and Racial Studies*, 40(11), 1961–1980.
- Kunovich, Robert. (2017). Perceptions of racial group size in a minority-majority city. *Sociological Perspectives*, 60(3), 479–496.
- Montemayor, Isabel, et al.** (2017). They treat you a different way: Public insurance, stigma, and the challenge to quality health care. *Culture, Medicine & Psychiatry*, 41(1), 161–180.
- Shelton, Beth, et al.** (2017). *Intensive mothering in the public sphere: The case of the school volunteer*. Presented at the Annual Meeting of the American Sociological Association, August 15, Montreal, Canada.
- Shelton, Beth, et al. (2017). Motherhood and public service: An exploration of school board trustees. In Simone Bohn, Pinar Yelsali and Lily Pourzand (Eds.), *Mothers in Politics and Public Life*. Toronto, CA: Demeter Press.
- Shelton, Jason E.** (2017). A dream deferred? Privileged blacks' and whites' beliefs about racial inequality. *Du Bois Review: Social Science Research on Race*, doi: 10.1017/S1742058X16000370.
- Smith, Shelley.** (2017). Twenty-first century eugenics the enduring legacy. *Perspectives in Biology and Medicine*, 59, 156–171.

Sociology and Anthropology

Robert Kunovich, Chair

- Agger, Ben, et al.** (2017). Time, motion, discipline: The authoritarian syllabus on American college campuses. *Critical Sociology*, doi: 10.1177/0896920515595844.
- Arditi, David.** (January 18, 2017). Digital subscriptions: The unending consumption of music in the digital era. *Popular Music and Society*, 1–17, doi:10.1080/03007766.2016.1264101.
- Arditi, David. (2017). *Music everywhere: Setting a digital music trap*. Paper presented at the American Sociological Association Annual Meeting, Montreal, QC, Canada.

Smith, Shelley, et al. (2017). Growth of the maxillary sinus in children and adolescents: A longitudinal study. *Journal of Comparative Human Biology*, 68(1), 51–62.

Speier, Amy. (2017). *Assessing service-learning as pedagogical tool in medical anthropology*. Presented at the Society for Applied Anthropology, Santa Fe, NM.

Speier, Amy. (2017). Reverse migration? North American couples take fertility holidays to the Czech Republic. *Anthropology News, World on the Move Series*.

Young, Robert, et al. (2017). Morality as a discursive accomplishment among animal rescue workers. *Deviant Behavior*, 38.

Theatre Arts

Andrew Gaupp, Chair

Bertch, Felicia. (2017). *The birds* [Actor]. Theatre Three.

Bertch, Felicia. (2017). *Much ado about nothing* [Actor]. Stolen Shakespeare Guild, The Sanders Theatre; Wheaton Shakespeare in the Park.

Bertch, Felicia. (2017). *Ready, set, mask* [Director]. Studio Theatre, University of Texas at Arlington, Arlington, TX.

Bertch, Felicia. (2017). *Tiny platform performances: The myth of Kelpius Alice in Punderland* [Director]. The Studio Theatre and Speakers Corner, University of Texas at Arlington, Arlington, TX.

Chapa, Joe. (2017). *Bus stop* [Director]. Theatre Arlington, Arlington, TX.

Chapa, Joe. (2017). *The complete works of William Shakespeare abridged* [Actor]. Theatre Arlington, Arlington, TX.

Chapa, Joe. (2017). *Pinocchio comedia* [Director]. Theatre Arlington, Arlington, TX.

Chapa, Joe. (2017). *She kills monsters* [One-act play; fight choreographer]. Waxahachie High School.

Chapa, Joe. (2017). *West side story* [Fight choreographer]. Mainstage, University of Texas at Arlington, March, Arlington, TX.

Harvey, Michelle. (2017). *The Christians*, by Lucas Hnath [Assistant scenic design]. Dallas Theatre Center, Kalita Humphreys Theatre Dallas, TX.

Harvey, Michelle. (2017). *The fabulous 50s: The spectacular senior follies* [Scenic design]. Eisemann Center for the Performing Arts, Richardson, TX.

Harvey, Michelle. (2017). *Goosebumps—The musical: Phantom of the auditorium* [Scenic design]. Dallas Children's Theatre.

Harvey, Michelle. (2017). *In your dreams—Turtle Creek Chorale concert* [Scenic design]. Dallas City Performance Hall, Dallas, TX.

Harvey, Michelle. (2017). *A little night music* [Scenic design]. Theatre 3, Norma Young Arena Stage, Dallas, TX.

Harvey, Michelle. (2017). *A midsummer night's dream*, by William Shakespeare [Scenic design]. University of Texas at Arlington Maverick Theatre Company / Department of Theatre Arts Performed at the Mainstage Theatre, University of Texas at Arlington, Arlington, TX.

Harvey, Michelle. (2017). *Snowflakes: The Turtle Creek Chorale in concert* [Scenic design and technical direction]. Moody Performance Hall, Dallas, TX.

Harvey, Michelle. (2017). *Some of these days*, by Natalie Gaupp [Scenic design]. Maverick Theatre Company, Studio Theatre, University of Texas at Arlington Theatre Arts, Arlington, TX.

Harvey, Michelle. (2017). *Titanic: In concert* [Scenic design]. Uptown Players/Turtle Creek Chorale, Dallas City Performance Hall, Dallas, TX.

Harvey, Michelle. (2017). *Topsy Turvy—Turtle Creek Chorale concert* [Scenic design]. Dallas City Performance Hall, Dallas, TX.

Healy, Anne. (2017). *The censor* [Assistant Director]. Award for Excellence in Playwriting, Las Vegas, NV.

Healy, Anne. (2017). *The immigrant experiences as told through the words of immigrant performers in America circa 1900 in troupers: A musical vaudeville, and original work by Anne Healy*. Paper presented at the Borders, Boundaries, and Barriers: Expansive Thinking and Global Solutions Conference, University of Texas at Arlington, Arlington, TX.

Healy, Anne. (2017). *Muhammad Ali on Broadway: Ali is big time buck white*. Invited Paper presented at the John Morton Center for North American Studies International Symposium, University of Turku, Turku Finland.

Healy, Anne. (2017). *Music from the melting pot: Songwriter Irving Berlin's musical response to the convergence of societal diversity at the turn of the 20th century*. Invited paper presented at the 12th Annual International Song, Stage, and Screen Conference, University of Surrey, Guildford, UK.

Healy, Anne. (2017). *Technology and Spiderman: Taymor and Co turn off the dark*. Invited Paper presented at the Association of Theatre in Higher Education Conference, Las Vegas, NV.

Healy, Anne. (2017). *West side story* [Director]. Mainstage, University of Texas at Arlington, March, Arlington, TX.

LaFontaine, Kim. (2017). *West side story* [Scenic design], Maverick Theatre Company, Mainstage, University of Texas at Arlington, March, Arlington, TX.

College of Nursing and Health Innovation

Anne Bavier, Dean

Kinesiology

David Keller, Chair

Brothers, Robert. (2017). Can assessment of afferent thermal sensitivity shed light onto multiple sclerosis diagnosis and disease progression. *Experimental Physiology*, 102(8), 885–886.

Brothers, Robert, et al. (2017). Blunted cerebral vascular responsiveness to hypercapnia in obese individuals. *Experimental Physiology*, doi: 10.1113/EP086446.

Brothers, Robert, et al. (2017). Pronounced and sustained cutaneous vasoconstriction during and following cryotherapy treatment: Role of neurotransmitters released from sympathetic nerves. *Microvascular Research*.

Caçola, Priscila, et al. (2017). Behavioral comparisons in autism spectrum disorder and developmental coordination disorder: A systematic literature review. *Research in Autism Spectrum Disorders*, 38, 6–18, doi: 10.1016/j.rasd.2017.03.004.

Caçola, Priscila, et al. (2017). *Changes in motor performance of young children: A three-year longitudinal study*. Poster abstract for the NASPSPA annual convention, San Diego, CA.

Caçola, Priscila, et al. (2017). *Comparison of health-related quality of life scores in children with developmental coordination disorder (DCD)*. Poster abstract for the 12th International Conference on Developmental Coordination Disorder (DCD 12), Fremantle WA, Australia.

Caçola, Priscila, et al. (2017). *Dynamic postural control in typical development, autism spectrum disorder and developmental coordination disorder*. Oral abstract presented at the World Congress of the International Society for Posture and Gait Research (ISPGR), Fort Lauderdale, FL.

Caçola, Priscila, et al. (2017). *Eye and body movement as promising biomarkers and intervention targets in autism and developmental coordination disorder*. Poster presented at the Society for Research in Child Development (SRCD) Annual Meeting, Austin, TX.

Caçola, Priscila, et al. (2017). Implications of preterm birth for maternal mental health and infant development. *The American Journal of Maternal/Child Nursing*, 42(2), 108–114, doi: 10.1097/NMC.0000000000000311.

Caçola, Priscila, et al. (2017). *Improvement in brain activation after a short handwriting intervention in children with developmental coordination disorder*. Poster abstract for the 12th International Conference on Developmental Coordination Disorder (DCD 12), Fremantle WA, Australia.

- Caçola, Priscila, et al. (2017). *The influence of manual dexterity ability in visual motor integration and handwriting skills of 5-year-olds*. Poster abstract for the NASPSPA annual convention, San Diego, CA.
- Caçola, Priscila, et al. (2017). *Motor, but not cognitive ability, is associated to movement imagery capacity in children*. Poster abstract for the NASPSPA annual convention, San Diego, CA.
- Caçola, Priscila, et al. (2017). *Multidimensional profiles of children referred to a motor skill intervention program*. Poster abstract for the 12th International Conference on Developmental Coordination Disorder (DCD 12), Fremantle WA, Australia.
- Caçola, Priscila, et al. (2017). *Parental perception of potential developmental coordination disorder and children's actual motor ability*. Poster abstract for the NASPSPA Annual Convention, San Diego, CA.
- Caçola, Priscila, et al. (2017). *Visuomotor integration and postural stability in children with DCD and ASD*. Oral abstract presented at the 12th International Conference on Developmental Coordination Disorder (DCD 12), Fremantle WA, Australia.
- Caçola, Priscila, et al. (2017). *Visuomotor integration: A potential biomarker of autism spectrum disorder in lab and community-based settings*. Oral abstract presented at the International Meeting for Autism Research, San Francisco, CA.
- Nelson, Michael.** (2017). Left ventricular diastolic dysfunction in women with non-obstructive ischemic heart disease: Insights from magnetic resonance imaging and spectroscopy. *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology*.
- Nelson, Michael, et al. (2017). Assessing cardiac function during simulated activities of daily living: A magnetic resonance imaging study [Abstract]. *FASEB Journal*, 31(1 supplement).
- Nelson, Michael, et al. (2017). Burn-induced left ventricular remodeling and cardiac dysfunction in long-term burn survivors [Abstract]. *FASEB Journal*, 31(1 supplement).
- Nelson, Michael, et al. (2017). Development of a left ventricular diastolic stress test [Abstract]. *FASEB Journal*, 31(1 supplement).
- Nelson, Michael, et al. (2017). The effect of a high fat meal on cerebral vascular function [Abstract]. *TACSM*, 16–8.
- Nelson, Michael, et al. (2017). The effect of a high-fat meal on vascular stiffness in young healthy males [Abstract]. *FASEB Journal*, 31(1 supplement).
- Nelson, Michael, et al. (2017). Effect of age on skeletal muscle mitochondrial function: Insight from near-infrared spectroscopy [Poster abstract]. In the *Proceedings of the APS Mitochondrial Bioenergetics Conference, August 29, San Diego, CA*.
- Nelson, Michael, et al. (2017). Implications of sex hormones in cardiometabolic diseases. *Nature Reviews Endocrinology*, 13(6), 352–64.
- Nelson, Michael, et al. (2017). Measurement of skeletal muscle blood flow with near infrared diffuse correlation spectroscopy [Abstract]. *FASEB Journal*, 31(1 supplement).
- Nelson, Michael, et al. (2017). Mechanisms of the improvement in peak VO_2 with exercise training in heart failure with reduced or preserved ejection fraction. *Heart Lung and Circulation*.
- Nelson, Michael, et al. (2017). Myocardial tissue deformation is reduced in subjects with coronary microvascular dysfunction but not rescued by treatment with ranolazine. *Clinical Cardiology*, 40(5), 300–306.
- Nelson, Michael, et al. (2017). Phosphodiesterase type 5 inhibition may reduce diastolic function in women with ischemia but no obstructive coronary artery disease. *Journal of Medical Case Reports*, 11(1), 144.
- Nelson, Michael, et al. (2017). Relationship of cardiorespiratory fitness and adiposity with left ventricular strain in middle-age adults (from the Dallas heart study). *American Journal of Cardiology*.

Nelson, Michael, et al. (2017). Typical angina is associated with greater coronary endothelial dysfunction but not abnormal vasodilatory reserve. *Clinical Cardiology*, doi: 10.1002/clc.22740.

Trowbridge, Cindy, et al. (2017). Caregivers of youth athletes: Developing a theory-based health communication intervention for concussion education. *Journal of Applied Behavioral Research*, e12098, doi: 10.1111/jabr.12098.

Nursing

Jeanean Boyd, Chair, Undergraduate Nursing
John Gonzalez, Chair, Graduate Nursing

Anderson, Cheryl, et al. (2017). Implications of preterm birth for maternal mental health and infant development. *MCN, The American Journal for Maternal Child Nurses*, 42, 108–114.

Baker, Joy Don. (2017). *AORN journal editor podcast* 105(1), 1–132.

Baker, Joy Don. (2017). *AORN journal editor podcast* 105(3), 255–346.

Baker, Joy Don. (2017). *AORN journal editor podcast* 105(4), 347–438.

Baker, Joy Don. (2017). *AORN journal editor podcast* 105(5), 439–534.

Baker, Joy Don. (2017). *AORN journal editor podcast* 105(6), 535–644.

Baker, Joy Don. (2017). *AORN journal editor podcast* 106(1), 1–92.

Baker, Joy Don. (2017). *AORN journal editor podcast* 106(2), 93–186.

Baker, Joy Don. (2017). *AORN journal editor podcast* 106(4), 187–276.

Baker, Joy Don. (2017). *AORN journal editor podcast* 106(4), 277–360.

Baker, Joy Don. (2017). Nursing research, quality improvement, and evidence-based practice: The key to perioperative nursing practice. *AORN Journal*, 105(1), 3–5, <http://dx.doi.org/10.1016/j.aorn.2016.11.020>.

Baker, Joy Don. (2017). Presentation skills: A necessity for perioperative nurses. *AORN Journal*, 105(2), 136–140, <http://dx.doi.org/10.1016/j.aorn.2016.12.016>.

Baker, Joy Don. (2017). Succession planning: A perioperative imperative. *AORN Journal*, 105(6), 538–540, <http://dx.doi.org/10.1016/j.aorn.2017.04.016>.

Carter-Griffin, Monee. (2017). *Antibiotic rates, resistance, & stewardship: The role as the APRN*. Presentation at the National Nurse Practitioner Symposium, Keystone, CO; Texas Nurse Practitioner Association Annual Meeting, Austin, TX.

Cipher, Daisha, et al. (2017). A comparison of the rate of gastrointestinal bleeding in patients taking non-vitamin k antagonist oral anticoagulants (NOACs) or warfarin: A single center experience. *Journal of Gastroenterology*, 112, 734–739, doi:10.1038/a.

Cipher, Daisha, et al. (2017). Demographic and academic factors associated with enrollment in online msn programs. *Journal of Nursing Education*, 56(11), 670–674.

Cipher, Daisha, et al. (2017). Expanding capacity with an accelerated online BSN program. *Journal of Professional Nursing*, 33, 5–10, doi: [Http://dx.doi.org/10.1016/j.profnurs.2016.03.010](http://dx.doi.org/10.1016/j.profnurs.2016.03.010).

Cipher, Daisha, et al. (2017). Incidence of and predictors for early discontinuation of biological therapies in veteran patients with inflammatory bowel disease. *Inflammatory Bowel Diseases*, 23(8), 1434–1439, doi: 10.1097/MIB.0000000000001145.

Cipher, Daisha, et al. (2017). Patients with cirrhosis who have coronary artery disease treated with cardiac stents have high rates of gastrointestinal bleeding, but no increased mortality. *Alimentary Pharmacology and Therapeutics*, 46(2), 183–192, doi: 10.1111/apt.14121.

Cipher, Daisha, et al. (2017). Predictors of persistence and success in an accelerated online rn to bsn program. *Journal of Nursing Education*, 56(9), 522–526, doi:10.3928/01484834-2017081.

Cipher, Daisha, et al. (2017). *Statistics for nursing research: a workbook for evidence-based practice*. St. Louis: Elsevier.

- Courtney, Maureen, et al.** (2017). Interventions in the primary care setting aimed at improving the completion rate of advance directives. *American Research Journal of Nursing*, 3(1), 1-8.
- Daniel, Kathryn, et al.** (2017). Concurrent infusion of integrated behavioral health practice into social work field and classroom instruction. *Journal of Social Work Education*, 1-10.
- Daniel, Kathryn, et al. (2017). *Effect of exercise training on vascular function in cancer survivors: A meta-analysis*. Presented at the Sigma Theta Tau International's 28th International Nursing Research Congress, Dublin, Ireland.
- Daniel, Kathryn, et al. (2017). *Smartcare: An introduction*. Presented at PerHealth, March 13-17, Kona, HI.
- Dombrowsky, Thomas.** (2017). *Engagement with activity and functional status among older adults*. Poster presented at the Southern Nursing Research Society Conference, February 24, Dallas, TX;
- Dombrowsky, Thomas. (2017). Relationship between engagement and functional status among older adults. *Sage Open Medicine*, 5, 1-9, doi:10.1177/205031217727998.
- Dombrowsky, Thomas, et al. (2017). Preconceptions about the infection process among pre-nursing students. *American Journal of Infection Control*, 45(3), 330-332, doi:10.1016/j.ajic.2016.10.020.
- Gainer, Cheryl.** (2017). *Providing a gluten free diet*. Presentation at the United Methodist Camp & Retreat Ministries Biannual Conference, Palestine, TX.
- Gonzalez, John.** (2017). *My patient is bleeding: What should I Do?* Presentation at the Texas Nurse Practitioner Association Annual Meeting, Austin, TX.
- Gonzalez, John. (2017). *Primary care versus acute care nurse practitioner scope of practice: Does the difference matter*. Presented at the Texas Nurse Practitioner Association Annual Meeting, Austin, TX; VAPNA Annual Conference, McAllen, TX.
- Grove, Susan K., et al.** (2017). *Statistics for nursing research: a workbook for evidence-based practice*. St. Louis, MO: Elsevier.
- Grove, Susan K., et al. (2017). *Burns and Groves: the practice of nursing research: appraisal, synthesis, & generation of evidence*. St. Louis, MO: Elsevier.
- Hampton, Michelle.** (2017). Maintain optimal staffing with position control. *Nursing Management*, 48(1), 7-8.
- Hampton, Michelle, et al. (2017). Exploring acuity-adaptable care in a rural hospital. *Journal of Nursing Administration*, 47(11), 565-570, doi: 10.1097/NNA.000000000000544.
- Kim, Stone.** *Deeper diving into simulation data*. Simulation Professionals of Texas Mini-conference, July, Gainesville, TX.
- Leflore, Judy, et al.** (2017). Demographic and academic factors associated with enrollment in online msn programs. *Journal of Nursing Education*, 56(11), 670-674, doi: 10.3928/01484834-20171020-06.
- Leflore, Judy, et al. (2017). Interprofessional education: Graduate students perspectives. *Journal of Research in Interprofessional Practice and Education*, 7(1), doi: http://dx.doi.org/10.22230/jripe.2017v7n1a21.
- Mancini, Mary.** (2017). *Stories from the heart*. Invited plenary presentation at the International Meeting on Simulation in Healthcare, January 27-28, Orlando, FL.
- Mancini, Mary, et al. (2017). Demographic and academic factors associated with enrollment in online msn programs. *Journal of Nursing Education*, 56(11), 670-674, doi: 10.3928/01484834-20171020-06.
- Mancini, Mary, et al. (2017). Engagement and learning in simulation: Recommendations of the Simnovate global engaged learning domain group. *BMJ Simulation and Technology Enhanced Learning*, 3(Supplement 1), S23-32.
- Mancini, Mary, et al. (2017). International consensus on cardiopulmonary resuscitation and emergency cardiovascular care science with treatment recommendations summary. *Circulation*, 137(9), doi: 10.1161/CIR.000000000000541.

- Mancini, Mary, et al. (2017). Measuring nurse leaders and direct care nurses perceptions of a healthy work environment in acute care settings, part 3: Healthy work environment scales for nurse leaders and direct care nurses. *Journal of Nursing Administration*, 47(3), 140–146, doi: 10.1097/NNA.000000000000456.
- Mancini, Mary, et al. (2017). *Patient-centered simulation systems*. Invited panel presentation at the 2nd International Meeting on Simulation in Healthcare, International Research Summit: Beyond Our Boundaries, January 27–28, Orlando, FL.
- Oduniyi, Latoya.** (2017). *Oustanding Maverick Award 2016–2017 sponsored by The University of Texas at Arlington*.
- Opollo, Jackline.** (2017). *Texas Nurses Association (TNA) District 4 Nurse of the Year*.
- Pan, Zui,** et al. (2017). Selective inhibitory effects of zinc on cell proliferation in esophageal squamous cell carcinoma through orai1. *FASEB Journal*, 32(1), 404–416, doi: 10.1096/fj.201700227RRR.
- Pan, Zui, et al. (2017). Targeting calcium signaling in cancer therapy. *Acta Pharmaceutica Sinica B*, 7(1), 3–17, doi: 10.1016/j.apsb.2016.11.001.
- Pan, Zui, et al. (2017). Zinc transporters and dysregulated channels in cancers. *Frontiers in Bioscience*, 22, 623–643, doi:10.2741/4507.
- Petro-Nustas, Wasileh,** et al. (2017). The effect of education intervention on Jordanian participants colorectal knowledge, health perceptions, and screening practices. *Cancer Nursing*, doi: 10.1097/NC.000000000000480.
- Roberts, Christine.** (2017). *N3632 foundations nurse kit overview video* [Video].
- Roberts, Christine. (2017). *PICC line dressing change* [Video].
- Urban, Regina,** et al. (2017). *Developing modified early warning system scores from the 2010 national hospital ambulatory medical care survey*. Podium presentation at the Sigma Theta Tau 44th Biennial Convention, Indianapolis, IN.
- Washington, Sara.** (2017). *UTA CONHI 2016–2017 service award*.
- Washington, Sara. (2017). *UTA CONHI 2016–2017 scholarship award*.
- Xiao, Yan,** et al. (2017). Utilizing a human factors nursing worksystem improvement framework to increase nurses time at the bedside and enhance safety. *Journal of Nursing Administration*, 47(2), 94–100.

College of Science

Morteza G. Khaledi, Dean

Biology

Clay Clark, Chair

Christensen, Shawn, et al. (2017). Globular domain structure and function of restriction-like-endonuclease lines: Similarities to eukaryotic splicing factor prp. *Mobile DNA*. 2017; doi:10.1186/s13100-017-0097-9.

Fujita, Matthew, et al. (2017). Bayesian inference of species diffusion in the West African Agama agama species group (reptilia, agamidae). *Systematics and Biodiversity*, 15, 192–203.

Fujita, Matthew, et al. (2017). A new species of gonatodes (squamata: Sphaerodactylidae) from the western versant of the cordillera de mérida, Venezuela. *Zootaxa*, 4291(3), 549–562.

Grover, James, et al. (2017). Population persistence in flowing-water habitats: Conditions where flow-based management of harmful algal blooms works, and where it does not. *Ecological Engineering*, 99, 172–181.

Passy, Sophia. (2017). Framework for community functioning: Synthesis of stress gradient and resource partitioning concepts. *PeerJ*, 5, e3885, <https://doi.org/10.7717/peerj.3885>.

Passy, Sophia, et al. (2017). Environmental filtering and taxonomic relatedness underlie the species richness evenness relationship. *Hydrobiologia*, 787, 243–253.

Roner, Michael, et al. (2017). Group IVB metallocene polyesters containing camphoric acid and preliminary cancer cell activity. *International Journal of Polymeric Materials and Polymeric Biomaterials*, <http://dx.doi.org/10.1080/00914037.2017.1342254>.

Roner, Michael, et al. (2017). Polyesters from reaction of 3,5-pyridinedicarboxylic acid and Group V-containing dihalides and their preliminary and comparative ability to inhibit cancer cell growth. *International Journal of Applied Pharmaceutical and Biological Research*, 2(4), 1–17.

Roner, Michael, et al. (2017). Synthesis and characterization, including cancer cell line inhibition, of Group VA (group 15)-containing polyesters from reaction with camphoric acid. *Journal of Inorganic and Organometallic Polymers and Materials*, doi:10.1007/s10904-017-0622-9.

Roner, Michael, et al. (2017). Synthesis of metallocene poly(ether esters) from reaction of Ggroup IVB and VB metallocene dichlorides with glycyrrhetic acid. *Journal of Polymeric Materials*, 34(2), 435–454.

Roner, Michael, et al. (2017). Synthesis, structural characterization and initial anticancer activity of water soluble polyethers from hafnocene dichloride and poly(ethylene glycols). *Journal of the Chinese Advanced Materials Society*, 5(4), 254–268.

Schargel, Walter, et al. (2017). A new species of gonatodes (squamata: Sphaerodactylidae) from the western versant of the cordillera de merida, Venezuela. *Zootaxa*, 4291(3), 549–562.

Schargel, Walter, et al. (2017). A new species of gymnophthalmus (squamata: Gymnophthalmidae) from sand dunes of the Llanos of Apure, Venezuela. *Zootaxa*, 4318(3), 576–586.

Smith, Eric N. (2017). Endemic dragons of Sumatra's volcanoes: New species of dendragama (squamata: agamidae) and status of salea rosaceum thominot. *Herpetological Monographs*, doi: 10.1655/HERPMONOGRAPHS-D-16-00012.

Smith, Eric N. (2017). A new colour morph of Calliophis bibroni (Squamata: Elapidae) and evidence for Müllerian mimicry in Tropical Indian coral snakes. *Herpetology Notes*.

Smith, Eric N. (2017). A new genus and two new species of arboreal toads from the highlands of Sumatra with a phylogeny of Sundaland toad genera. *Herpetologica*, doi: 10.1655/Herpetologica-D-16-00041.

Smith, Eric N. (2017). A new species of Pseudocalotes (Squamata: Agamidae) from the Bukit Barisan Range of Sumatra with an estimation of its phylogeny. *Zootaxa*, doi: 10.11646/zootaxa.4276.2.4.

Smith, Eric N. (2017). A new species of Wolf Snake of the genus Lycodon H. Boie in Fitzinger (Squamata: Colubridae) from the Aceh Province of northern Sumatra, Indonesia. *Zootaxa*, doi: 10.11646/zootaxa.4276.4.6.

Walsh, Matthew. (2017). *Adaptation to resource availability in daphnia*. Presentation, by Michelle Packer, at Evolution 2017, Portland, OR.

Walsh, Matthew. (2017). *The evolution of eye size and eye size plasticity in daphnia*. Presentation, by Jared Goos, at Evolution 2017, Portland, OR.

Walsh, Matthew. (2017). *Rapid evolution mitigates the negative consequences of an invasive predator*. Presentation, by Mike Gillis, at Evolution 2017, Portland, OR.

Walsh, Matthew, et al. (2017). *The evolution of vertebrate eye size across an environmental gradient in Trinidadian killifish*. Presentation, by Shannon Beston, at Evolution 2017, Portland, OR.

Walsh, Matthew, et al. (2017). Increased predation on juveniles is not associated with evolutionary shifts in brain in Trinidadian killifish (rivulus hartii). *Ecology and Evolution*, 7, 884–894.

Walsh, Matthew, et al. (2017). Rapid evolution mitigates the ecological consequences of an invasive species (bythotrephes longimanus) in lakes in Wisconsin. In *Proceedings of the Royal Society B*, 284, 20170814.

Wilk, Matgorzata, et al. (2017). *Żyj w zgodzie ze swoimi hormonami. Funkcje. Dolegliwości. Naturalne leczenie*. Warszawa, Poland: SBM.

Chemistry and Biochemistry

Fred MacDonnell, Chair

Armstrong, Daniel W., et al. (2017). Cellular and cell-free studies of catalytic DNA cleavage by ruthenium polypyridyl complexes containing redox-active intercalating ligands. *Chemical Science*, doi: 10.1039/c6sc04094b.

Armstrong, Daniel W., et al. (2017). Chromatographic separation of racemic praziquantel and its residual determination in perch by LC-MS/MS. *Talanta*, doi: 10.1016/j.talanta.2017.05.026.

Armstrong, Daniel W., et al. (2017). D-amino acid levels in perfused mouse brain tissue and blood: A comparative study. *ACS Chemical Neuroscience*, doi: 10.1021/acschemneuro.6b00398.

Armstrong, Daniel W., et al. (2017). Determination of the interconversion energy barrier of three novel pentahelicene derivative enantiomers by dynamic high-resolution liquid chromatography. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, 1051, 60–67. DOI: 10.1016/j.jchromb.2016.12.025.

Armstrong, Daniel W., et al. (2017). Evaluation of nicotine in tobacco-free-nicotine commercial products. *Drug Testing and Analysis*, doi: 10.1002/dta.2145.

- Armstrong, Daniel W., et al. (2017). Examination of selectivities of thermally stable geminal dicationic ionic liquids by structural modification. *Chromatographia*, doi: 10.1007/s10337-017-3372-5.
- Armstrong, Daniel W., et al. (2017). Examination of the varied and changing ethanol content of commercial kombucha products. *Food Analytical Methods*, doi: 10.1007/s12161-017-0980-5.
- Armstrong, Daniel W., et al. (2017). Fundamental and practical insights on the packing of modern high-efficiency analytical and capillary columns. *Analytical Chemistry*, 89(16), 8177–8191, doi: 10.1021/acs.analchem.7b00931.
- Armstrong, Daniel W., et al. (2017). HPLC enantioseparation of novel spirobrassinin analogs on the cyclofructan chiral stationary phases. *Chromatographia*, doi: 10.1007/s10337-016-3212-z.
- Armstrong, Daniel W., et al. (2017). Liquid chromatographic enantioseparation of carbocyclic β -amino acids possessing limonene skeleton on macrocyclic glycopeptide-based chiral stationary phases. *Journal of Pharmaceutical and Biomedical Analysis*, doi: 10.1016.
- Armstrong, Daniel W., et al. (2017). Quinine bonded to superficially porous particles for high-efficiency and ultrafast liquid and supercritical fluid chromatography. *Analytica Chimica Acta*, doi: 10.1016/j.aca.2017.02.005.
- Armstrong, Daniel W., et al. (2017). Separation of peptides on superficially porous particle based macrocyclic glycopeptide liquid chromatography stationary phases: Consideration of fast separations. *Analytical and Bioanalytical Chemistry*, 409(9), 2437–2447, doi: 10.1007/s00216-017-0190-4.
- Armstrong, Daniel W., et al. (2017). Total peak shape analysis: Detection and quantitation of concurrent fronting, tailing, and their effect on asymmetry measurements. *Journal of Chromatography A*, doi: 10.1016/j.chroma.2017.06.031.
- Armstrong, Daniel W., et al. (2017). Ultrafast chiral chromatography as the second dimension in two-dimensional liquid chromatography experiments. *Analytical Chemistry*, 89(6), 3545–3553.
- Armstrong, Daniel W., et al. (2017). Ultrafast chiral separations for high throughput enantiopurity analysis. *Chemical Communications*, 53(3), 509–512, doi: 10.1039/C6CC08512A.
- Bugarin Cervantes, Alejandro.** (2017). π -Conjugated Triazenes: Intermediates that undergo oxidation and substitution reactions. *Journal of Organic Chemistry*, doi: 10.1021/acs.joc.6b02705.
- Bugarin Cervantes, Alejandro, et al. (2017). Conjugated triazenes: Intermediates that undergo oxidations and substitution reactions. *Journal of Organic Chemistry*, 82, 1499–1506.
- Bugarin Cervantes, Alejandro, et al. (2017). Non-symmetrically p-nitrobenzyl- and p-cyanobenzyl-substituted n-heterocyclic carbene-silver(i) complexes: Synthesis, characterization and antibacterial studies. *Journal of Coordination Chemistry*, 70, 600–614, <https://doi.org/10.1080/00958972.2016.1276574>.
- Bugarin Cervantes, Alejandro, et al. (2017). A practical mediated, NaOCl-mediated, to prepare thiabendazoles via intramolecular amination. *Reaction Tetrahedron Letters*, 58, 3474–3477.
- Carlton, Doug,** et al. (2017). Characterization of methane plumes downwind of natural gas compressor stations in Pennsylvania and New York. *Science of Total Environments*, 580, 1214–1221.
- Carlton, Doug, et al. (2017). A reconnaissance analysis of groundwater quality in the Eagle Ford shale region reveals two distinct bromide/chloride populations. *Science of Total Environments*, 575, 672–680.
- Chowdhury, Saiful,** et al. (2017). Globular domain structure of the site-specific line r2bm: Sequence and structure-function similarities to the eukaryotic splicing factor. *PRP8-Published Mobile DNA*.
- Chowdhury, Saiful, et al. (2017). High confidence identification of crosslinked peptides using a dual cleavable crosslinker with enrichment functionality. Poster abstract for ASMS conference, June 4–8, Indianapolis, IN.

- Chowdhury, Saiful, et al. (2017). Identification and selective enrichment of functional arginine residues using bio-orthogonal click chemistry and mass spectrometry. Poster abstract for ASMS conference, June 4–8, Indianapolis, IN.
- Chowdhury, Saiful, et al. (2017). Identifying toll-like receptor 2 protein interaction partners using quantitative proteomics. Poster abstract for ASMS conference, June 4–8, Indianapolis, IN.
- Chowdhury, Saiful, et al. (2017). Strategies for enriching and identifying the farnesyl peptide from complex sample using mass spectrometry. Poster abstract for ASMS conference, June 4–8, Indianapolis, IN.
- Dasgupta, Purnendu**, et al. (2017). Matrix isolation with an ion transfer device for interference-free simultaneous spectrophotometric determinations of hexavalent and trivalent chromium in a flow-based system. *Talanta*, 164, 145–150, doi:10.1016/j.talanta.2016.08.
- Dasgupta, Purnendu, et al. (2017). Width based characterization of chromatographic peaks: Beyond height and area. *Analytical Chemistry*, 89, doi:10.1021/acs.analchem.6b04858.
- Dasgupta, Purnendu, et al. (2017). Width based quantitation of chromatographic peaks: Principles and principal characteristics. *Analytical Chemistry*, 89, doi:10.1021/acs.analchem.6b04857.
- Jeon, Junha**, et al. (2017). Enhanced thermophysical properties via PAO superstructure. *Nanoscale research letters*, 12, 1.
- Johnson-Winters, Kayunta**, et al. (2017). Effects of isoleucine 135 side chain length on the cofactor donor-acceptor distance within F420H2:NDAP+ oxidoreductase: A kinetic analysis. *Biochemistry and Biophysics Reports*, 9, 114–119.
- Kroll, Peter**, et al. (2017). Determination of the interconversion energy barrier of three novel pentahelicene derivative enantiomers by dynamic high-resolution liquid chromatography. *Journal of Chromatography B*, 1051, 60–67.
- Kroll, Peter, et al. (2017). First principles modeling and simulation of Zr-Si-B-C-N ceramics: Developing hard and oxidation resistant coatings. *Acta Materialia*, 125, 246–254.
- Kroll, Peter, et al. (2017). Resolution of isomeric new designer stimulants using gas chromatography vacuum ultraviolet spectroscopy and theoretical computations. *Analytica Chimica Acta*, 971, 55–67.
- Mandal, Subhrangsu** (Ed.). (2017). *Epigenetics, chromatin dynamics and hormone signaling*. Wiley-VCH.
- Mandal, Subhrangsu, et al. (2017). Endocrine disruptors: Mechanism of action and impacts on health and environment. In Subhrangsu S. Mandal (Ed.), *Gene Regulation, Epigenetics and Hormone Signaling* (pp. 607–639). Wiley-VCH.
- Mandal, Subhrangsu, et al. (2017). Epigenetic code: Histone modification, gene regulation and chromatin dynamics. In Subhrangsu S. Mandal (Ed.), *Gene Regulation, Epigenetics and Hormone Signaling* (pp. 29–59). Wiley-VCH.
- Mandal, Subhrangsu, et al. (2017). Long non-coding RNA (lncRNA): Functions in health and disease. In Subhrangsu S. Mandal (Ed.), *Gene Regulation, Epigenetics and Hormone Signaling* (pp. 169–208). Wiley-VCH.
- Mandal, Subhrangsu, et al. (2017). Nuclear receptors and NR-coregulators: Mechanism of action and cell signaling. In Subhrangsu S. Mandal (Ed.), *Gene Regulation, Epigenetics and Hormone Signaling* (pp. P289–327). Wiley-VCH.
- Mandal, Subhrangsu, et al. (2017). The short and medium stories of non-coding RNAs: MicroRNA and siRNA. In Subhrangsu S. Mandal (Ed.), *Gene Regulation, Epigenetics and Hormone Signaling* (pp. 137–168). Wiley-VCH.
- Mandal, Subhrangsu, et al. (2017). Total synthesis and cytotoxicity of leucetta alkaloids. *Bioorganic and Medicinal Chemistry*, 25(5), 1608–1621.
- Pierce, Brad**, et al. (2017). Cloning, purification and structural characterization of *Crocodylus siamensis* ovotransferrin for insight into functions of iron binding and autocleavage. *Comparative Biochemistry and Physiology—Part B: Biochemistry & Molecular Biology*, 212, 59–69. doi: 10.1016/j.cbpb.2017.06.006.

- Rajeshwar, Krishnan**, et al. (2017). Bandgap-engineered quaternary $MxBi_{2-x}Ti_2O_7$ (M: Fe, Mn) semiconductor nanoparticles: Solution combustion synthesis, characterization, and photocatalysis. *Applied Catalysis B: Environmental*, 208, 148-160.
- Rajeshwar, Krishnan, et al. (2017). Solution combustion synthesis, characterization, and photocatalytic activity of $CuBi_2O_4$ and its nanocomposites with CuO and $\alpha-Bi_2O_3$. *Journal of Physical Chemistry C*, 121, 8252-8261.
- Rajeshwar, Krishnan, et al. (2017). Enhanced photoelectrochemical performance of cuprous oxide/graphene nanohybrids. *Journal of the American Chemical Society*, 139, 6682-6692.
- Rajeshwar, Krishnan, et al. (2017). Auger electron emission initiated by the creation of valence-band holes in graphene by positron annihilation. *Nature Communications*, doi: 10.1038/ncomms16116.
- Rajeshwar, Krishnan, et al. (2017). Composite copper oxide-copper bromide films for the selective electroreduction of carbon dioxide. *Journal of Materials Research*, 32, 1727-1734.
- Rajeshwar, Krishnan, et al. (2017). Continuous-flow electroreduction of carbon dioxide. *Progress in Energy and Combustion Science*, 62, 133-154.
- Schug, Kevin**, et al. (2017). Analysis of terpenes and turpentine using gas chromatography with vacuum ultraviolet detection. *Journal of Separation Science*, 40, 869-877.
- Schug, Kevin, et al. (2017). Characterization of methane plumes downwind of natural gas compressor stations in Pennsylvania and New York. *Science of the Total Environment*, 580, 1214-1221.
- Schug, Kevin, et al. (2017). Pseudo-absolute quantitative analysis using gas chromatography—vacuum ultraviolet spectroscopy—a tutorial. *Analytica Chimica Acta*, 953, 10-22.
- Schug, Kevin, et al. (2017). Recent advances and applications of gas chromatography vacuum ultraviolet spectroscopy. *Journal of Separation Science*, 40, 138-151.
- Schug, Kevin, et al. (2017). *Advances in chemical pollution, environmental management and protection*. Cambridge, MA: Academic Press.
- Schug, Kevin, et al. (Eds.). (2017). *Environmental issues concerning hydraulic fracturing*. Cambridge, MA: Academic Press.
- Schug, Kevin, et al. (2017). A reconnaissance analysis of groundwater quality in the Eagle Ford shale region reveals two distinct bromide/chloride populations. *Science of the Total Environment*, 575, 672-680.

Earth and Environmental Sciences

Arne Winguth, Chair

- Basu, Asish**, et al. (2017). In situ peridotitic diamond in Indus Ophiolite sourced from hydrocarbon fluids in mantle transition zone. *Geology* 45(8), 755-758.
- Fan, Majie**, et al. (2017). Late Paleozoic subsidence and burial history of the Fort Worth basin. *AAPG Bulletin*, doi: 10.1306/01251716016.
- Fan, Majie, et al. (2017). Middle Eocene paleohydrology of the Dongying Depression in eastern China from sedimentological and geochemical signatures of lacustrine mudstone. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 479, 16-33.
- Fan, Majie, et al. (2017). Prolonged high relief in the northern Cordilleran orogenic front during middle and late Eocene extension based on stable isotope paleoaltimetry. *Earth and Planetary Science Letters*, 457, 376-384.
- Griffith, William**, et al. (2017). Microscopic evolution of laboratory volcanic hybrid earthquakes. *Scientific Reports*, 7, 40560.
- Hu, Qinhong**, et al. (2017). Applying molecular and nanoparticle tracers to study wettability and connectivity of Longmaxi formation in southern China. *Journal of Nanoscience and Nanotechnology*, 17, 6284-6295.

- Hu, Qinhong, et al. (2017). Applying sans technique to characterize nano-scale pore structure of Longmaxi shale, Sichuan basin (China). *Fuel*, 197, 91–99.
- Hu, Qinhong, et al. (2017). Experimental investigations on the geometry and connectivity of pore spaces in organic-rich Wufeng and Longmaxi shales. *Marine and Petroleum Geology*, 84, 225–242.
- Hu, Qinhong, et al. (2017). Geochemical characteristics and origin of natural gas from Wufeng-Longmaxi shales of Fuling gas field, Sichuan basin (China). *International Journal of Coal Geology*, 171, 1–11.
- Hu, Qinhong, et al. (2017). Geological controls and methane sorption capacity for marine shales of Fuling shale gas field in eastern Sichuan basin, China. *Petroleum Geoscience*, doi: 10.1144/petgeo2016-064.
- Hu, Qinhong, et al. (2017). Lead adsorption by biochar under the elevated competition of cadmium and aluminum. *Scientific Reports*, 7, 2264, doi:10.1038/s41598-017-02353-4.
- Hu, Qinhong, et al. (2017). Mineral types and organic matters of the Ordovician-Silurian Wufeng and Longmaxi Shale in the Sichuan basin, China: Implications for pore systems, diagenetic pathways, and reservoir quality in fine-grained sedimentary rocks. *Marine and Petroleum Geology*, 86, 655–674.
- Hu, Qinhong, et al. (2017). Nuclear magnetic resonance t2 spectrum: Multi-fractal characteristics and pore structure evaluation. *Applied Geophysics*, 14(2), 205–215.
- Hu, Qinhong, et al. (2017). Pore characteristics of Longmaxi shale gas reservoir in the northwest of Guizhou, China: Investigations using small-angle neutron scattering (sans), helium pycnometry, and gas sorption isotherm. *International Journal of Coal Geology*, 171, 61–68.
- Hu, Qinhong, et al. (2017). Pore connectivity and tracer migration of typical shales in south China. *Fuel*, 203, 32–46.
- Hu, Qinhong, et al. (2017). Spontaneous imbibition of three leading shale formations in the middle Yangtze platform, south China. *Energy & Fuels*, 31, 6903–6916.
- Loocke, Matthew**, et al. (2017). Paradoxical co-existing base metal sulphides in the mantle: The multi-event record preserved in Loch Roag peridotite xenoliths North Atlantic craton. *Lithos*, 276, 103–121.
- Nestell, Merlynd**, et al. (2017). Biostratigraphy of the Pennsylvanian-Permian boundary interval of the Riepe Spring limestone, North Spruce Mountain Ridge: Further evidence for late Paleozoic glacioeustatic fluctuations [Poster abstract]. In *Geologic Problem Solving with Microfossils IV, North American Micropaleontological Society, Houston, TX*, 131–132.
- Nestell, Merlynd, et al. (2017). Early Cenomanian agglutinated foraminifers of the Grayson formation (upper cretaceous) from north central Texas, USA [Poster abstract]. In *Geologic Problem Solving with Microfossils IV, North American Micropaleontological Society, Houston, TX*, 155–156.
- Nestell, Merlynd, et al. (2017). An evolutionary model for the Neoproterozoic (Ediacaran)—Phanerozoic Biosphere: Part one: Concepts and exploitation of aquatic environments. *Open Journal of Geology*, 7, 1386–1403.
- Nestell, Merlynd, et al. (2017). An evolutionary model for the Neoproterozoic (Ediacaran)—Phanerozoic Biosphere: Part two: Exploitation of terrestrial environments. *Open Journal of Geology*, 7, 1654–1669.
- Nestell, Merlynd, et al. (2017). Identifying globally synchronous Permian-Triassic boundary levels in successions in China and Vietnam using graphic correlation. *Palaogeography, Palaeoclimatology, Palaeoecology*, 485, 561–571, <http://dx.doi.org/10.1016/j.palaeo>.
- Nestell, Merlynd, et al. (2017). In memory of Bruce Wardlaw. *Pander Society Newsletter*, 49, 6–10.
- Nestell, Merlynd, et al. (2017). Late Albian (Early Cretaceous) foraminifers from the Pawpaw Formation of Fort Worth area, north central Texas, USA [Poster abstract]. In *Geologic Problem Solving with Microfossils IV, North American Micropaleontological Society, Houston, TX*, 144–145.

- Nestell, Merlynd, et al. (2017). Microfaunal biostratigraphy of the Guadalupian (Middle Permian) in the Delaware Basin region, West Texas and New Mexico, USA [Poster abstract]. In *Geologic Problem Solving with Microfossils IV, North American Micropaleontological Society, Houston, TX*, 131–132.
- Nestell, Merlynd, et al. (2017). A Middle Permian (Guadalupian) global event: Complex characteristics and correlation potential (South Primorye). In *Materials of the LXIII session of the Paleontological Society of the Russian Academy of Sciences, Saint Petersburg, Russia* (pp. 80–81).
- Nestell, Merlynd, et al. (2017). Sakmarian (Early Permian) sulcus-bearing sweetognathid conodonts from Nevada: Early experimentation and novel carinal configurations [Poster abstract]. In *Proceedings of the Geological Society of America, North-Central Meeting, Pittsburgh, PA*, 49(2), doi: 10.1130/abs/2017NE-290430.
- Nestell, Merlynd, et al. (2017). Species of Hollinella (Palaeocopida, Ostracoda, Crustacea) as stratigraphic indices of the Late Permian–Early Triassic post-extinction interval. *Journal of Systematic Palaeontology*, 1–12, doi: 10.1080/14772019.2017.128364.
- Winguth, Cornelia**, et al. (2017). Eocene hyperthermal climate sensitivity to greenhouse gas and aerosol forcing. In *Proceedings of the AGU Fall Meeting, December 11–15, New Orleans, LA*.
- Winguth, Cornelia, et al. (2017). Eocene hyperthermals a model study with CESM1.2. In *Proceedings of the 22nd Annual CESM Workshop, Boulder, CO, June 19–22*.
- Winguth, Cornelia, et al. (2017). Global climate change driven by biophysical feedbacks related to clouds at the PTB. In *Proceedings of the IGCP 630 Meeting in Sendai, June 14–20, Japan, Tohoku University*.
- Winguth, Cornelia, et al. (2017). Release of marine dimethyl sulfide into the atmosphere in CO₂-forced climates. In *Proceedings of the 22nd Annual CESM Workshop, Boulder, CO, June 19–22*.
- ## Mathematics
- ### Jianzhong Su, Chair
-
- Alvarez, James**. (2017). Texas section of the Mathematical Association of America distinguished service award.
- Chen, Benito**, et al. (2017). Effects of the obesity on optimal control schedules of chemotherapy on a cancerous tumor. *Journal of Computational and Applied Mathematics*, 309, 603–610, doi:j.cam.2016.05.010.
- Grantcharov, Dimitar**, et al. (2017). A categorification of $q(2)$ -crystals. *Algebr. Represent. Theory*, 20, 469–486.
- Grantcharov, Dimitar, et al. (2017). New singular Gelfand-Tsetlin $gl(n)$ -modules of index 2. *Communications in Mathematical Physics*, 355, 1209–1241.
- Grantcharov, Dimitar, et al. (2017). Quantization and injective submodules of differential operator modules. *Advances in Mathematics*, 316, 216–254.
- Kojouharov, Hristo**. (2017). A class of nonstandard finite difference methods for autonomous dynamical systems. Presented at the Joint Mathematics Meetings, Atlanta, GA.
- Kojouharov, Hristo. (2017). Modeling the effects of the immune system on bone fracture healing. Presented at the AMiTaNS 2017—International Conference on Application of Mathematics in Technical and Natural Sciences, Albena, Bulgaria.
- Kojouharov, Hristo. (2017). Nonstandard finite difference methods for dynamical systems in biology. Presented at the Department of Mathematics Colloquium, University of Louisiana at Lafayette, Lafayette, LA.
- Kojouharov, Hristo, et al. (2017). Modeling the effects of inflammation in bone fracture healing. In *AIP Conference Proceedings*, 1895, 020005, <http://dx.doi.org/10.1063/1.5007359>.
- Kojouharov, Hristo, et al. (2017). Universal approaches to approximate biological systems with nonstandard finite difference methods. *Mathematics and Computers in Simulation*, 133, 337–350, <http://dx.doi.org/10.1016/j.matcom.2016.04.007>.

- Korzeniowski, Andrzej**, et al. (2017). Reliability of a clustered-task server under modulated correlation. *International Journal of Statistics and Probability*, 6, 93–105.
- Kribs, Christopher**, et al. (2017). A comparison of methods for calculating the basic reproductive number for periodic epidemic systems. *Bulletin of Mathematical Biology*, doi 10.1007/s11538-017-0309-y.
- Kribs, Christopher, et al. (2017). Why do students quit high school implications from a dynamical modelling study. In *Proceedings of the Royal Society, Series A*, 473, 20160204, <http://dx.doi.org/10.1098/rspa.2016.0204>.
- Li, Ren-Cang**, et al. (2017). A symmetric structure-preserving qr algorithm for linear response eigenvalue problems. *Linear Algebra and Its Applications*, 520(1), 191–214.
- Liu, Chaqun**, et al. (2017). *High order large eddy simulation for shock-boundary layer interaction control by a micro-ramp vortex generator*. Sharjah, United Arab Emirates: Bentham Science.
- Pal, Suvra**. (2017). *Destructive COM-Poisson cure rate model and associated likelihood inference*. Presentation at the 10th International Conference on Mathematical Methods in Reliability, July 3–6, Grenoble, France.
- Pal, Suvra. (2017). *Destructive cure rate model and associated inference*. Presentation at the International Indian Statistical Association Conference, December 28–30, Hyderabad, India.
- Pal, Suvra. (2017). *EM-based likelihood inference for destructive COM-Poisson regression cure rate model with Weibull lifetime*. Presentation at the Conference of Texas Statisticians, Southern Methodist University, March 24–25, Dallas, TX.
- Pal, Suvra. (2017). *Inference for COM-Poisson cure rate model with interval censored data*. Presentation at the Joint Statistical Meeting, July 29–August 3, Baltimore, MD.
- Pal, Suvra, et al. (2017). An EM algorithm for the destructive COM-Poisson regression cure rate model. *Metrika*, doi: 10.1007/s00184-017-0638-8.
- Pal, Suvra, et al. (2017). An EM type estimation procedure for the destructive exponentially weighted Poisson regression cure model under generalized gamma lifetime. *Journal of Statistical Computation and Simulation*, 87, 1107–1129.
- Pal, Suvra, et al. (2017). Expectation maximization algorithm for box-cox transformation cure rate model and assessment of model mis-specification under Weibull lifetimes. *IEEE Journal of Biomedical and Health Informatics*, doi: 10.1109/JBHI.2017.2704920.
- Pal, Suvra, et al. (2017). Gamma lifetimes and associated inference for interval censored cure rate model with COM-Poisson competing cause. *Communications in Statistics—Theory and Methods*, doi:10.1080/03610926.2017.1321769.
- Pal, Suvra, et al. (2017). Impact of heat on metabolic and hemodynamic changes in transcranial infrared laser stimulation measured by broadband near-infrared spectroscopy. *Neurophotonics*, doi: 10.1117/1.NPh.5.1.011004.
- Pal, Suvra, et al. (2017). Likelihood inference for COM-Poisson cure rate model with interval-censored data and Weibull lifetimes. *Statistical Methods in Medical Research*, 26, 2093–2113.
- Pal, Suvra, et al. (2017). Likelihood inference for the destructive exponentially weighted Poisson cure rate model with Weibull lifetime and an application to melanoma data. *Computational Statistics*, 32, 429–449.
- Rhoads, Kathryn**, et al. (2017). Data modelling using finite differences. *The Mathematics Teacher*, 110, 709–713.
- Vancliff, Michaela**, et al. (2017). A generalization of the matrix transpose map and its relationship to the twist of the polynomial ring by an automorphism. *Involve*, 10(1), 43–50.
- Wang, Li**, et al. (2017). Latent smooth skeleton embedding. In *Proceedings of the 26th AAAI Conference on Artificial Intelligence*.

Physics

Alex Weiss, Chair

- Brandt, Andrew G., et al. (2017). Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data. *European Physical Journal C*, doi: 10.1140/epjc/s10052-017-4756-2.
- Brandt, Andrew G., et al. (2017). High-ET isolated-photon plus jets production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. *Nuclear Physics B*, doi: 10.1016/j.nuclphysb.2017.03.006.
- Brandt, Andrew G., et al. (2017). A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 pp-collision data with the ATLAS detector. *European Physical Journal C*, 77, 26, <https://doi.org/10.1140/epjc/s10052-016-4580-0>.
- Brandt, Andrew G., et al. (2017). Measurement of charged-particle distributions sensitive to the underlying event in $\sqrt{s}=13$ TeV proton-proton collisions with the ATLAS detector at the LHC. *Journal of High Energy Physics*, doi: 10.1007/JHEP03(2017)157.
- Brandt, Andrew G., et al. (2017). Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. *European Physical Journal C*, 77, 220, <https://doi.org/10.1140/epjc/s10052-017-4766-0>.
- Brandt, Andrew G., et al. (2017). Measurement of the prompt J/ψ pair production cross-section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. *European Physical Journal C*, 77, 76, <https://doi.org/10.1140/epjc/s10052-017-4644-9>.
- Brandt, Andrew G., et al. (2017). Measurement of the ZZ production cross section in proton-proton collisions at $\sqrt{s}=8$ TeV using the ZZ $\rightarrow l-l+l'-l'+$ and ZZ $\rightarrow l-l+\nu\nu^-$ decay channels with the ATLAS detector. *Journal of High Energy Physics*, doi: 10.1007/JHEP01(2017)099.

- Brandt, Andrew G., et al. (2017). Measurement of the $t\bar{t}$ production cross section in the τ +jets final state in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. *Physical Review D*, doi: 10.1103/PhysRevD.95.072003.
- Brandt, Andrew G., et al. (2017). Measurement of the inclusive cross-sections of single top-quark and top-antiquark t-channel production in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. *Journal of High Energy Physics*, doi: 10.1007/JHEP04(2017)086.
- Brandt, Andrew G., et al. (2017). Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s}=8$ TeV in the lepton + jets channel with ATLAS. *European Physical Journal C*, 77, 264, <https://doi.org/10.1140/epjc/s10052-017-4819-4>.
- Brandt, Andrew G., et al. (2017). Measurement of W boson angular distributions in events with high transverse momentum jets at $\sqrt{s}=8$ TeV using the ATLAS detector. *Physics Letters B*, 765, 132-153, <https://doi.org/10.1016/j.physletb.2016.12.005>.
- Brandt, Andrew G., et al. (2017). Measurements of charge and CP asymmetries in b-hadron decays using top-quark events collected by the ATLAS detector in pp collisions at $\sqrt{s}=\sqrt{8}$ TeV. *Journal of High Energy Physics*, doi: 10.1007/JHEP02(2017)071.
- Brandt, Andrew G., et al. (2017). Measurements of top quark spin observables in $t\bar{t}$ events using dilepton final states in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector. *Journal of High Energy Physics*, doi: 10.1007/JHEP03(2017)113.
- Brandt, Andrew G., et al. (2017). Measurements of top-quark pair differential cross-sections in the $e\mu$ channel in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector. *European Physical Journal C*, 77, 292, <https://doi.org/10.1140/epjc/s10052-017-4821-x>.
- Brandt, Andrew G., et al. (2017). Measurements of top-quark pair to Z-boson cross-section ratios at $\sqrt{s}=13, 8, 7$ TeV with the ATLAS detector. *Journal of High Energy Physics*, doi: 10.1007/JHEP02(2017)117.

- Brandt, Andrew G., et al. (2017). Measurements of $\psi(2S)$ and $X(3872) \rightarrow J/\psi\pi + \pi^-$ production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. *Journal of High Energy Physics*, doi: 10.1007/JHEP01(2017)117.
- Brandt, Andrew G., et al. (2017). Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s} = 8$ TeV proton-proton collisions in the ATLAS detector. *European Physical Journal C*, 77, 241, <https://doi.org/10.1140/epjc/s10052-017-4780-2>.
- Brandt, Andrew G., et al. (2017). Performance of the ATLAS trigger system in 2015. *European Physical Journal C*, doi: 10.1140/epjc/s10052-017-4852-3.
- Brandt, Andrew G., et al. (2017). Probing the W tb vertex structure in t-channel single-top-quark production and decay in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. *Journal of High Energy Physics*, doi: 10.1007/JHEP04(2017)124.
- Brandt, Andrew G., et al. (2017). Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC. *European Physical Journal C*, doi: 10.1140/epjc/s10052-017-4887-5.
- Brandt, Andrew G., et al. (2017). Search for dark matter in association with a Higgs boson decaying to b-quarks in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. *Physics Letters B*, 765, 11–31, <https://doi.org/10.1016/j.physletb.2016.11.035>.
- Brandt, Andrew G., et al. (2017). Search for heavy resonances decaying to a Z boson and a photon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. *Physics Letters B*, 764, 11–30, <https://doi.org/10.1016/j.physletb.2016.11.005>.
- Brandt, Andrew G., et al. (2017). Search for lepton-flavour-violating decays of the Higgs and Z bosons with the ATLAS detector. *European Physical Journal C*, doi: 10.1140/epjc/s10052-017-4624-0.
- Brandt, Andrew G., et al. (2017). Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. *European Physical Journal C*, 77(3), a144.
- Brandt, Andrew G., et al. (2017). Search for new resonances decaying to a W or Z boson and a Higgs boson in the $l+l-bb^-$, $l\nu bb^-$, and $\nu\nu^-bb^-$ channels with pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. *Physics Letters B*, 75, 32–52, <https://doi.org/10.1016/j.physletb.2016.11.045>.
- Brandt, Andrew G., et al. (2017). Search for triboson $W_{\pm}W_{\pm}W_{\mp}$ production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. *European Physical Journal C*, doi: 10.1140/epjc/s10052-017-4692-1.
- Deng, Yue**, et al. (2017). Comparisons of joule 1 rocket wind observations with GITM simulations. *Science China*, doi:10.1007/s11431-016-0471-8.
- Deng, Yue, et al. (2017). Dependence of Pedersen conductance in the e and f regions and their ratio on the solar and geomagnetic activities. *Space Weather*, doi:10.1002/2016SW001486.
- Deng, Yue, et al. (2017). Extraction of the geomagnetic activity effect from TEC data: A comparison between the spectral whitening method and the 28-day running mean. *Journal of Geophysical Research*, 122, doi:10.1002/2016JA023412.
- Deng, Yue, et al. (2017). Impact of the vertical dynamics on the thermosphere at low and middle latitudes: GITM simulations. *Journal of Geophysical Research*, 122, doi:10.1002/2017JA023939.
- Deng, Yue, et al. (2017). Study on the relationship between the residual 27-day quasi-periodicity and ionospheric q-disturbances. *Journal of Geophysical Research*, 122, doi:10.1002/2016JA023195.
- Jin, Mingwu**, et al. (2017). 4d low-dose CBCT using a moving-blocker. In *Proceedings of the 59th AAPM Annual Meeting, TH-AB-601-1, Denver, CO*.
- Jin, Mingwu, et al. (2017). Fast alternating projection methods for constrained tomographic reconstruction. *PLoS ONE* 12(3), e0172938. <https://doi.org/10.1371/journal.pone.0172938>.

- Jin, Mingwu, et al. (2017). Moving-blocker based 4d cone-beam computed tomography: A phantom study. In *Proceedings of the 6th International Workshop on Computational Human Phantom, Annapolis, MD*.
- Jin, Mingwu, et al. (2017). Multi-view scatter correction for moving-blocker based CBCT. In *Proceedings of the 59th AAPM Annual Meeting, TH-AB-601-9, Denver, CO*.
- Jin, Mingwu, et al. (2017). Respiratory motion matched attenuation correction for dual gated cardiac SPECT. In *Proceedings of the 14th international Meeting on Fully Three-Dimensional Image Reconstruction in Radiology and Nuclear Medicine* (pp. 120-124), Xian, China.
- Liu, J. Ping**, et al. (2017). *Skyrmions: Topological structures, properties and applications*. Boca Raton, FL: CRC Press.
- Lopez, Ramon**. (2017). *Fellow of the American Association of Physics Teachers*.
- Lopez, Ramon. (2017). *University of Texas system board of regents' outstanding teaching award*.
- Musielak, Zdzislaw**, et al. (2017). *Three body dynamics and its applications to exoplanets*. Cham, Switzerland: Springer.
- Ngai, Joseph**, et al. (2017). Electrically coupling complex oxides to semiconductors: A route to novel material functionalities. *Journal of Materials Research*, 32, 249-259.
- Ngai, Joseph, et al. (2017). Structural and electrical properties of single crystalline srzro3 epitaxially grown on Ge(001). *Journal of Applied Physics*, 122, 084102.
- Ngai, Joseph, et al. (2017). An ultrathin single crystalline relaxor ferroelectric integrated on a high mobility semiconductor. *Nano Letters*, 17, 6248.
- Park, Sangwook**, et al. (2017). Observational for high neutronization in supernova remnants: Implications for type Ia supernova progenitors. *The Astrophysical Journal*, 843, 35.
- Park, Sangwook, et al. (2017). The origin of the iron-rich knot in Tycho's supernova remnant. *The Astrophysical Journal*, 834, 124.
- Park, Sangwook, et al. (2017). Spatial distribution of Mg-rich ejecta in LMC supernova remnant N49B. *The Astrophysical Journal*, 834, 189.
- Weiss, Alexander**, et al. (2017). Auger electron emission initiated by the creation of valence-band holes in graphene by positron annihilation. *Nature Communications*, 8, 16116, doi:10.1038/ncomms16116.

Psychology

Perry Fuchs, Chair

- Gatchel, Robert J.**, et al. (2017). Stress and musculoskeletal injury. In G.L. Cooper and J.C. Quick (Eds.), *Handbook of Stress and Health: A Guide to Research and Practice*. New York: Wiley-Blackwell.
- Gatchel, Robert J., et al. (2017). Biofeedback. In C. Llewellyn, S. Ayers, C. McManus, S. Newman, K. Petrie, T.A. Revenson and J. Weinman (Eds.), *Cambridge handbook of psychology, health and medicine, 3rd edition*. UK: Cambridge University Press.
- Gatchel, Robert J., et al. (2017). *Assessment of pain*. In M.E. Maruish (Ed.), *Handbook of psychological assessment in primary care settings, 2nd edition*. New York: Taylor & Francis.
- Gatchel, Robert J., et al. (2017). Centers of excellence in pain management: Past, present and future trends. *Practical Pain Management*, 17 (6), 22-29.
- Gatchel, Robert J. (2017). Gold medal award for life achievement in the application of psychology. *American Psychologist*, 72(5), 415-417, doi: 10.1037/amp0000175.
- Gatchel, Robert J., et al. (2017). The fear avoidance components scale (FACS): Responsiveness and functional restoration treatment outcomes in a chronic musculoskeletal pain (CMPD) population. *The Clinical Journal of Pain*, doi: 10.1097/AJP.0000000000000501.

- Gatchel, Robert J., et al. (2017). Role of ApoE-ε4 genotype in gait and balance in older adults: A pilot study. *Journal of Applied Biobehavioral Research*, 22(2), doi: 10.1111/jabr.12061.
- Gatchel, Robert J., et al. (2017). An overview of the patient-reported outcomes measurement information system (PROMIS) for assessing chronic low back pain patients. *Journal of Applied Biobehavioral Research*, 22(2), doi: 10.1111/jabr.12057.
- Gatchel, Robert J. (2017). Pain catastrophizing: An introduction and overview. *Journal of Applied Biobehavioral Research*, 22(1): 1-5, doi: 10.1111/jabr.12088.
- Gatchel, Robert J., et al. (2017). The chronic low back pain epidemic in older adults in America. *Journal of Pain & Relief*, 6: 228, doi: 10.4172/21670846.10000285.
- Gatchel, Robert J., et al. (2017). Visible/invisible traumas and chronic pain. *The Pain Practitioner*, 27(2): 18-21.
- Gatchel, Robert J., et al. (2017). Pharmacological treatment of depression in geriatric chronic pain patients: A biopsychosocial approach integrating functional restoration. *Expert Review of Clinical Pharmacology*, doi: 10.1080/17512433.2017.139602.
- Gatchel, Robert J., et al. (2017). Pain management and the elderly. *Practical Pain Management*, 17: 24-32.
- Gatchel, Robert J., et al. (2017). Does the length of disability between injury and functional restoration program entry affect treatment outcomes for patients with chronic disabling occupational musculoskeletal disorders? *Journal of Occupational Rehabilitation*, doi:10.1007/s10926-016-9691-9.
- Gatchel, Robert J., et al. (2017). Letter to the editor: Potential problems with systematic reviews and meta-analyses. *The Journal of Pain*, 18(2): 228-229, doi: <http://dx.doi.org/10.1016/j.jpain.2016.09.006>.
- Hass, Nicolette.** (2017). The field of industrial and organizational psychology: An early example of translational research. *Journal of Applied Biobehavioral Research*, 22(4), doi: 10.1111/jabr.12080.
- Kenworthy, Jared,** et al. (2018). *Health behavior change: theories, methods and interventions*. London, UK: Routledge.
- Levine, Daniel.** (2017). Modeling the instinctive-emotional-thoughtful mind. *Cognitive Systems Research*, 45, 82-94.
- Medeiros, Kelsey,** et al. (2017). Are ethics training programs improving a meta-analytic review of past and present ethics instruction in the sciences. *Ethics and Behavior*, 27(5), 351-384.
- Medeiros, Kelsey, et al. (2017). Validation and use of a predictive modeling tool: Employing scientific findings to improve responsible conduct of research education. *Accountability in Research*, 24(4), 195-210.
- Nagoshi, Craig,** et al. (2017). Beyond the binary: Exploring the role of ambiguity in biphobia and transphobia. *Journal of Bisexuality*, 17, 172-189.
- Nagoshi, Craig, et al. (2017). Feminist theoretical framework. In A. Wenzel (Ed.), *Encyclopedia of abnormal and clinical psychology, Vols. 1-7* (pp. 1467-1470). Thousand Oaks, CA: SAGE Publications.
- Nagoshi, Craig, et al. (2017). Gender dysphoria: Gender and sex differences. In A. Wenzel (Ed.), *Encyclopedia of abnormal and clinical psychology, Vols. 1-7* (p. 1532). Thousand Oaks, CA: SAGE Publications.
- Nagoshi, Craig, et al. (2017). Patterns of cyber-harassment and perpetration among college students in the United States: A test of routine activities theory. *International Journal of Cyber Criminology*, 11, 24-38.
- Perrotti LI.** (2017). Estrogen and progesterone receptor signaling and action. In S. S. Mandal (Ed.), *Gene regulation, epigenetics and hormone Signaling*. Wiley.

UTeach Arlington

Greg Hale, Director, Science Education and Career Center

Hale, Greg. (2017). Key k-12 stem collaborations at University of Texas at Arlington, Tarrant County math pathways project, Arlington, TX.

Hale, Greg, et al. (2017). *Impacts of the NSF Noyce program on preparing and retaining highly qualified teachers in high need schools*. Presented at the Noyce Summit of the National Science Foundation and American Association for the Advancement of Science, July 19, Washington, DC.

Hale, Greg, et al. (2017). *Research-based practices: Preparing and retaining stem teachers for the future through the NSF Noyce program*. Presented at the Noyce Summit of the National Science Foundation and American Association for the Advancement of Science, July 20, Washington, DC.

Hale, Greg, et al. (2017). Increasing physics teacher production by replicating the UTeach teacher preparation model and awarding Noyce scholarships. *Scientia in Education*, 8(Special Issue), 199–206.

Hale, Greg, et al. (2017). *Lessons from the first 100: How to build a successful stem teacher preparation program*. Presented at the International Meeting of the Association for Science Teacher Education, January, Des Moines, IA.

Hale, Greg, et al. (2017). *Southwest regional dialogue on stimulating research and innovation for pre-service education of stem teachers in high need schools* [Invited plenary panel]. Noyce Summit of the National Science Foundation and American Association for the Advancement of Science, Washington, DC.

School of Social Work

Scott Ryan, Dean

Adorno, Gail F, et al. (2017). Preparation for the end of life and life completion during late-stage lung cancer: An exploratory analysis. *Palliative and Supportive Care*, doi: 10.1017/S1478951516001012.

Adorno, Gail, et al. (2017). *Aging in low-density urban environments: Transport mobility as a social justice issue*. Poster presented at the 21st World Congress of Gerontology and Geriatrics, San Francisco, CA.

Baiden, Philip, et al. (2017). Diabetes and hypertension in Congolese church personnel: An emerging epidemic? *Journal of Community Health*, 42(3), 453–460.

Baiden, Philip, et al. (2017). Effect of social support and disclosure of child abuse on adult suicidal ideation: Findings from a population-based study. *The Primary Care Companion for CNS Disorders*, 19(6), e1–e8.

Baiden, Philip, et al. (2017). Examining the independent effect of social support on unmet mental healthcare needs among Canadians: Findings from a population-based study. *Social Indicators Research*, 130(3), 1229–1246.

Baiden, Philip, et al. (2017). The mediating effect of depressive symptoms on the relationship between bullying victimization and non-suicidal self-injury among adolescents. *Findings from community and inpatient mental health settings in Ontario, Canada*, 238–247.

Baiden, Philip, et al. (2017). Police charging decisions in child maltreatment investigations: Findings from the 2008 Ontario incidence study of reported child abuse and neglect. *Journal of Public Child Welfare*, 11(2), 211–230.

Baiden, Philip, et al. (2017). The role of adverse childhood experiences as determinants of non-suicidal self-injury among children and adolescents referred to community and inpatient mental health settings. *Child Abuse & Neglect*, 69, 163–176.

Bain, Anne E. (2017). *The equivalent treatment of African Americans in drug court: Improving graduation rates*. Presentation at the Council on Social Work Education, Dallas, TX.

Bain, Anne E. (2017). *Improving graduation rates in drug court: A qualitative study of participants' lived experiences*. Presentation at the Society for Social Work Research Conference, New Orleans, LA.

Bain, Anne E. (2017). *Neuro-feedback anger regulation: Findings from a pilot study and implications for social work*. Presentations at the Society for Social Work Research Conference, New Orleans, LA.

Bain, Anne E. (2017). A phenomenological and grounded theory study of women's experiences in drug court: Informing practice through a gendered lens. *Women and Criminal Justice*, doi: 10.1080/08974454.2016.1256255.

Bain, Anne E., et al. (2017). The impact of a death row exoneration testimonial on social work students: A teaching note. *Journal of Teaching in Social Work*, doi: 10.1080/08841233.2016.1269865.

Bain, Anne E., et al. (2017). A qualitative investigation into military veterans' experiences in a problem-solving court: Factors that impact graduation rates. *Social Work in Mental Health*, 15(5), 487–499.

- Bain, Anne E., et al. (2017). Strengthening advocacy coalitions: Lessons for structure, engagement, and effectiveness from an IPV coalition. *Journal of Social Service Research*, doi: 10.1080/01488376.2017.1289143.
- Basham, Randall.** (2017). *Data visualization in evaluating group level educational outcomes*. Presented at the National Social Science Association: Technology Conference, Las Vegas, NV.
- Basham, Randall, et al. (2017). Cyber-harassment: And routine activities. *International Journal of Cyber Criminology*.
- Black, Beverly M.** (2017). Responding to teen dating violence: Perspectives from mothers who have been abused and seeking services in domestic violence shelters. *Journal of Family Social Work*, doi: 10.1080/10522158.2017.1302380.
- Black, Beverly M., et al. (2017). Domestic violence shelters' efforts to prevent teen dating violence: A national survey. *Violence against Women*, doi: 10.1177/1077801216644073.
- Black, Beverly M., et al. (2017). Factors related to teenage dating violence prevention programming in schools. *Children and Schools*, 39(2), 99–107, doi: 10.1093/cs/cdx007.
- Black, Beverly M., et al. (2017). Graduating MSW students recommended interventions for teen dating violence: A descriptive analysis. *Advances in Social Work*.
- Bold, LaShaunn L.** (2017). 50K someday! [Poem]. In *The University of Iowa School of Social Work National Poetry Contest for Social Workers* [Chapbook].
- Bricout, John.** (2017). *NSF CHS Medium: Collaborative research: Social learning in mixed human-robot groups for people with disabilities. Sponsored by National Science Foundation* [Grant].
- Bricout, John. (2017). *Social assistive robotics for temporary respite care of adults with developmental disabilities sponsored by National Institute of Disability Independent Living and Rehabilitation Research, US Dept. of Education* [Grant].
- Bricout, John. (2017). *SSWR Fellow sponsored by Society for Social Work and Research*.
- Collins, Lester,** et al. (2017). *Expanding collaborative mental health practice: A response from faith-based leaders*. Paper presented at the SSWR Annual Conference, New Orleans, LA.
- Cronley, Courtney,** et al. (2017). *Actinide behavior in the integral fast reactor* [Technical report], doi: 10.2172/10117074.
- Cronley, Courtney, et al. (2017). Ageing in a low-density urban city: Transportation mobility as a social equity issue. *Ageing and Society*, 1–25, doi: 10.1017/S0144686X16000994.
- Cronley, Courtney, et al. (2017). Childhood maltreatment and child protective services involvement among the commercially sexually exploited: A comparison of women who enter as juveniles or as adults. *Journal of Child Sexual Abuse*, 26(3), 352–371, doi: 10.1080/10538712.2017.1282575.
- Cronley, Courtney, et al. (2017). Deep in the heart of Texas: A phenomenological exploration of unsheltered homelessness. *American Journal of Orthopsychiatry*, 85(4), 315–323, doi: 10.1037/ort000043.
- Cronley, Courtney, et al. (2017). Intentions to turnover: Testing the moderated effects of organizational culture, as mediated by job satisfaction, within the Salvation Army. *Leadership & Organization Development Journal*, 38(2), 194–209, doi: 10.1108/lodj-10-2015-0227.
- Cronley, Courtney, et al. (2017). *Leveraging collaborations to improve quality of life among transportation disadvantaged populations*. Poster presented at the Council on Social Work Education Annual Program Meeting, Dallas, TX.
- Cronley, Courtney, et al. (2017). *Life course theory to predict education among women involved in sex work*. Paper presented at the Council on Social Work Education Annual Program Meeting, Dallas, TX.
- Cronley, Courtney, et al. (2017). A multivariate analysis of writing skills in BSW case study papers. *Journal of Baccalaureate Social Work*, 22(1), 181–205, doi: 10.18084/1084-7219.22.1.181.

- Cronley, Courtney, et al. (2017). *Preparing doctoral students to confront the grand challenges: Strengthening statistical preparedness*. Paper presented at the Council on Social Work Education Annual Program Meeting, Dallas, TX.
- Cronley, Courtney, et al. (2017). Reproductive health rights and survival: The voices of mothers experiencing homelessness. *Women & Health*. Advanced online publication, doi: 10.1080/03630242.2017.1296060.
- Cronley, Courtney, et al. (2017). Student writing processes and tasks in the discipline of social work: Measuring the convergence of perspectives between students and instructors. *Writing across the Disciplines*, 14(2).
- Cronley, Courtney, et al. (2017). Studies of resilience among youth experiencing homelessness: A systematic review. *Journal of Human Behavior in the Social Environment*, 27(4), 291–310, doi: 10.1080/10911359.2017.1282912.
- Cronley, Courtney, et al. (2017). *Using innovative data collection methods to document transportation disadvantage in environmental-justice populations: An interdisciplinary case study*. Poster presented at the National Institute for Transportation and Communities Transportation and Communities Summit, Portland, OR.
- Cronley, Courtney, et al. (2017). *When you can't get out—losing opportunities due to transportation disadvantage among environmental justice populations*. Poster presented at the National Institute for Transportation and Communities' Transportation and Communities Summit, Portland, OR.
- Evans, Rosalind.** (2017). Strengthening the DSM: Incorporating resilience and cultural competence. *Social Work*, 62(2), 191–192.
- Evans, Rosalind, et al. (2017). Beyond the binary: Exploring the role of ambiguity in biphobia and transphobia. *Journal of Bisexuality*, 1–18.
- Evans, Rosalind, et al. (2017). Studies of resilience among youth experiencing homelessness: A systematic review. *Journal of Human Behavior in the Social Environment*, 27(4), 291–310.
- Fields, Noelle,** et al. (2017). Advancing doctoral social work education: An application of the social-ecological framework. *Journal of Teaching in Social Work*, doi:10.1080/08841233.2017.1327471.
- Fields, Noelle, et al. (2017). At the intersection of culture: Ethnically diverse dementia caregivers' service use. *Dementia: The International Journal of Social Research and Practice*.
- Fields, Noelle, et al. (2017). Using the eco-map and ecosystems perspective to guide skilled nursing facility discharge planning. *Journal of Gerontological Social Work*, doi:10.1080/01634372.2017.1324548.
- Fox, Pamela Lorraine.** (2017). *Diabetes, depression and syndemic suffering*. Presented at the the 41st National Association of Social Workers/Texas State Conference, Galveston, TX.
- Fox, Pamela Lorraine. (2017). *Practical approaches to impacting underserved populations*. Panelist at the 32nd Annual National Educational Conference of the National Association of Health Service Executives, San Antonio, TX.
- Gutierrez, Marcela.** (2017). *Perceptions and experiences of Hispanic women in a community-based cancer support group*. Presented at the Texas Center for Health Disparities Conference, Fort Worth, TX.
- Gutierrez, Marcela, et al. (2017). *An exploratory study into primary data collection for community health needs assessments in Tarrant County* [Technical report]. Arlington, TX: University of Texas at Arlington.
- Gutierrez, Marcela, et al. (2017). *Prostate cancer and African-American men: A call for health equity*. University of North Texas Health Science Center.
- Harper, Kiva.** (2017). *A conversation with Dr. Robert Jensen*. Panelist at the Dallas Book Festival.
- Harper, Kiva. (2017). *Serving with the enemy: What therapists need to know about military sexual trauma*. Presented at the Trauma Support Services of North Texas Conference.

- Harper, Kiva. (2017). *Traumatic grief: Responding to survivors of suicide and homicide*. Presented at the National Association of Social Workers Texas State Conference.
- Hoefler, Richard.** (2017). *Funded! Successful grant writing for your nonprofit organization*. New York: Oxford University Press.
- Hoefler, Richard, et al. (2017). Domestic violence shelters efforts to prevent teen dating violence: A national survey. *Violence against Women*, 23(4), 520–529, doi: 10.1177/1077801216644073.
- Hoefler, Richard, et al. (2017). Factors related to teenage dating violence prevention programs. *Children and Schools*, 39(2), 99–107, doi: 10.1093/cs/cdx007.
- Hoefler, Richard, et al. (2017). A quantitative evaluation of the multi-disciplinary approach to prevention services (maps) program to protect children and strengthen families. *Journal of Social Service Research*, 43(4), 1–11, <https://doi.org/10.1080/01488376.2017.1295009>.
- Hoefler, Richard, et al. (2017). Strengthening advocacy coalitions: Lessons for structure, engagement, and effectiveness from an IPV coalition. *Journal of Social Service Research*, 43(4), 443–458, doi: 10.1080/01488376.2017.1289143.
- Hoefler, Richard, et al. (2017). Worth the wait: The consequences of abstinence-only sex education for marginalized students. *American Journal of Sexuality Education*, 12(3), 257–276, doi: 10.1080/15546128.2017.1359802.
- Jordan, Cathleen.** (2017). *National Association of Social Workers Pioneer Award*.
- Malone, Pamela Ann.** (2017). *An attachment informed approach to adolescent grief therapy*. Paper presented at the 39th annual conference of the Association of Death Education and Counseling, Portland, OR.
- Malone, Pamela Ann. (2017). *Bearing witness: The ethics of trauma-informed supervision*. Paper presented at the 41st Annual NASW/Texas Conference, Galveston, TX.
- Malone, Pamela Ann, et al. (2017). *Clinical supervision for hospice social workers*. Paper presented at the 39th annual conference of the Association of Death Education and Counseling, Portland, OR.
- Miller, Vivian.** (2017). Book review of “Social policy for an aging society: A human rights perspective” (2015). *Perspectives on Social Work Journal*, 13(1), 42–44.
- Miller, Vivian, et al. (2017). Using the eco-map and ecosystems perspective to guide skilled nursing facility discharge planning. *Journal of Gerontological Social Work*, doi: 10.1080/01634372.2017.1324548.
- Mitschke, Diane,** et al. (2017). The impact of death row exoneration testimonial among social work students: A teaching note. *Journal of Teaching in Social Work*.
- Nordberg, Anne,** et al. (2017). The impact of death row exoneration testimonial among social work students: A teaching note. *Journal of Teaching in Social Work*, doi: 10.1080/08841233.2016.1269865.
- Nordberg, Anne, et al. (2017). *Improving graduation rates in drug court: A qualitative study of participants lived experiences*. Presented at the Society for Social Work Research Conference, January, New Orleans, LA.
- Nordberg, Anne, et al. (2017). *Neuro-feedback anger regulation: Findings from a pilot study and implications for social work*. Presented at the Society for Social Work Research Conference, January, New Orleans, LA.
- Nordberg, Anne, et al. (2017). A phenomenological and grounded theory study of women’s experiences in drug court: Informing practice through a gendered lens. *Women and Criminal Justice*, <http://dx.doi.org/10.1080/08974454.2016.1256255>.
- Praetorius, Regina.** (2017). The impact of a death row exoneration testimonial on social work students: A teaching note. *Journal of Teaching in Social Work*, 1–13.

- Scannapieco, Maria**, et al. (2017). *A collaboration between UT-Arlington and the Urban Inter-Tribal Center of Texas to assess the needs of the American Indian population in North Texas*. Discussion presented at the Sigma Theta Tau International Conference, Arlington, TX.
- Scannapieco, Maria, et al. (2017). *Differences and similarities between kinship adopters and nonkinship adopters: An examination of AFCARS data*. Poster presented at the Society of Social Work Research Annual Conference, New Orleans, LA.
- Scannapieco, Maria, et al. (2017). Evaluating the cultural fit of an approach for practice model development for tribal child welfare. *Journal of Public Child Welfare*, 11(1), 91–107.
- Scannapieco, Maria, et al. (2017). Exploratory factorial analysis and reliability of the child welfare trauma-informed individual assessment tool. *Journal of Public Child Welfare*, 11(1), 58–72.
- Scannapieco, Maria, et al. (2017). Kinship adoption: The road less traveled. *Adoption Quarterly*, 20(1), 83–97.
- Scannapieco, Maria, et al. (2017). *Measuring child welfare service providers' use of trauma-informed practices: The child welfare trauma-informed individual assessment tool*. Poster presented at the Annual Conference, Society for Social Work and Research, New Orleans, LA.
- Small, Eusebius**, et al. (2017). Bullying and HIV risk among high school teenagers: The mediating role of teen dating violence. *Journal of School Health*, 87(10), 743–750.
- Small, Eusebius, et al. (2017). Cultural competency in the global setting: Are social work students prepared to serve in a culturally diverse world. *The British Journal of Social Work*, 1–17, doi: 10.1093/bjsw/bcw050.
- Small, Eusebius, et al. (2017). The financial burden of healthcare cost: Strategies for medical expenses in Mexico. *Social Indicators Research*, 1–10, doi: 10.1007/s11205-016-1352-z.
- Small, Eusebius, et al. (2017). Intimate partner violence and women's mental health: The mediating role of coping strategies among women seeking help from the police. *Journal of Interpersonal Violence*, <https://doi.org/10.1177/0886260517729402>.
- Small, Eusebius, et al. (2017). Women's autonomy and attitudes toward condom use: A multicountry analysis. *Social Work in Public Health*, 32(4), 238–253.
- Smith-Osborne, Alexa**. (2017). *Behavioral effects of a brief parent-child group prevention strategy for school-referred bicultural youth*. Paper presented at the 21st Annual Conference of the Society for Social Work and Research, January 11–15, New Orleans, LA.
- Smith-Osborne, Alexa. (2017). *A recovery-oriented approach to combination treatment of ADHD*. Paper presented at the 21st Annual Conference of the Society for Social Work and Research, January 11–15, New Orleans, LA.
- Smith-Osborne, Alexa. (2017). *The student veteran project: An evidence-based protocol for onboarding student veterans*. Invited paper presented to the National Upward Bound Conference.
- Voth Schrag, Rachel**. (2017). *Sexual and intimate partner violence and service use among female community college students*. Oral presentation at the American Society of Criminology Annual Meeting, November 15–18, Philadelphia, PA.
- Voth Schrag, Rachel, et al. (2017). Assessing receptivity to empirically supported treatments in rape crisis centers. *Advances in Social Work*.
- Voth Schrag, Rachel, et al. (2017). Exposure to economic abuse among adolescent girls in the child welfare system. *Child and Adolescent Social Work Journal*, 34(2), 127–139, doi: 10.1007/s10560-016-0450-8.
- Voth Schrag, Rachel, et al. (2017). *The impact of trauma exposure on mental health and behavioral problems in adolescent girls in child welfare: Moderating effect of resiliency*. Oral Presentation at the Society for Social Work and Research Annual Meeting, January 11–15, New Orleans, LA.

Voth Schrag, Rachel, et al. (2017). The role of resiliency in mitigating negative effects of maltreatment for adolescent girls involved in child welfare. *Children and Youth Services Review*, 73, 437–444, doi: 10.1016/j.childyouth.2016.11.026.

Voth Schrag, Rachel, et al. (2017). *The role of social support in mitigating negative effects of economic abuse among a community based sample of women*. Oral presentation at the Society for Social Work and Research Annual Meeting, January 11–15, New Orleans, LA.

Voth Schrag, Rachel, et al. (2017). School sabotage as a tactic of intimate partner violence: Provider perspectives. *Affilia: The Journal of Women and Social Work*, 32(2), 171–187, doi: 10.1177/0886109916689785.

Voth Schrag, Rachel, et al. (2017). *School sabotage in intimate partner violence: Student and staff member perspectives*. Oral presentation at the Council on Social Work Education Annual Program Meeting, October 19–22, Dallas, TX.

Library

Rebecca Bichel, Dean

Bailey, Jody. (2017). *Invisible allies: Academic administrator support for front-line open education work*. Panel moderator presented at the Open Education Conference, Anaheim, CA.

Barker, Evelyn. (2017). *An evening with...Evelyn Barker*. Invited inaugural speech presented at the Dallas Historical Society, Dallas, TX.

Byke, Suzanne, et al. (2017). *Democratizing access with transformational impact: Experiential learning in the makerspace*. Presented at the Association of College and Research Libraries Conference, Baltimore.

Chivers, Morgan, et al. (2017). *Democratizing access with transformational impact: Experiential learning in the makerspace*. Presented at the Association of College and Research Libraries Conference, Baltimore.

Chivers, Morgan, et al. (2017). *How we learn from others: The art of collaboration*. Presented at the FabNow Conference at Tarrant Community College Trinity River Campus, Fort Worth.

Chivers, Morgan, et al. (2017). *Making maker literacies*. Presented at the Amigos Library Services Annual Member Conference, online.

Chivers, Morgan, et al. (2017). *Making maker literacies: Integrating academic library makerspaces into the undergraduate curriculum*. *Proceedings of the 2nd International Symposium on Academic Makerspaces*.

Chivers, Morgan, et al. (2017). *Walking the walk: Iterative design in student service learning projects*. Presented at the 2nd International Symposium on Academic Makerspaces at Case Western University, Cleveland.

Chivers, Morgan, et al. (2017). *Walking the walk: Iterative design in student service learning projects*. *Proceedings of the 2nd International Symposium on Academic Makerspaces*.

Chivers, Morgan. (2017). *Iterative design & student service learning*. Presented at the Library 2.0 mini-conference on Makerspaces, online.

Chivers, Morgan. (2017). *Scaling the DIY approach: Do-it-together with student service learning*. Presented at the 2nd International Symposium on Academic Makerspaces at Case Western University, Cleveland.

Chivers, Morgan. (2017). *Scaling the DIY Approach: Do-It-Together with Student Service Learning*. *Proceedings of the 2nd International Symposium on Academic Makerspaces*.

Chivers, Morgan. (2017). *What would Herbert think?* Presented at the Making Waves/Moving Minds Mini-Symposium at Gallery 76012, Fort Worth.

Chivers, Morgan. (2017). Works included in *10th Anniversary MFA Exhibition* [Group exhibition]. The Gallery at UTA, Arlington, Texas.

Chivers, Morgan. (2017). Works included in *Making Waves / Moving Minds* [Exhibition]. Gallery 76012, Fort Worth, Texas.

- Cook, Mark.** (2017). *Herd of Instinct*. East Main Street Arts Festival, May 6, Arlington, TX.
- Cook, Mark. (2017). *Herd of Instinct—Drone Priest*. Firepool Records, CA.
- Cook, Mark. (2017). *Spoke of Shadows II*. Firepool Records, CA.
- Dodd, Samantha.** (2017). *Aviation and Special Collections*. Presented at the Lockheed Martin Retirees Meeting.
- Dodd, Samantha. (2017). *Boomtown and beyond: A look back at Six Flags over Texas*. Presented at the Arlington Kiwanis Club, Arlington, TX.
- Dodd, Samantha. (2017). *Branching out: Using Special Collections in genealogical research*. Presentation at the TXGenWeb Annual Meeting, Burleson, TX.
- Dodd, Samantha. (2017). *Diversity and inclusion: Building the Texas Disability History Collection*. Presented at the Society of American Archivists Research Forum, Portland, OR.
- Dodd, Samantha. (2017). *No laughing matter: State hospitals, asylums, and bedlams in Texas*. Presentation at the University of Texas at Arlington Friends of the Library, Arlington, TX.
- Dodd, Samantha, et al. (2017). *Advocates for disability rights: Building the Texas Disability History Collection*. Presented at the Digital Frontiers, Denton, TX.
- Dodd, Samantha, et al. (2017). *Breaking down barriers: Building the Texas Disability History Collection*. Presented at the Cross Timbers Library Collaborative, Denton, TX.
- Dodd, Samantha, et al. (2017). *Disability records: Accessing the inaccessible*. Presented at the Society of Southwest Archivists Annual Meeting, Fayetteville, AR.
- Doran, Michael.** (2017). *UTA Libraries Dean's Innovation Award*.
- Downing, Jeffrey,** et al. (2017). They think all of this is new: Leveraging librarians project management skills for the digital humanities. *College & Undergraduate Libraries*, 24(2-4).
- Dwyer, Maggie.** (2017). McNair scholars research journal 2016. University of Texas at Arlington. [Monograph; design and format].
- Holmes, Ramona,** et al. (2017). *Borderland: The struggle for Texas*. Presentation at the College of Liberal Arts Digital Arts & Humanities Initiatives series, University of Texas at Arlington Central Library, Arlington, TX.
- Huseman, Ben.** (2017). *UTA Libraries annual STAR (Super Talent Appreciated and Recognized) Award*.
- McCormic, Candy.** (2017) I will know [Poem]. In *Cuaderna Via*, 2(2).
- Musick Peery, Katie,** et al. (2017). *Democratizing access with transformational impact: Experiential learning in the makerspace*. Presented at the Association of College and Research Libraries Conference, Baltimore.
- Musick Peery, Katie, et al. (2017). Making maker literacies: Integrating academic library makerspaces into the undergraduate curriculum. *Proceedings of the 2nd International Symposium on Academic Makerspaces*.
- Musick Peery, Katie, et al. (2017). *Walking the walk: Iterative design in student service learning projects*. Presented at the 2nd International Symposium on Academic Makerspaces at Case Western University, Cleveland.
- Musick Peery, Katie, et al. (2017). *Walking the walk: Iterative design in student service learning projects*. *Proceedings of the 2nd International Symposium on Academic Makerspaces*.
- Reed, Michelle.** (2017). *Crossing paths: An introduction to the intersections*. Presented at the Chartered Institute of Library and Information Professionals (CILIP) Webcast.
- Reed, Michelle. (2017). *Intersectional opportunities in open educational resources*. Presented at the Librarians Information Literacy Annual Conference (LILAC), Swansea, UK.

Reed, Michelle. (2017). *Intersections big and small: A review of three projects that merge scholarly communication and information literacy*. Presented at the Libraries Information Literacy Annual Conference (LILAC), Swansea, UK.

Reed, Michelle. (2017). *Rebus office hours: Accessibility in open textbooks*. Webcast presented at the Rebus Office Hours.

Reed, Michelle. (2017). *Students take the wheel: Exploring the products and processes of a service-learning partnership with undergraduates*. Poster presented at the Association of College & Research Libraries Conference, Baltimore, MD.

Reed, Michelle. (2017). *Successful OER adoption models: Academic libraries leading the way*. Webcast presented at the Scholarly Publishing and Academic Resources Coalition (SPARC) Webcast.

Reed, Michelle. (2017). *Two paths converge: Designing educational opportunities on the intersections of scholarly communication and information literacy*. Presentation at the ACRL Workshop Hosted by Pennsylvania Library Association, Glenside, PA; Texas State University, San Marcos, TX; University of North Texas, Denton, TX.

Reed, Michelle, et al. (2017). *Complementary and necessarily bundled: Leveraging partnerships to bring open pedagogy to scale*. Panel presentation at the Open Education Conference, Anaheim, CA.

Reed, Michelle, et al. (2017). *Exploring international open educational practices*. Presentation at the OER17, London, UK.

Reed, Michelle, et al. (2017). *Intersections open house: What are the intersections of scholarly communication and information literacy, and what can they do for you*. Workshop Showcase presented at the Association of College & Research Libraries Conference, Baltimore, MD.

Reed, Michelle, et al. (2017). *Modifying a project memorandum of understanding for reuse*. Poster presented at the Digital Frontiers, Denton, TX.

Reed, Michelle, et al. (2017). *Transforming first-year information literacy: Understanding authority in a sea of information*. Panel Presentation at the Association of College & Research Libraries Conference, Baltimore, MD.

Scalf, Heather C., et al. (2017). The end of the world as we've known it: Disruptive innovation in an academic library. In C. Antonucci and S. Clapp (Eds.), *The LITA Leadership Guide: The Librarian as Entrepreneur, Leader, and Technologist*. New York, NY: Rowan and Littlefield.

Scalf, Heather C., et al. (2017). Open access citation analysis. In A. Dobbs (Ed.), *Library Assessment Cookbook*. Chicago: Association of College and Research Libraries.

Scalf, Heather C., et al. (2017). Service desk activity burrito. In A. Dobbs (Ed.), *Library Assessment Cookbook*. Chicago: Association of College and Research Libraries.

Shankle, Betty. (2017). Walking the line: The 50th anniversary of Texas labor history. *SSA Southwestern Archivist*, 40(3), 29.

Shankle, Betty. (2017). *Walking the line: The diverse history of organized labor in Texas*. Presented at the Friends of the University of Texas at Arlington Libraries, Labor Archives Special Collections, University of Texas at Arlington Central Library, Arlington, TX.

Shankle, Betty, et al. (2017). *Advocates for disability rights: Building the Texas Disability History Collection*. Exhibit presented at the Digital Frontiers, Denton, TX.

Shankle, Betty, et al. (2017). Digitizing for accessibility: University of Texas at Arlington's *Texas Disability History Collection* project. *SSA Southwestern Archivist*, 40(3), 17.

Shankle, Betty, et al. (2017). *Texas disability history: Accessing the inaccessible*. Address presented at the American Association for State and Local History, Austin, TX.

Shankle, Betty, et al. (March 6, 2017). Archivists on the issues: Disability records accessibility at the University of Texas at Arlington [Blog]. *Issues & Advocacy*. Society of American Archivists.

- Trkay, Gretchen**, et al. (2017). Making maker literacies: Integrating academic library makerspaces into the undergraduate curriculum. *Proceedings of the 2nd International Symposium on Academic Makerspaces*.
- Trkay, Gretchen, et al. (2017). *Integrating maker literacies into experiential learning assignments*. Co-panelist, with Martin Wallace presented at the Texas Library Association, San Antonio, TX.
- Troutman, Brooke**, et al. (2017). *Boost your scholarly profile* [Workshop]. International Open Access Week.
- Troutman, Brooke, et al. (2017). *Document the quality of your research* [Workshop].
- Wallace, Martin**. (2017). *Casting a wide net: The library's role in transforming partnerships across campus*. Panel discussion presented at the ACRL Conference, Baltimore, MD.
- Wallace, Martin. (2017). *Making maker literacy*. Presented at the TCC Libraries Staff Development Day, TCC Trinity River Campus.
- Wallace, Martin, et al. (2017). *Competencies-based course integration of academic library makerspaces*. Presentation at the Library 2.017, San Jose State University, San Jose, CA.
- Wallace, Martin, et al. (2017). *Integrating maker literacies into experiential learning assignments*. Co-panelist, with Gretchen Trkay presented at the Texas Library Association, San Antonio, TX.
- Wallace, Martin, et al. (2017). Making maker literacies: Integrating academic library makerspaces into the undergraduate curriculum. *Proceedings of the 2nd International Symposium on Academic Makerspaces*.
- Wallace, Martin, et al. (2017). *Making maker literacies: Integrating academic library makerspaces into the undergraduate curriculum*. Paper presented at the International Symposium on Academic Makerspaces, Case Western Reserve University, Cleveland, OH; Amigos Member Conference Online.
- Walter, Catherine**, et al. (2017). *D22: Finding the way: A collaboration with the audience about our wayfinding tools and strategies for the library*. Talk presented at the Designing for Digital (D4D), Austin, TX.
- Walter, Catherine, et al. (2017). *Lost in the library*. Session presented at the Texas Library Association, San Antonio, TX.
- Williamson, Peace**, et al. *Course in data visualization*. Presented at the Association of College and Research Libraries Conference, Baltimore, MD.
- Williamson, Peace, et al. (2017). *An emerging model of data literacy instruction: Teaching data competencies in undergraduate courses*. Presented at the Association of College and Research Libraries Virtual Conference, Baltimore, MD.
- Williamson, Peace, et al. (2017). *Getting started with the Texas data repository and data competencies*. Presented at the Texas Digital Libraries.
- Williamson, Peace, et al. (2017). *The MOU: Your blueprint for managing collaborative projects*. Webinar presented at the Library Leadership and Management Association.
- Williamson, Peace, et al. (2017). *Teaching data: Developing data instruction using a multi-level competency model*. Presented at the Texas Digital Libraries.

Other

English Language Institute

Cindy Kilpatrick, Interim Director

Brown, Eun Jung. (2017). *English factory*. Darakwon: Seoul, Korea.

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