

2018 FACULTY SCHOLARSHIP REPORT

DESIGN AND LAYOUT

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OFFICE OF THE PROVOST

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Letter from the Provost

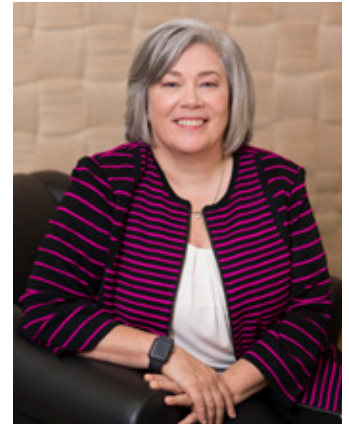
I am delighted to present this 2018 Faculty Scholarship Report. This compendium of scholarly work by RIT faculty and students represents the best of who we are as scholars and creative artists. I hope you will take pride in your own and others' awards, articles, books, juried exhibitions, editorships and other scholarly work highlighted here.

The scholarly and artistic efforts within this report are examples of significant individual and group achievement. This work ranges from identifying antibacterial agents that promote burn wound healing, to building better barriers to cyberterrorism, to exploring representations of disability stigma in the media. It puts RIT and its research at the very heart of some of the world's most critical technical, scientific, and social challenges.

The impact of these accomplishments is also making a difference to RIT's national reputation. For example, as the result of many recent research successes, we are now classified by the Carnegie Classification of Institutions of Higher Education as Carnegie Research 2. This new standing elevates our national status and expands the opportunities available to faculty and students alike.

RIT's vision for the future, embodied in the university's strategic plan Greatness Through Difference, sets ambitious research and scholarship goals for the year 2025 including: \$100M in sponsored program awards, \$70M in sponsored program expenditures, 1,000 scholarly works produced annually, and at least 50 doctoral degrees conferred each year. The collective work displayed in this report makes me confident that these goals, though ambitious, are well within the talents of RIT's faculty.

It is with great pride that I present this report highlighting our faculty's scholarly achievements during 2018.



ELLEN GRANBERG, PH.D.

Provost and Senior Vice President for Academic Affairs
Rochester Institute of Technology

Computing & Information Sciences

Computer Science

Reynold J Bailey, Professor

Published Conference Proceedings: Nwogu, Ifeoma, Bryan Passino, and Reynold Bailey. "A Study on the Suppression of Amusement." Proceedings of the IEEE Conference on Automatic Face and Gesture Recognition, May 15-19, 2018, Xi'an, China. Ed. Sidney D'Mello, Louis Philippe Morency, Michel Valstar, and Lijun Yin. Xi'an, China: n.p., Web. *

Published Conference Proceedings: Haduong, Nikita, et al. "Multimodal Alignment for Affective Content." Proceedings of the AAAI Conference on Artificial Intelligence - Workshop on Affective Content Analysis (AffCon 2018),. Ed. Niyati Chhaya, Kokil Jaidka, Lyle Ungar, and P. Anandan. New Orleans, Louisiana: n.p., Web. «

Published Conference Proceedings: Medina, Rebecca, et al. "Sensing Behaviors of Students in Online vs. Face to Face Lecturing Contexts." Proceedings of the IEEE International Conference on Pervasive Computing and Communications (PerCom) - Workshop on Human-centered Computational Sensing (HCCS 2018), March 2018, Athens, Greece. Ed. Alan Marchiori and Damith C. Ranasinghe. Athens, Greece: IEEE, Web. «

Published Conference Proceedings: Diaz, Yancarlos, et al. "Towards an Affective Video Recommendation System." Proceedings of the IEEE International Conference on Pervasive Computing and Communications (PerCom) - Workshop on Human-centered Computational Sensing (HCCS 2018), March 2018, Athens, Greece. Ed. Alan Marchiori and Damith C. Ranasinghe. Athens, Greece: IEEE, Web. «

Published Conference Proceedings: Shea, Jordan, Cecilia Ovesdotter Alm, and Reynold Bailey. "Contemporary Multimodal Data Collection Methodology for Reliable Inference of Authentic Surprise." Proceedings of the 2018 IEEE Western New York Image and Signal Processing Workshop,. Ed. IEEE. Rochester, New York: IEEE, Web. *

Peer Reviewed/Juried Poster Presentation: Kothari, Rakshit, et al. "Gaze in Wild: A Dataset for Studying Vestibular-Ocular Coordination in Naturalistic Tasks." Proceedings of the 2018 IEEE Western New York Image and Signal Processing Workshop, October 2018, Rochester. Ed. IEEE. Rochester, New York: IEEE. *

Ivona Bezakova, Professor

Published Conference Proceedings: Butler, Zack, Ivona Bezáková, and Kimberly Fluet. "Analyzing Rich Qualitative Data to Study Pencil-Puzzle-based Assignments in CS1 and CS2." Proceedings of the 23rd Annual ACM Conference on Innovation and Technology in Computer Science Education (ITICSE), July 2-4, 2018, Larnaca, Cyprus. Ed. Irene Polycarpou, et al. Larnaca, Cyprus: ACM, Web. *

Published Conference Proceedings: Bezáková, Ivona and Andrew Searns. "On Counting Oracles for Path Problems." Proceedings of the 29th International Symposium on Algorithms and Computation (ISAAC), December 16-19, 2018, Jiaoxi, Yilan, Taiwan. Ed. Wen-Lian Hsu, Der-Tsai Lee, and Chung-Shou Liao. Jiaoxi, Yilan, Taiwan: Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik, Web. *

Peer Reviewed/Juried Poster Presentation:

Butler, Zack, Ivona Bezáková, and Kimberly Fluet. "Qualitative Analysis of Open-ended Comments in Introductory CS Courses." Proceedings of the 49th ACM Technical Symposium on Computer Science Education (SIGCSE), February 21-24, 2018, Baltimore, MD. Ed. Tiffany Barnes, et al. Baltimore, MD: ACM. *

Published Conference Proceedings: Bezáková, Ivona, et al. "Inapproximability of the Independent Set Polynomial in the Complex Plane." Proceedings of the 50th Annual ACM SIGACT Symposium on Theory of Computing (STOC), June 25-29, 2018, Los Angeles, CA. Ed. Ilias Diakonikolas, David Kempe, and Monika Henzinger. Los Angeles, CA: ACM, Web. *

Hans-Peter Bischof, Professor

Published Conference Proceedings: George, Jason St. "SONIFICATION OF SIMULATED BLACK HOLE MERGER DATA." Proceedings of the 2018 International Conference on Modeling, Simulation & Visualization Methods. Ed. Hamid R. Arabnia, Leonidas Deligiannidis, Fernando G. Tinetti. Las Vegas, NV: CSREA Press, Web. *

Invited Article/Publication: Bischof, Hans-Peter. "The Hunt for Gravitational Waves and How to Visualize What No Person has Seen Before." SAS Global Forum 2018. (2018). Web. Δ

Zachary Butler, Professor

Published Conference Proceedings: Butler, Zack, Ivona Bezakova, and Kimberly Fluet. "Qualitative Analysis of Open-ended Comments in Introductory CS Courses." Proceedings of the ACM Technical Symposium on Computer Science Education. Ed. Elizabeth Hawthorne and Manuel Perez-Quinones. New York, NY: ACM, Web. *

Published Conference Proceedings: Butler, Zack, Ivona Bezakova, and Kimberly Fluet. "Analyzing Rich Qualitative Data to Study Pencil-Puzzle-based Assignments in CS1 and CS2." Proceedings of the ACM Conference on Innovation and Technology in Computer Science Education. Ed. P Andreou. New York, NY: ACM, Web. *

Published Conference Proceedings: Taylor, Cynthia, et al. "Propagating the Adoption of CS Educational Innovations." Proceedings of the ITiCSE 2018 Companion. Ed. Guido Rossling. New York, NY: ACM, Web. *

Matthew Fluet, Associate Professor

Published Conference Proceedings: Guatto, Adrien, et al. "Hierarchical Memory Management for Mutable State." Proceedings of the 23rd ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (PPoPP'18; February 24-26, 2018; Wien, Austria). Ed. Thomas Gross. New York, New York: ACM, 2018. Web. «

Joe Geigel, Professor

Peer Reviewed/Juried Poster Presentation: Scicali, Alberto, Ifeoma Nwogu, and Joe Geigel. "Mobile Emotion Recognition Engine." Proceedings of the Symposium for Applied Perception (SAP 2018). Ed. Betsy Sanders. Vancouver, BC: n.p.. *

Peer Reviewed/Juried Poster Presentation: Mishra, Antara and Joe Geigel. "Tone Reproduction for Virtual Reality Applications." Proceedings of the Symposium for Applied Perception (SAP 2018). Ed. Betsy Sanders. Vancouver, BC: n.p.. *

Published Conference Proceedings: Medina, Rebecca, et al. "Sensing Behaviors of Students in Online vs. Face-to-Face Lecturing Contexts." Proceedings of the workshop on Human-Centered Computational Sensing (HCCS'18) - Athens Greece, March 19, 2018. Ed. Cecilia Ovesdotter Alm,, Reynold Bailey, and Ehsan Hoque. Athens, Greece: n.p., Web. *

Edith Hemaspaandra, Professor

Published Conference Proceedings: Fitzsimmons, Zack and Edith Hemaspaandra. "High-Multiplicity Election Problems." Proceedings of the Seventeenth International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2018). Richland, SC: International Foundation for Autonomous Agents and Multiagent Systems, 2018. Web. «

Featured Faculty

QI YU'S RESEARCH SPANS MULTIPLE BRANCHES IN MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE WITH A MAJOR FOCUS ON INTEGRATING MACHINE INTELLIGENCE WITH HUMAN INTELLIGENCE THROUGH INNOVATIONS IN MULTIMODAL DATA FUSION, DYNAMIC DATA MODELING, ACTIVE LEARNING, BAYESIAN NONPARAMETRICS, AND KNOWLEDGE-RICH DATA MINING. DR. YU HAS RECEIVED OVER \$2M IN RESEARCH FUNDING, INCLUDING THOSE FROM THE NATIONAL SCIENCE FOUNDATION (NSF) AND THE OFFICE OF NAVAL RESEARCH (ONR).

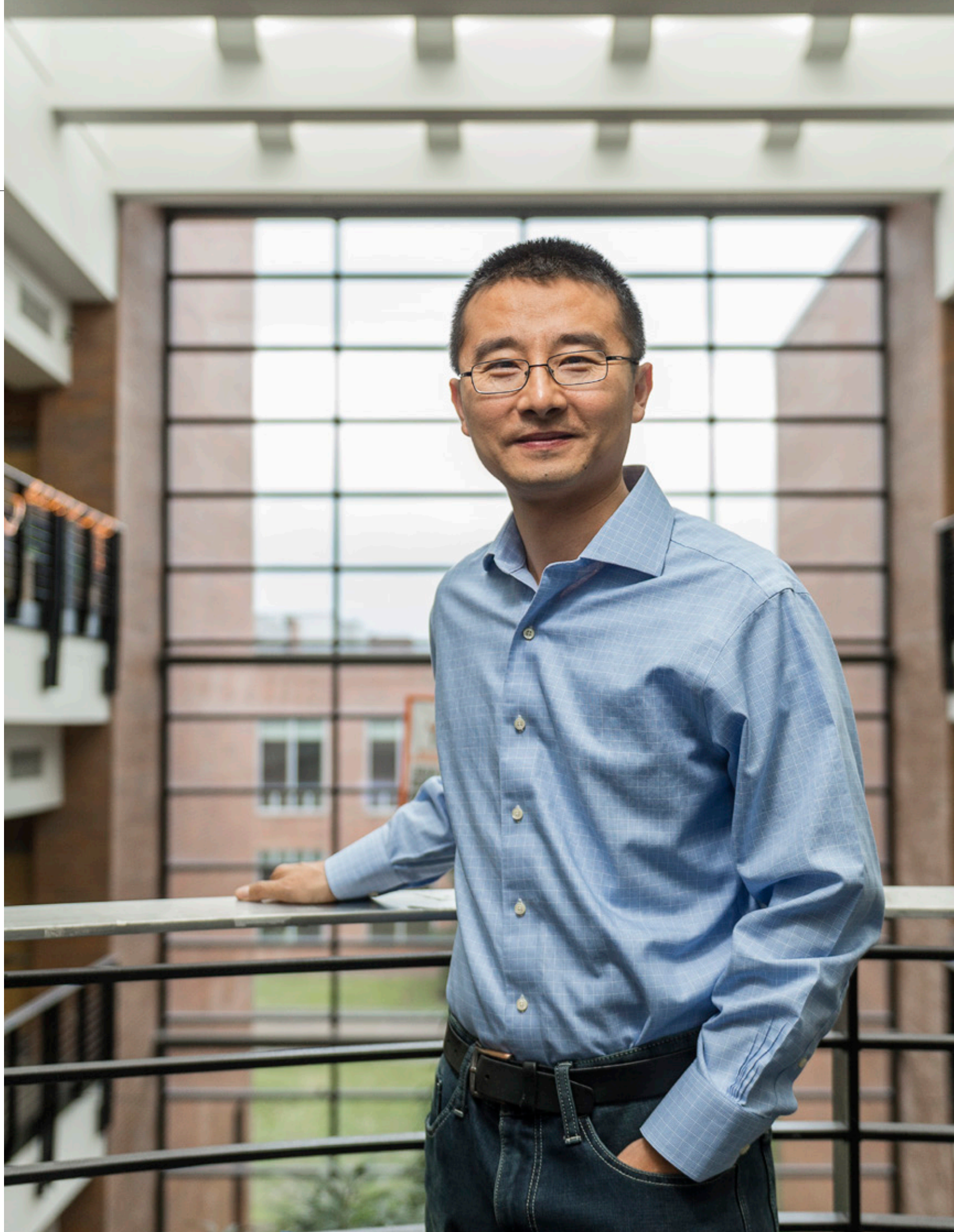
Dr. Yu directs the Machine learning and Data Intensive Computing (Mining) research lab, which focuses on developing interpretable machine learning models that analyze large-scale multimodal dynamic data while keeping humans in the loop for interactive and continuous model improvement.

In a recently funded NSF project, Dr. Yu is working with an interdisciplinary research team to bring together human and computer capabilities to automatically extract the meaning of complex images, especially those from specialized domains such as medicine. The research will contribute novel computational models to capture the complex and unique features of human language and vision related to performing image understanding tasks, and an innovative probabilistic framework to fuse human knowledge data with image features.

In another project, which is sponsored by the ONR, Dr. Yu's team aims to develop a novel machine learning framework to facilitate complex decision-making in various highly complicated battlefield scenarios and military tasks. Such a framework will provide fundamental support to a decision-making team, including (1) analyzing large-scale, heterogeneous, and dynamic data streams from multiple sources and extracting high-level and meaningful features, (2) fusing multimodal data streams and providing decision recommendations with interpretable justifications, (3) identifying sources of uncertainty and offering informative guidance for cost-effective information gathering, and (4) allowing intuitive interactions with the human team for collaborative learning and continuous model improvement to achieve high-quality decisions.

QI YU
ASSOCIATE PROFESSOR
GOLISANO COLLEGE OF COMPUTING AND INFORMATION SCIENCES

PHOTO BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Published Conference Proceedings: Hemaspaandra, Edith, et al. "The Robustness of LWPP and WPP, with an Application to Graph Reconstruction." Proceedings of the 43rd International Symposium on Mathematical Foundations of Computer Science (MFCS 2018). Ed. . Dagstuhl, Germany: Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik, 2018. Web. *

External Scholarly Fellowships/National Review Committee:

10/1/2018 -
9/30/2021
NSF-DUE IUSE
Amount: \$299,471

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External Scholarly Fellowships/National Review Committee:

10/1/2018 -
3/31/2019
Alexander von Humboldt Foundation:
Renewed Research Stay
Amount: 16,150 euros

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Christopher M Homan, Associate Professor

Journal Paper: Lytle, Megan C., et al. "Suicidal and Help-Seeking Behaviors Among Youth in an Online Lesbian, Gay, Bisexual, Transgender, Queer, and Questioning Social Network." Journal of Homosexuality 65. 13 (2018): 1916– 933. Print. «

Published Conference Proceedings: White, Ann Marie, et al. "Does Reciprocal Gratefulness in Twitter Predict Neighborhood Safety?: Comparing 911 Calls Where Users Reside or Use Social Media." Proceedings of the International AAAI Conference on Web and Social Media (ICWSM 2018) Palo Alto, CA, June 25-28. Ed. N/A. Palo Alto, CA: n.p., Print. «

Published Conference Proceedings: Tornblad, McKenna, et al. "Sensing and Learning Human Annotators Engaged in Narrative Sensemaking." Proceedings of the Proceedings of the 2018 Conference of the North American Chapter of the Association for Computational Linguistics:

Student Research Workshop, New Orleans, LA, June 1-June 6. Ed. N/A. N/A, N/A: Association for Computational Linguistics, 2018. Web. «

Hadi Hosseini, Assistant Professor

Published Conference Proceedings: Briliantova, Angelina, et al. "An Agent-Based Model of an Endangered Population of the Arctic Fox from Mednyi Island." Proceedings of the AI for Wildlife Conservation (AIWC) at the 27th International Joint Conference on Artificial Intelligence. Ed. Elizabeth Bondi and Bistra Dilkina. Stockholm, Sweden: n.p., Web. *

Peer Reviewed/Juried Poster Presentation:

Bendlin, Theodora and Hadi Hosseini. "Partners in Crime: Manipulating the Gale-Shapley Algorithm Through an Accomplice." Proceedings of the Seventh International Workshop on Computational Social Choice (COMSOC). Ed. Edith Elkind and Lirong Xia. Troy, NY: n.p.. *

Peer Reviewed/Juried Poster Presentation:

Shringi, Ameya and Hadi Hosseini. "Fair and Pareto Optimal Allocation of Indivisible Goods." Proceedings of the Seventh International Workshop on Computational Social Choice (COMSOC). Ed. Edith Elkind and Lirong Xia. Troy, NY: n.p.. *

National/International Competition Award

Winner: Hosseini, Hadi. International Conference on Autonomous Agents and Multiagent Systems. Best Program Committee. Stockholm, NA, 2018. £

Journal Paper: Hosseini, Hadi, Kate Larson, and Robin Cohen. "Investigating the Characteristics of One-Sided Matching Mechanisms Under Various Preferences and Risk Attitudes." Journal of Autonomous Agents and Multi-Agent Systems (JAAMAS) 32. 4 (2018): 534–567. Print. «

Published Conference Proceedings: Hosseini, Hadi and Kate Larson. "Strategyproof Quota Mechanisms for Multiple Assignment Problems." Proceedings of the Seventh International Workshop on Computational Social Choice (COMSOC). Ed. Edith Elkind and Lirong Xia. Troy, New York: n.p., Web. *

Xumin Liu, Associate Professor

Journal Paper: Liu, Xumin and Moayad Alshangiti and Chen Ding and Qi Yu. "Log Sequence Clustering for Workflow Mining in Multi-workflow Systems." *Data & Knowledge Engineering* 117. (2018): 1-17. Print. *

Journal Paper: Bukhari, Afnan and Xumin Liu. "A Web Service Search Engine for Large-scale Web Service Discovery Based on the Probabilistic Topic Modeling and Clustering." *Service Oriented Computing and Applications* 12. 2 (2018): 169-182. Print. *

Stanislaw Radziszowski, Professor

Journal Paper: Xu, Xiaodong, Meilian Liang, and Stanislaw Radziszowski. "On the Nonexistence of Some Generalized Folkman Numbers." *Graphs and Combinatorics* 34. 5 (2018): 1101-1110. Print. *

Published Conference Proceedings: Bajorski, Peter, et al. "Array-Based Statistical Analysis of the MK-3 Authenticated Encryption Scheme." *Proceedings of the MILCOM*. Ed. MILCOM. Los Angeles, CA: MILCOM, 2018. Web. *

Published Conference Proceedings: Bajorski, Peter, et al. "Customization Modes for the Harris MK-3 Authenticated Encryption Algorithm." *Proceedings of the MILCOM*. Ed. MILCOM. Los Angeles, CA: MILCOM, 2018. Web. *

Rajendra Raj, Professor

Invited Article/Publication: Raj, Rajendra K. and Allen Parrish. "Toward Standards in Undergraduate Cybersecurity Education in 2018." *IEEE Computer*. (2018). Print. Δ

Carlos Rafael Rivero Osuna, Assistant Professor

Published Conference Proceedings: Marin, Victor J. and Carlos R. Rivero. "Towards a Framework for Generating Program Dependence Graphs from Source Code." *Proceedings of the 4th ACM SIGSOFT International Workshop on Software Analytics*. Ed. Olga Baysal, Tim Menzies. Orlando, Florida: ACM, Web. *

Carol J Romanowski, Professor

Book Chapter: Alnemari, Asma, et al. "Protecting Infrastructure Data via Enhanced Access Control, Blockchain and Differential Privacy." *Critical Infrastructure Protection XII. IFIP Advances in Information and Communication Technology*. Ed. J. Staggs and Sujeet Sheno. Arlington, VA: Springer, 2018. 113-125. Print. ~

Published Conference Proceedings: Alnemari, Asma, et al. "Protecting Critical Infrastructure Data Through Enhanced Access Control, Blockchain, and Differential Privacy." *Proceedings of the 12th IFIP WG 11.10 International Conference, ICCIP 2018, Arlington VA March 12-14*. Ed. Sujeet Sheno. Arlington, VA: Springer, Web. ~

Published Conference Proceedings: Schneider, Jennifer, et al. "Building Robust Risk Management as a Method of Situational Awareness at the Local Level." *Proceedings of the 2018 IEEE International Symposium on Technologies for Homeland Security (HST)*, Woburn, MA, USA, Oct. 2018. Ed. IEEE. Woburn, MA: n.p., Web. *

Peer Reviewed/Juried Poster Presentation: Alnemari, Asma, et al. "Achieving Resiliency while Preserving Privacy in the Healthcare Sector." *Proceedings of the International Symposium for Sustainable Systems and Technology (ISSST)*, June 25-28, 2018, Buffalo, New York. Ed. ISSST. Buffalo, NY: n.p., Web. *

Richard Zanibbi, Professor

Published Conference Proceedings: Coüasnon, Bertrand, Ashok Popat, and Richard Zanibbi. "Discussion Group Summary: Graphics Syntax in the Deep Learning Age." *Proceedings of the 12th IAPR International Workshop on Graphics Recognition*. Ed. Alicia Fornés and Bart Lamiroy. Kyoto, Japan: n.p., 2018. Print. Δ

Journal Editor: Kise, Koichi, Daniel Lopresti, and Simone Marinai, ed. *International Journal on Document Analysis and Recognition*. Berlin: Springer, 2018. Print.

Peer Reviewed/Juried Poster Presentation:

Mahdavi, Mahshad, Michael Condon, and Richard Zanibbi. "Applying Hierarchical Contextual Parsing to Isolated Typeset Math Formulas." Proceedings of the Western New York Image and Signal Processing Conference (WNYIP). Ed. Ray Ptucha et al. Rochester, NY: n.p., *.

Journal Editor: Mirmehdi, Majid, ed. IET Computer Vision. London, England: n.p., 2018. Print. *

Invited Keynote/Presentation: Zanibbi, Richard. "Visual Search Engine for Math in Lecture Videos and LaTeX Notes." Western New York Image and Signal Processing Conference (WNYIP). IEEE. Rochester, NY. 5 Oct. 2018. Conference Presentation.

Journal Paper: Davila, Kenny and Richard Zanibbi. "Visual Search Engine for Handwritten and Typeset Math in Lecture Videos and LaTeX Notes." Proc. International Conference on Frontiers in Handwriting Recognition (ICFHR, *Best Paper Award). (2018): 50-55. Web. «

Published Conference Proceedings: Choi, Kwon-Young, et al. "Music Symbol Detection with Faster R-CNN Using Synthetic Annotations." Proceedings of the Proc. International Workshop on Reading Music Systems (WoRMS). Ed. Jorge Calvo-Zaragoza, Jan Hajic jr., and Alexander Pacha. Paris, France: n.p., Web. ~

Published Conference Proceedings: Pacha, Alexander, et al. "Handwritten Music Object Detection: Open Issues and Baseline Results." Proceedings of the Proc. IAPR Workshop on Document Analysis Systems (DAS). Ed. Basilis Gatos, Koichi Kise, Dan Lopresti, and Jean-Marc Ogier. Vienna, Austria: n.p., 2018. Web. *

*Department of Computing Security***Sumita Mishra, Professor**

Published Conference Proceedings: Schneider, J., et al. "Building Robust Risk Management as a Method of Situational Awareness at the Local Level." Proceedings of the 2018 IEEE International Symposium on Technologies for Homeland Security (HST), Woburn, MA, USA, Oct. 2018. Ed. IEEE. Woburn, MA: n.p., 2018. Web. *

Book Chapter: Alnemari, A., et al. "Protecting Infrastructure Data via Enhanced Access Control, Blockchain and Differential Privacy." Critical Infrastructure Protection XII. IFIP Advances in Information and Communication Technology, vol 542. Ed. Staggs J., Sheno S.. Cham, Switzerland: Springer, 2018. 113-125. Web. *

Published Conference Proceedings: Pan, Y., M. Yacci, and S. Mishra. "Assessing the Modular-based Digital Forensics Game for Entry Level Students." Proceedings of the 2018 ASEE Annual Conference and Exposition. Ed. ASEE. Salt Lake City, UT: n.p., 2018. Web. *

Published Conference Proceedings: Alnemari, A., et al. "Protecting Critical Infrastructure Data Through Enhanced Access Control, Blockchain, and Differential Privacy." Proceedings of the 12th IFIP WG 11.10 International Conference, ICCIP 2018, Arlington, VA, USA, March 12-14, 2018. Ed. IFIP. Arlington, VA: n.p., 2018. Web. *

Peer Reviewed/Juried Poster Presentation: Alnemari, A., et al. "Achieving Resiliency while Preserving Privacy in the Healthcare Sector." Proceedings of the 2018 International Symposium for Sustainable Systems and Technology (ISSST), June 25-28, 2018, Buffalo, New York. Ed. ISSST. Buffalo, NY: n.p., *.

Yin Pan, Professor

Peer Reviewed/Juried Poster Presentation: Pan, Yin, Sumita Mishra, and Micheal Yacci. "Assessing the Modular-based Digital Forensics Game for Entry Level Students." Proceedings of the ASEE Annual Conference & Exposition. Ed. None. Salt Lake City, Utah: n.p., *.

Peer Reviewed/Juried Poster Presentation:

Mosli, Rayan, Bo Yuan, and Yin Pan. "On the Viability of Data Collection Using Google Rapid Response for Enterprise-level Malware Research." Proceedings of the Digital Forensics Workshop (DFRWS). Ed. None. Rhode Island, Providence: n.p.. *

Justin M Pelletier, Lecturer

Journal Paper: Pelletier, J.M. "Longitudinal Analysis of Information Security Incident Spillover Effects." Journal of Management Science and Business Intelligence 3. (2018): 15-20. Web. *

Published Conference Proceedings: Hair, N., Santa, J., and Pelletier, J.M. "Loring Online Students' Perceptions of Website Customer Experience." Proceedings of the OLC Accelerate 2018. Orlando, FL. Ed. Katie Fife Schuster. Orlando, Florida: OLC, 2018. Print. £

Peer Reviewed/Juried Poster Presentation:

Pelletier, J.M. "The Race to Field and Secure Autonomous Combat Units." Proceedings of the 2018 USENIX Summit on Hot Topics in Security, Baltimore, MD. Ed. David Brumley, Parisa Tabriz. Baltimore, MD: n.p.. £

Published Conference Proceedings: Pelletier, J.M. and Shita, M. "Optimizing Alternative Futures: Assuring Security in the Event of Machine Superintelligence." Proceedings of the Proceedings of the International Conference on Intelligent Computing and Big Data, Houston, TX, 6-7 April, 2018. Ed. Bruce O'Neal, Yu Sun. Houston, TX: IBII, Print. £

Hanif Rahbari, Assistant Professor

Published Conference Proceedings: Rahbari, Hanif, et al. "Adaptive Demodulation for Wireless Systems in the Presence of Frequency-Offset Estimation Errors." Proceedings of the IEEE INFOCOM, Honolulu, HI, USA, April 2018. Ed. N/A. Piscataway, NJ: IEEE, 2018. Web. *

Published Conference Proceedings: Rahbari, Hanif, Jinshan Liu, and Jung-Min (Jerry) Park. "SecureMatch: Scalable Authentication and Key Relegation for IoT Using Physical-Layer Techniques." Proceedings of the IEEE Conference on Communications and Network Security (CNS), Beijing, China, June 2018. Ed. N/A. Piscataway, NJ: IEEE, 2018. Web. *

Full Patent: Krunz, Marwan M., et al. "Systems and Methods for Securing Wireless Communications." U.S. Patent US010069592B1. 4 Sep. 2018. *

Ziming Zhao, Assistant Professor

Published Conference Proceedings: Dixit, Vaibhav Hemant, et al. "AIM-SDN: Attacking Information Mismanagement in SDN-datastores." Proceedings of the ACM Conference on Computer and Communications Security (CCS). Ed. N/A. n.p., 2018. Print. *

Published Conference Proceedings: Cho, Haehyun, et al. "Prime+Count: Novel Cross-world Covert Channels on ARM TrustZone." Proceedings of the Annual Computer Security Applications Conference (ACSAC). Ed. N/A. n.p., 2018. Print. «

Published Conference Proceedings: Coughlin, Vu, et al. "EDSGuard: Enforcing Network Security Requirements for Energy Delivery Systems." Proceedings of the IEEE International Conference on Communications, Control, and Computing Technologies for Smart Grids (SmartGridComm). Ed. N/A. N/A, N/A: n.p., 2018. Print. «

Published Conference Proceedings: Gutierrez, Mauricio, et al. "CacheLight: Defeating the CacheKit Attack." Proceedings of the Workshop on Attacks and Solutions in Hardware Security (Ashes). Ed. N/A. n.p., 2018. Print. «

Journal Paper: Chen, Jing, et al. "Uncovering the Face of Android Ransomware: Characterization and Real-time Detection." IEEE Transactions on Information Forensics & Security (TIFS). (2018): 0-0. Print. *

Published Conference Proceedings: Mabey, Mike, et al. "Challenges, Opportunities, and a Framework for Web Environment Forensics." Proceedings of the IFIP Working Group 11.9 Digital Forensics (11.9 Digital Forensics). Ed. N/A. n.p., 2018. Print. «

Published Conference Proceedings: Chandramouli, Sai Prashanth, et al. "Measuring E-Mail Header Injections on the World Wide Web." Proceedings of the ACM/SIGAPP Symposium On Applied Computing (SAC). Ed. N/A. n.p., 2018. Print. «

Published Conference Proceedings: Lamp, Josephine, et al. "The Danger of Missing Instructions: A Systematic Analysis of Security Requirements for MCPS." Proceedings of the International Workshop on Security, Privacy, and Trustworthiness in Medical Cyber-Physical Systems (MedSPT). Ed. N/A. Washington, DC: n.p., 2018. Print. «

Published Conference Proceedings: Medrano, Carlos Rubio, Ziming Zhao, and Gail-Joon Ahn. "RiskPol: A Risk Assessment Framework for Preventing Attribute-Forgery Attacks to ABAC Policies." Proceedings of the ACM Workshop on Attribute Based Access Control (ABAC). Ed. N/A. Tempe, AZ: AMC, 2018. Print. «

Published Conference Proceedings: Dixit, Vaibhav Hemant, et al. "Challenges and Preparedness of SDN-based Firewalls." Proceedings of the ACM Workshop on Security in Software Defined Networks and Network Function Virtualization (SDNNFV). Ed. N/A. Tempe, AZ: n.p., 2018. Print. «

Published Conference Proceedings: Baek, Jaeyong, et al. "Wi Not Calling: Practical Privacy and Availability Attacks in Wi-Fi Calling." Proceedings of the Annual Computer Security Applications Conference (ACSAC). Ed. N/A. N/A, Puerto Rico: n.p., 2018. Print. «

Information Sciences and Technologies

Erik Golen, Lecturer

Published Conference Proceedings: Tran, Tuan, et al. "Sentiment Analysis of Marijuana Content via Facebook Emoji-Based Reactions." Proceedings of the IEEE International Conference on Communications 2018, Kansas City, MO. Ed. IEEE. Kansas City, MO: n.p., Web. *

Published Conference Proceedings: Kotak, Chanvi, Brian Tomaszewski, and Erik Golen. "3-1-1 Calls Hot Spot Analysis During Hurricane Harvey: Preliminary Results." Proceedings of the Proceedings of the 15th ISCRAM Conference – Rochester, NY, USA May 2018. Ed. Kees Boersma and Brian Tomaszewski. Rochester, NY: n.p., Web. «

Published Conference Proceedings: Kang, Jai W., et al. "IT Curriculum: Coping with Technology Trends & Industry Demands." Proceedings of the SIGITE'18, October 3-6, 2018, Fort Lauderdale, FL, USA. Ed. ACM. New York, NY: n.p., Web. «

Edward Holden, Associate Professor

Published Conference Proceedings: Kang, Jai W., et al. "IT Curriculum: Coping with Technology Trends & Industry Demands." Proceedings of the SIGITE '18, October 3–6, 2018, Fort Lauderdale, FL, USA. Ed. ACM. Fort Lauderdale, FL, USA, FL: n.p., 2018. Web. *

Matt Huenerfauth, Professor

National/International Competition Award Winner: Huenerfauth, Matt. The 20th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS'18). Best Paper Award. Galway, Ireland, 2018. *

National/International Competition Award Winner: Huenerfauth, Matt. ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'18). Best Paper Honorable Mention. Montreal, Quebec, 2018. *

National/International Competition Award

Winner: Huenerfauth, Matt. Rochester Institute of Technology. Trustees Scholarship Award. Rochester, NY, 2018.

National/International Competition Award

Winner: Huenerfauth, Matt. B. Thomas Golisano College of Computing and Information Sciences (GCCIS). GCCIS Outstanding Scholar Award. Rochester, NY, 2018.

External Scholarly Fellowships/National Review Committee:

10/1/2018 -
9/30/2023

Department of Health and Human Services - Administration for Community Living - National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) - Disability and Rehabilitation Research Projects (DRRP) program

Amount: \$599,881

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External Scholarly Fellowships/National Review Committee:

8/1/2018 -
7/31/2021

National Science Foundation, Cyberlearning for Work at the Human-Technology Frontier Program

Amount: \$391,868

*

External Scholarly Fellowships/National Review Committee:

7/1/2018 -
6/30/2021

National Science Foundation, CISE Directorate, IIS Division, Cyber-Human Systems (CHS) Program

Amount: \$209,096

*

External Scholarly Fellowships/National Review Committee:

7/1/2018 -
6/30/2021

National Science Foundation
Amount: \$343,975

*

External Scholarly Fellowships/National Review Committee:

1/1/2016 -
12/31/2019

National Science Foundation

Amount: \$449,987

*

External Scholarly Fellowships/National Review Committee:

9/1/2018 -
8/31/2023

National Science Foundation Graduate Research Fellowship (NSF-GRF)

Amount: \$138,000

*

Published Conference Proceedings: Al-khazraji, Sedeeq, et al. "Modeling the Speed and Timing of American Sign Language to Generate Realistic Animations." Proceedings of the Proceedings of the 20th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '18), Galway, Ireland, October 2018. Ed. David Flatla, Joanna McGrenere. New York, NY: ACM, 2018. Web. «

Published Conference Proceedings: Seita, Matthew, et al. "Behavioral Changes in Speakers who are Automatically Captioned in Meetings with Deaf or Hard-of-Hearing Peers." Proceedings of the Proceedings of the 20th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '18), Galway, Ireland, October 2018. Ed. David Flatla, Joanna McGrenere. New York, NY: ACM, 2018. Web. «

Published Conference Proceedings: Ye, Yuancheng, et al. "Recognizing American Sign Language Gestures from within Continuous Videos." Proceedings of the Proceedings of the 8th IEEE International Workshop on Analysis and Modeling of Faces and Gestures (AMFG), The IEEE Conference on Computer Vision and Pattern Recognition (CVPR) Workshops. Ed. N/A. New York, NY: IEEE, 2018. Web. «

Published Conference Proceedings: Berke, Larwan, Sushant Kafle, and Matt Huenerfauth. "Methods for Evaluation of Imperfect Captioning Tools by Deaf or Hard-of-Hearing Users at Different Reading Literacy Levels." Proceedings of the Proceedings of the 2018 ACM Conference on Human Factors in Computing Systems (CHI'18). Ed. N/A. New York, NY: ACM, 2018. Web. *

Published Conference Proceedings: Ludi, Stephanie, et al. "Teaching Inclusive Thinking to Undergraduate Students in Computing Programs." Proceedings of the Proceedings of the 2018 ACM SIGCSE Technical Symposium on Computer Science Education (SIGCSE'18). Ed. N/A. New York, NY: ACM, 2018. Web. «

Published Conference Proceedings: Kafle, Sushant and Matt Huenerfauth. "A Corpus for Modeling Word Importance in Spoken Dialogue Transcripts." Proceedings of the Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC 2018), Miyazaki, Japan. Ed. N/A. Paris, France: ELRA, 2018. Web. «

Published Conference Proceedings: Al-khazraji, Sedeeq, Sushant Kafle, and Matt Huenerfauth. "Modeling and Predicting the Location of Pauses for the Generation of Animations of American Sign Language." Proceedings of the Proceedings of the 8th Workshop on the Representation and Processing of Sign Languages: Involving the Language Community, The 11th International Conference on Language Resources and Evaluation (LREC 2018), Miyazaki, Japan. Ed. N/A. Paris, France: ELRA, 2018. Web. «

Book Chapter: Hariharan, Dhananjai, Sedeeq Al-khazraji, and Matt Huenerfauth. "Evaluation of an English word look-up tool for web-browsing with sign language video for Deaf Readers." Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics). Ed. M. Antona and C. Stephanidis. Berlin, Germany: Springer, 2018. 205-215. Print. «

Journal Paper: Gohel, Jigar, Sedeeq Al-khazraji, and Matt Huenerfauth. "Modeling the Use of Space for Pointing in American Sign Language Animation." Journal on Technology and Persons with Disabilities 6. (2018): 95-102. Web. *

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. ACM Transactions on Accessible Computing (TACCESS) journal, Volume 11, Issue 4 (November 2018). New York: ACM, 2018. Print. «

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. Special Issue on Fabrication Technologies and Do-It-Yourself Accessibility and Regular Papers, ACM Transactions on Accessible Computing (TACCESS) journal, Volume 11, Issue 3 (October 2018). New York: ACM, 2018. Print. «

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. ACM Transactions on Accessible Computing (TACCESS) journal, Volume 11, Issue 2 (June 2018). New York: ACM, 2018. Print. «

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. ACM Transactions on Accessible Computing (TACCESS) journal, Volume 11, Issue 1 (April 2018). New York: ACM, 2018. Print. «

Jai W Kang, Associate Professor

Published Conference Proceedings: Kang, Jai W., et al. "IT Curriculum: Coping with Technology Trends & Industry Demands." Proceedings of the SIGITE '18 The 19th Annual SIG Conference on Information Technology Education , October 3–6, 2018, Fort Lauderdale, FL, USA. Ed. Bryan S. Goda and Dan Bogaard. New York, NY: ACM, Web. «

Tae Oh, Associate Professor

Journal Paper: Jeong, Jaehoon, et al. "STMAC: Spatio-Temporal Coordination-Based MAC Protocol for Driving Safety in Urban Vehicular Networks." IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS 19. 5 (2018): 1520-1536. Print. *

Published Conference Proceedings: Seralathan, Yogeesh, et al. "IoT Security Vulnerability: A Case Study of a Web Camera." Proceedings of the IEEE 20th International Conference on Advanced Communication Technology (ICACT). Ed. IEEE. Chuncheon-si, Gangwon-do: IEEE, 2018. Print. *

Published Conference Proceedings: Myers, Jonathan, et al. "Dynamic Internet of Things Malware Detection Using Machine Learning." Proceedings of the IEEE International Conference on Software Security and Assurance. Ed. IEEE. Seoul, Korea, Korea: IEEE, 2018. Print. *

Peer Reviewed/Juried Poster Presentation: Myers, Jonathan and Tae Oh. "IoT Malware Detection with Machine Learning." Proceedings of the B-Side. Ed. B-Side. Rochester, NY: n.p.. ~

Invited Article/Publication: Jeong, Jae, et al. "IP Based Vehicular Networking: Use Cases, Survey and Problem Statement." Internet Engineering Task Force (IETF). (2018). Print. ~

Peer Reviewed/Juried Poster Presentation: Oh, Tae. "IoT Solutions using Artificial Intelligence." Proceedings of the 2018 Global Cooperation: The Fast Track to Smart Future. Ed. KAIT. Seoul, Korea: n.p.. ~

Invited Keynote/Presentation: Oh, Tae. "IoT Malware Detection and Vehicular Area Network Security." KOCSEA 2018. KOCSEA. Los Angeles, CA. 18 Nov. 2018. Conference Presentation. ~

Invited Keynote/Presentation: Oh, Tae. "Digital Technologies: Current and Future Trends, Applications and Opportunities." UKC 2018. KSEA. New York, New York. 12 Aug. 2018. Keynote Speech. ~

Invited Article/Publication: Oh, Tae. "Spam Robocalls: How Can You Stop Them?" WHEC Channel 10. (2018). Web.

Kristen Shinohara, Assistant Professor

Journal Paper: Shinohara, Kristen, et al. "Tenets for Social Accessibility: Towards Humanizing Disabled People in Design." Transactions in Accessible Computing 11. 1 (2018): 31 pages. Print. £

Published Conference Proceedings: Shinohara, Kristen, et al. "Who Teaches Accessibility? A Survey of U.S. Computing Faculty." Proceedings of the ACM SIGCSE Technical Symposium on Computer Science Education. Ed. ACM. New York, NY: ACM, Print. «

Published Conference Proceedings: Shinohara, Kristen, Jacob O. Wobbrock, and Wanda Pratt. "Incorporating Social Factors in Accessible Design." Proceedings of the SIGACCESS Conference on Computers and Accessibility. Ed. ACM. New York, NY: ACM, Print. «

Brian Tomaszewski, Associate Professor

Journal Editor: Boersma, Kees and Brian Tomaszewski, ed. Conference Proceedings: 15th International Conference on Information Systems for Crisis Response and Management (ISCRAM 2018). Rochester, NY USA: n.p., 2018. Web. «

Published Conference Proceedings: Kotak, Chanvi Kiran, Erik Golen, and Brian Tomaszewski. "3-1-1 Calls Hot Spot Analysis During Hurricane Harvey: Preliminary Results." Proceedings of the 15th International Conference on Information Systems for Crisis Response and Management (ISCRAM). Ed. Kees Boersma and Brian Tomaszewski. Rochester, New York: n.p., 2018. Web. «

Journal Paper: Leader, Alexandra, et al. "The Consequences of Electronic Waste Post-Disaster: A Case Study of Flooding in Bonn, Germany." Sustainability 10. 11 (2018): 4193. Web. «

Published Conference Proceedings: Ruggero, Tayler and Brian Tomaszewski. "Geographic Information Capacity (GIC) Across International Scales: Comparing Institutional Structures of Germany to the United States." Proceedings of the Association of American Geographers Annual Conference. Ed. AAG. New Orleans, Louisiana: n.p., 2018. Web.

Published Conference Proceedings: Ruggero, Tayler and Brian Tomaszewski. "Geographic Information Capacity (GIC) Across International Scales: Comparing Institutional Structures of Germany to the United States." Proceedings of the 15th International Conference on Information Systems for Crisis Response and Management. Ed. Kees Boersma and Brian Tomaszewski. Rochester, New York: n.p., 2018. Web. *

Published Conference Proceedings: Sutherby, Zach and Brian Tomaszewski. "Conceptualizing the Role Geographic Information Capacity has on Quantifying Ecosystem Services under the Framework of Ecological Disaster Risk Reduction (EcoDRR)." Proceedings of the Association of American Geographers Annual Conference. Ed. AAG. New Orleans, Louisiana: n.p., 2018. Web.

Published Conference Proceedings: Sutherby, Zach and Brian Tomaszewski. "Conceptualizing the Role Geographic Information Capacity has on Quantifying Ecosystem Services under the Framework of Ecological Disaster Risk Reduction (EcoDRR)." Proceedings of the 15th International Conference on Information Systems for Crisis Response and Management. Ed. Kees Boersma and Brian Tomaszewski. Rochester, New York: n.p., 2018. Web. «

Book Chapter: Tomaszewski, Brian. "Geographic Information Systems (GIS) and Displacement." ICTs for Refugees and Displacement. Ed. Carleen Maitland. Cambridge, MA: MIT Press, 2018. 165-184. Print. ~

Published Conference Proceedings: Tomaszewski, Brian. "Enabling International Geographic Information Science and Technology Disaster Management Research and Education: Lessons and Experiences." Proceedings of the Association of American Geographers Annual Conference. Ed. AAG. New Orleans, LA: n.p., 2018. Web.

Invited Article/Publication: Tomaszewski, Brian. "I Teach Refugees to Map Their World." The Conversation. (2018). Web.

Book Chapter: Tomaszewski, Brian, et al. "GIS and Serious Games." Comprehensive Geographic Information Systems. Ed. Thomas J. Cova and Ming-Hsiang Tsou. Unknown, Unknown: Elsevier, 2018. 369-383. Print. £

Published Conference Proceedings: Tomaszewski, Brian, Anthony Vodacek, and Gaspard Rwanyiziri. "Innovation for Education, Spatial Thinking and GeoICT: A Rwandan Case Study." Proceedings of the 8th annual IEEE Global Humanitarian Technology Conference (GHTC). Ed. Paul Cunningham. San Jose, CA: IEEE, 2018. Web. *

Published Conference Proceedings: Vishwanath, Varsha Hassan and Brian Tomaszewski. "Flood Hazard, Vulnerability, Risk Assessment for Uttarakhand State in India." Proceedings of the 15th International Conference on Information Systems for Crisis Response and Management (ISCRAM). Ed. Kees Boersma and Brian Tomaszewski. Rochester, NY: n.p., 2018. Web. «

External Scholarly Fellowships/National Review Committee:

1/5/2018 -

1/7/2018

National Science Foundation (NSF) Directorate for Social, Behavioral & Economic Sciences (SBE)

Amount: 1000

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External Scholarly Fellowships/National Review Committee:

5/5/2018 -

11/25/2018

National Science Foundation (NSF) Office of International Science and Engineering (OISE)

Amount: 1000

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Invited Keynote/Presentation: Tomaszewski, Brian. "Research Methods in Geographic Information Systems for Disaster Response." University Seminar. Columbia University Global Mental Health Program. New York, NY. 28 Nov. 2018. Keynote Speech.

Invited Keynote/Presentation: Tomaszewski, Brian. "From Rochester to Rwanda: Enabling GIS Around the World." 27th annual Geographic Information Sharing Special Interest Group (GIS/SIG) conference. Geographic Information Sharing Special Interest Group (GIS/SIG). Pittsford, NY. 15 Apr. 2018. Keynote Speech.

Ronald P Vullo, Associate Professor

Published Conference Proceedings: Ph.D., Ronald P. Vullo, and Michelle A. Catalfamo B.S. "DIY Augmented Reality: Two Possible Approaches." Proceedings of the International Conference on Internet Computing and Internet of Things. Ed. Hamid R. Arabnia, Leonidas Deligiannidis, and Fernando G. Tinetti. Las Vegas, NV: CSREA Press, 2018. Print. *

Qi Yu, Associate Professor

Published Conference Proceedings: Shi, Weishi and Qi Yu. "An Efficient Many-Class Active Learning Framework for Knowledge-Rich Domains." Proceedings of the IEEE International Conference on Data Mining. Ed. Dacheng Tao and Bhavani Thuraisingham. New York, NY: IEEE, Web. «

Journal Paper: Wang, Hongbing, et al. "Effective BigData-Space Service Selection over Trust and Heterogeneous QoS Preferences." IEEE Transactions on Services Computing 11. 4 (2018): 644-657. Print. *

Journal Paper: Liu, Xumin, et al. "Log Sequence Clustering for Workflow Mining in Multi-workflow Systems." Data & Knowledge Engineering 117. (2018): 1-17. Print. *

Journal Paper: Zheng, Ervine, et al. "Tag-aware Dynamic Music Recommendation." Expert System with Applications 106. (2018): 244-251. Print. *

Journal Paper: Wang, Hongbing, et al. "Incorporating Both Qualitative and Quantitative Preferences for Service Recommendation." Journal of Parallel Distributed Computing 114. (2018): 46-69. Print. *

Journal Paper: Wang, Hongbing, et al. "A Proactive Approach Based on Online Reliability Prediction for Adaptation of Service-oriented Systems." Journal of Parallel Distributed Computing 114. (2018): 70-84. Print. *

Journal Paper: Wang, Hongbing, et al. "Integrating Modified Cuckoo Algorithm and Creditability Evaluation for QoS-aware Service Composition." Knowledge-Based Systems 140. (2018): 64-81. Print. *

Journal Paper: Wang, Hongbing, et al. "Online Reliability Time Series Prediction via Convolutional Neural Network and Long Short Term Memory for Service-oriented Systems." Knowledge-Based Systems 159. (2018): 132-147. Print. *

Published Conference Proceedings: Kang, Jai W., et al. "IT Curriculum: Coping with Technology Trends & Industry Demands." Proceedings of the Proceedings of the Proceedings of the 19th Annual Conference on Information Technology Education. Ed. Thomas Ayers and Daniel Bogaard. New York, NY: ACM, Print. *

Published Conference Proceedings: Obot, Nse, et al. "From Novice to Expert Narratives of Dermatological Disease." Proceedings of the PerCom Workshops. Ed. Daniele Riboni and Petteri Nurmi. New York, NY: IEEE, Print. *

Full Length Book: Pahl, Claus, et al. Service-Oriented Computing - 16th International Conference, ICSOC 2018, Hangzhou, China, November 12-15, 2018, Proceedings. 16 ed. Berlin, Germany: Springer, 2018. Web.

External Scholarly Fellowships/National Review Committee:

7/15/2018 -

6/30/2021

National Science Foundation

Amount: 497,423

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External Scholarly Fellowships/National Review Committee:

10/1/2018 -

9/30/2022

Office of Naval Research

Amount: 1,586,800

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Steve Zilora, Professor

Published Conference Proceedings: Zilora, Stephen J, Martin Zagar, and Ali Raza. "Communication Challenges in International Education." Proceedings of the IEEE Educon 2018. Ed. IEEE. Santa Cruz de Tenerife, Canary Islands, Spain: n.p., 2018. Print. «

Journal Paper: Zheng, Ervine, et al. "Tag-aware Dynamic Music Recommendation." Expert System with Applications 106. (2018): 244-251. Print. «

PhD Program

Yu Kong, Assistant Professor

Journal Paper: Kong, Yu, Zhiqiang Tao, and Yun Fu. "Adversarial Action Prediction Networks." IEEE Transactions on Pattern Analysis and Machine Intelligence. (2018): 1-1. Web. *

Published Conference Proceedings: Sun, Gan, et al. "Clustered Lifelong Learning via Representative Task Selection." Proceedings of the 2018 IEEE International Conference on Data Mining. Ed. n/a. n/a, n/a: n.p., Web. *

Rui Li, Assistant Professor

Published Conference Proceedings: Li, Rui, et al. "Sparse Covariance Modeling of Gene Regulatory Networks with Gaussian Processes." Proceedings of the NeurIPS. Ed. NeurIPS. Montreal, QC: n.p., 2018. Web. «

Published Conference Proceedings: KC, Kishan, et al. "Learning Topology-preserving Embedding for Gene Interaction Networks." Proceedings of the European Conference on Computational Biology. Ed. ECCB. Athens, Greece: n.p., 2018. Web. «

Linwei Wang, Associate Professor

Journal Paper: Alawad, Mohammed and Linwei Wang. "Learning Domain Shift in Simulated and Clinical Data: Localizing the Origin of Ventricular Activation from 12-lead Electrocardiograms." IEEE Transactions on Medical Imaging. (2018): DOI: 10.1109/TMI.2018.2880092 [Epub ahead of print]. Web. *

Journal Paper: Dhamala, Jwala, et al. "Quantifying the Uncertainty in Model Parameters Using Gaussian Process-Based Markov Chain Monte Carlo in Cardiac Electrophysiology." Medical Image Analysis 48. (2018): 43-57. Print. *

Journal Paper: Wang, Linwei, et al. "Noninvasive Epicardial and Endocardial Electrocardiographic Imaging for Scar-related Ventricular Tachycardia." Europace 20. F12 (2018): f263-f272. Web. *

Journal Paper: Ghimire, Sandesh, et al. "Generative Modeling and Inverse Imaging of Cardiac Transmembrane Potential." Medical Image Computing and Computer-Assisted Intervention. (2018): 508-516. Web. «

Journal Paper: Dhamala, Jwala, et al. "High-dimensional Bayesian Optimization of Personalized Cardiac Model Parameters via an Embedded Generative Model." Medical Image Computing and Computer-Assisted Intervention. (2018): 499-507. Web. «

Journal Paper: Alawad, Mohammed and Linwei Wang. "Leveraging Simulation Data for Learning a Patient-specific Model to Localize the Origin of Ventricular Activation." IEEE International Symposium on Biomedical Imaging. (2018): 1318-1322. Web. *

Journal Paper: Gyawali, Prashna, et al. "Learning Disentangled Representation from 12-lead Electrocardiograms: Application in Localizing the Origin of Ventricular Tachycardia." AAAI Workshop on Health Intelligence,. (2018): 443-450. Web. «

Journal Paper: Medina, Rebecca, et al. "Sensing Behaviors of Students in Online vs. Face-to-face Lecturing Contexts." IEEE Pervasive Computing Workshop. (2018): 77-82. Web. «

Journal Paper: Coll-Font, Jaume, Linwei Wang, and Dana Brooks. "A Common-ground Review of the Potential for Machine Learning Approaches in Electrocardiographic Imaging Based on Probabilistic Graphical Models." Computing in Cardiology. (2018): in press. Web. *

Journal Paper: Gharbia, Omar A, et al. "Noninvasive Electrocardiographic Imaging of Scar-related Ventricular Tachycardia: Association with Magnetic Resonance Imaging, Computing in Cardiology." Computing in Cardiology. (2018): in press. Web. *

Journal Paper: Ghimire, Sandesh and Linwei Wang. "Deep Generative Modeling and Analysis of Cardiac Transmembrane Potential." Computing in Cardiology. (2018): in press. Web. *

Invited Keynote/Presentation: Wang, Linwei. "Active Surrogate Modeling for Uncertainty Quantification in Personalized Models." Distinguished seminar series. University of Utah. Salt Lake City, Utah. 26 Oct. 2018. Lecture.

Invited Keynote/Presentation: Wang, Linwei. "High-dimensional Bayesian Active Learning for Personalized Modeling." Western New York Image and Signal Processing Workshop. Rochester Institute of Technology. Rochester, New York. 5 Oct. 2018. Keynote Speech.

Invited Keynote/Presentation: Wang, Linwei. "Active Surrogate Modeling for Uncertainty Quantification in Personalized Models." RIT Center for Imaging Science Seminar. Rochester Institute of Technology. Rochester, New York. 5 Sep. 2018. Lecture.

Journal Editor: Wang, Linwei, ed. *Frontiers in Physiology*. NA: n.p., 2018. Web.

School of Interactive Games and Media

Christopher Egert, Associate Professor

Published Conference Proceedings: Phelps, Andrew, Mia Consalvo, and Christopher Egert. "Development Streaming as a Pedagogical and Community Strategy for Games Education." Proceedings of the CHIPLAY 2018 Workshop Proceedings: Workshop on New Research Perspectives on Game Design and Development Education. Ed. Peter Wyeth, et al. Melbourne, Australia: ACM, 2018. Web. *

Owen A Gottlieb, Assistant Professor

Shows/Exhibits/Installations: Gottlieb, Owen. Official Selection: Lost & Found. By Owen Gottlieb, Ian Schreiber, and Kelly Murdoch-Kitt. 22 Jul. 2018. Smithsonian American Art Museum (SAAM) Arcade, Washington, D.C. Exhibit. £

National/International Competition Award Winner: Gottlieb, Owen, Ian Schreiber, and Kelly Murdoch-Kitt. International Meaningful Play Conference. Best Non-Digital Game. East Lansing, Michigan, 2018. £

Journal Paper: Gottlieb, Owen. "Replaying Maimonides\ Codes: Designing Games to Teach Religious Legal Systems." Teaching Theology and Religion 21. 4 (2018): 246-259. Print. «

Journal Paper: Gottlieb, Owen and Ian Schreiber. "Prosocial Religion and Games: Lost & Found." Well Played: A Journal on Video Games, Value, and Meaning 7. 2 (2018): 17-41. Print. *

Invited Keynote/Presentation: Gottlieb, Owen. "We Demand Games! Using Print-on-Demand for Prototyping and Fast-to-Market Paths in Game Design Research." Game Developers Conference. GCD. San Francisco, CA. 19 Mar. 2018. Conference Presentation. £

Invited Keynote/Presentation: Gottlieb, Owen. "Design-Based Research, Design Cases, and Games for Learning." Games as Research Symposium. TAG: Technoculture, Art and Games Ce. Montreal, Canada. 20 Apr. 2018. Conference Presentation. Δ

National/International Competition Award

Winner: Gottlieb, Owen, Ian Schreiber, and Kelly Murdoch-Kitt. International Serious Play Awards. Bronze Medal (NY exhibition). Buffalo, New York, 2018. £

National/International Competition Award

Winner: Gottlieb, Owen, Ian Schreiber, and Kelly Murdoch-Kitt. International Serious Play Awards. Bronze Medal (DC Exhibition). Washington, DC, 2018. £

Invited Keynote/Presentation: Gottlieb, Owen, et al. "Chronic Pain and Disability: Games to Transform Care." International Serious Play Conference. George Mason University. Manassas, VA. 12 Jul. 2018. Conference Presentation. Δ

Book Chapter: Gottlieb, Owen. "Your iPhone Cannot Escape History, and Neither Can You: Self-Reflexive Design for a Mobile History Learning Game." Mobile Learning: Perspectives on Practice and Policy. Ed. Danielle Herro, et al. Charlotte, North Carolina: Information Age Publishing, 2018. 247-264. Print. «

Journal Paper: Gottlieb, Owen. "Time Travel, Labour History, and the Null Curriculum: New Design Knowledge for Mobile Augmented Reality History Games." International Journal of Heritage Studies 24. 3 (2018): 287-299. Print. «

Shows/Exhibits/Installations: Gottlieb, Owen. Tech Showcase of Connected Learning Summit: Lost & Found; Lost & Found: Order in the Court. By Ian Schreiber and Kelly Murdoch-Kitt. 1 Aug. 2018. MIT, Cambridge, MA. Exhibit. £

Invited Keynote/Presentation: Gottlieb, Owen. "Mining Bar Mitzvah: Cultivating Jewish Connections with Digital Media." Conference on Religion, Media, and Public Scholarship. International Society for Media, Religion, and Culture (ISMRC). Boulder, CO. 8 Aug. 2018. Conference Presentation. £

Shows/Exhibits/Installations: Gottlieb, Owen. Selected Game: Lost & Found. Boston Festival of Independent Games (FIG). By Ian Schreiber and Kelly Murdoch-Kitt. 29 Sep. 2018. MIT, Cambridge, MA. Exhibit. £

Invited Keynote/Presentation: Gottlieb, Owen. "Lost & Found - Collaboration and Competition in Religious Law in 12th Century North Africa." NASAGA 2018 North American Simulation and Gaming Association. NASAGA. Rochester, NY. 15 Nov. 2018. Conference Presentation. £

Invited Keynote/Presentation: Gottlieb, Owen. "Invited Panelist - ESports Convening." ESports Convening. Foundation for Jewish Camp and 4G44. New York, NY. 3 Dec. 2018. Address.

Invited Keynote/Presentation: Gottlieb, Owen. "Stories Guiding Play, Play Building Stories: Games for Learning and Engaged Storycraft." SLSA 2018 Society for Literature, Science, and the Arts. SLSA. Toronto, CA. 15 Nov. 2018. Conference Presentation. £

Jay Alan Jackson, Associate Professor

Invited Keynote/Presentation: Jackson, Jay Alan and Enan Munzar. "The Caribbean Trapezoid: Computational Thinking via Mixed-Reality Sci-Fi." Wolfram Technology Conference. Wolfram Research. Champaign, IL. 18 Oct. 2018. Conference Presentation. ~

Invited Keynote/Presentation: Ganapathiraju, Ashwin and Jay Alan Jackson. "The Caribbean Trapezoid: Wrangling 3D Sea Turtle Graphics with UnityLink." Wolfram Technology Conference 2018. Wolfram Research. Champaign, IL. 18 Oct. 2018. Conference Presentation. ~

Stephen Jacobs, Professor

Full Patent: Sugarman, Laurence I., Brian L. Garrison, and Stephen Jacobs. "System and Method for Feedback of Dynamically Weighted Values." U.S. Patent 10,085,690. 2 Oct. 2018.

Software Engineering

Travis J Desell, Associate Professor

Journal Paper: Desell, Travis. "Accelerating the Evolution of Convolutional Neural Networks with Node-Level Mutations and Epigenetic Weight Initialization." *arXiv Neural and Evolutionary Computing (cs.NE)*. (2018): 20. Web. *

Journal Paper: Weiss, Jake, et al. "Fitting the Density Substructure of the Stellar Halo with MilkyWay@home." *The Astrophysical Journal: Supplement Series* 238. 2 (2018): 17. Web. *

Yasmine Elglaly, Lecturer

Published Conference Proceedings: Pandya, Shraddha and Yasmine N. El-Glaly. "TapTag: Assistive Gestural Interactions in Social Media on Touchscreens for Older Adults." *Proceedings of the ICMI '18 Proceedings of the 20th ACM International Conference on Multimodal Interaction*. Ed. ACM. Boulder, CO: n.p., Web. «

Journal Paper: El-Glaly, Yasmine N., et al. "Apps for everyone: mobile accessibility learning modules." *ACM Inroads* 9. 2 (2018): 30-33. Web. «

Published Conference Proceedings: Ballantyne, Mars, et al. "Study of Accessibility Guidelines of Mobile Applications." *Proceedings of the Proceedings of the 17th International Conference on Mobile and Ubiquitous Multimedia*. Ed. ACM. Cairo, Egypt: n.p., Web. *

Samuel A Malachowsky, Senior Lecturer

Full Length Book: Malachowsky, Samuel. *Project Team Leadership and Communication*. 1st ed. Rochester, NY: Lintwood Press, 2018. Print.

Mohamed Wiem Mkaouer, Assistant Professor

Published Conference Proceedings: D, Newman, Christian, et al. "A Study on Developer Perception of Transformation Languages for Refactoring." *Proceedings of the the 2nd International Workshop on Refactoring*. Ed. ACM. France, Montpellier: ACM, 2018. Web. *

Published Conference Proceedings: Newman, Peruma, Anthony, Mohamed Wiem Mkaouer, Michael J. Decker, and Christian D. "An Empirical Investigation of How and Why Developers Rename Identifiers." *Proceedings of the the 2nd International Workshop on Refactoring*. Ed. ACM. France, Montpellier: ACM, 2018. Web. *

Journal Paper: Cai, Alizadeh, Vahid, Marouane Kessentini, Wiem Mkaouer, Mel Ocinneide, Ali Ouni, and Yuanfang. "An Interactive and Dynamic Search-Based Approach to Software Refactoring Recommendations." *IEEE Transactions on Software Engineering*. (2018): 1-30. Web. «

Published Conference Proceedings: Alrubaye, Hussein and Mohamed Wiem Mkaouer. "Automating the Detection of Third-party Java Library Migration at the Function Level." *Proceedings of the Alrubaye, Hussein, and Mohamed Wiem Mkaouer. "Automating the detection of third-party Java library migration at the function level."* *Proceedings of the 28th Annual International Conference on Computer Science and Software Engineering*. Ed. IBM Corp. Toronto, Ontario: n.p., 2018. Web. «

Pradeep Murukannaiah, Assistant Professor

Published Conference Proceedings: Dhinakaran, Venkatesh T., et al. "App Review Analysis via Active Learning: Reducing Supervision Effort Without Compromising Classification Accuracy." *Proceedings of the 26th IEEE International Requirements Engineering Conference*. Ed. NA. Banff, Canada: n.p., 2018. Web. «

Published Conference Proceedings: Ajmeri, Nirav, et al. "Robust Norm Emergence by Revealing and Reasoning about Context: Socially Intelligent Agents for Enhancing Privacy." *Proceedings of the 27th International Joint Conference on Artificial Intelligence*. Ed. NA. Stockholm, Sweden: n.p., 2018. Web. «

Published Conference Proceedings: Meyers, Benjamin S., et al. "A Dataset for Identifying Actionable Feedback in Collaborative Software Development." Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics. Ed. NA. Melbourne, Australia: n.p., 2018. Web. «

Invited Article/Publication: Ajmeri, Nirav, et al. "Designing Ethical Personal Agents." IEEE Internet Computing, 22, (2), pages 16–22. (2018). Print. Δ

Published Conference Proceedings: Kanchev, Georgi M., Pradeep K. Murukannaiah, and Amit K. Chopra. "Crowd-informed goal models." Proceedings of the Fifth International Workshop on Artificial Intelligence for Requirements Engineering. Ed. NA. Banff, Canada: n.p., 2018. Web. *

Christian D Newman, Assistant Professor

Published Conference Proceedings: Delozier, Gregory S, et al. "Leveraging the Agile Development Process for Selecting Invoking/Excluding Tests to Support Feature Location." Proceedings of the Proceedings of the 26th Conference on Program Comprehension. Ed. IEEE. New York, NY: ACM, Web. «

Published Conference Proceedings: Newman, Christian Donald, et al. "A Study on Developer Perception of Transformation Languages for Refactoring." Proceedings of the Proceedings of the 2nd International Workshop on Refactoring. Ed. IEEE. New York, NY: ACM, Web. *

Published Conference Proceedings: Peruma, Anthony, et al. "An Empirical Investigation of How and Why Developers Rename Identifiers." Proceedings of the Proceedings of the 2nd International Workshop on Refactoring. Ed. IEEE. New York, NY: ACM, Web. *

Published Conference Proceedings: Decker, Michael J, et al. "Which Method-Stereotype Changes are Indicators of Code Smells?" Proceedings of the IEEE 18th International Working Conference on Source Code Analysis and Manipulation (SCAM). Ed. IEEE. Piscataway, New Jersey: IEEE, Web. *

Published Conference Proceedings: Decker, Michael J, et al. "Poster: A Taxonomy of how Method Stereotypes Change." Proceedings of the Proceedings of the 40th International Conference on Software Engineering: Companion Proceedings. Ed. ACM. New York, NY: ACM, Web. «

Published Conference Proceedings: Decker, Michael J, et al. "A Timeline Summarization of Code Changes." Proceedings of the 2018 IEEE Third International Workshop on Dynamic Software Documentation. Ed. IEEE. Piscataway, NJ: IEEE, Web. *

Published Conference Proceedings: Newman, Christian Donald, et al. "Automatically Generating Natural Language Documentation for Methods." Proceedings of the 2018 IEEE Third International Workshop on Dynamic Software Documentation. Ed. IEEE. Piscataway, NJ: n.p., Web. *

Published Conference Proceedings: Guarnera, Drew T, et al. "Automatically Redocumenting Source Code with Method and Class Stereotypes." Proceedings of the 2018 IEEE Third International Workshop on Dynamic Software Documentation. Ed. IEEE. Piscataway, NJ: n.p., Web. *

Art and Design

School for American Crafts

Juan Carlos Caballero-Perez, Professor

Shows/Exhibits/Installations: Caballero-Perez, Juan Carlos. The Bracelet Invitational. 2018. Kathleen Sommers Gallery, San Antonio, TX. Exhibit.

Shows/Exhibits/Installations: Caballero-Perez, Juan Carlos. An Artist's Affair. 2018. Memorial Art Gallery, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Caballero-Perez, Juan Carlos. REFINED. 2018. Reavley Gallery in the Cole Art Center, Stephen F. Austin State University, Nacogdoches, TX. Exhibit.

Shows/Exhibits/Installations: Caballero-Perez, Juan Carlos. Cultivating Connections. 2018. RIT/NTID Dyer Art Center, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Caballero-Perez, Juan Carlos. Spoon. 2018. East Carolina University, School of Art and Design, Greenville, NC. Exhibit.

Shows/Exhibits/Installations: Caballero-Perez, Juan Carlos. faculty Exhibition. 2018. Bevier Gallery, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Caballero-Perez, Juan Carlos. Untitled. 2018. Rowan College at Burlington County, Pemberton, NJ. Installation.

Peter J Pincus, Assistant Professor

Shows/Exhibits/Installations: Pincus, Peter. New York Ceramics and Glass Fair. 18-21 Dec. 2018. Bohemian National Hall, New York, NY. Exhibit.

Invited Keynote/Presentation: Pincus, Peter. "Channeling Josiah Wedgwood." New York Ceramics and Glass Fair. NYSGF. New York, NY. 19 Jan. 2018. Lecture. Δ

Shows/Exhibits/Installations: Pincus, Peter. Form To Function II. 2 Feb. 2018. The Delaware Contemporary, Wilmington, DE. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. Crazy Beautiful. 8 Jun. 2018. Kenise Barnes Fine Art, Larchmont, NY. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. Vasa Vasorum. 8 Jun. 2018. Peter's Projects, Santa Fe, NM. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. The Diana Reitberger Collection. 29 Aug. 2018. Gardiner Museum, Toronto, Canada. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. Peter Pincus: Color and Form. 30 Aug. 2018. Baum Gallery, Conway, AR. Exhibit.

Invited Keynote/Presentation: Pincus, Peter. "Plaster prototyping." Summer Workshop Series. Archie Bray Foundation. Helena, MT. 10 Jun. 2018. Conference Presentation.

Invited Keynote/Presentation: Pincus, Peter. "Guest Artist Lecture Series." Archie Bray Foundation. Archie Bray Foundation. Helena, MT. 13 Jun. 2018. Lecture.

Shows/Exhibits/Installations: Pincus, Peter. ART SHINAN 2018 International Ceramics. 21 Sep. 2018. Qingdao Art Museum, Qingdao, China. Exhibit.

Invited Keynote/Presentation: Pincus, Peter. "Channeling Josiah Wedgwood." Flower City Pottery Invitational. Flower City Art Center. Rochester, NY. 11 Oct. 2018. Lecture.

Shows/Exhibits/Installations: Pincus, Peter. Flower City Pottery Invitational. 12 Oct. 2018. Flower City Art Center, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. Peter Pincus: Channelling Josiah Wedgwood. 10 Nov. 2018. Ferrin Contemporary, North Adams, MA. Exhibit.

Invited Keynote/Presentation: Pincus, Peter. "Channeling Josiah Wedgwood." Project Art Lecture Series. Project Art. Cummington, MA. 9 Nov. 2018. Lecture.

Shows/Exhibits/Installations: Pincus, Peter. Art Aspen - Represented by Duane Reed Gallery. 26 Jul. 2018. Aspen Ice Garden, Aspen, CO. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. Design Miami - Represented by Wexler Gallery. 4 Dec. 2018. Art Basel, Miami. Exhibit.

Museum Collection Acquisition: Pincus, Peter. A Sibling System. Colored porcelain, gold luster. Fuller Craft Museum. (2018).

School of Art

Michael Amy, Professor

Invited Article/Publication: Amy, Michaël. "Reflection." , Glass: The UrbanGlass Art Quarterly. (2018). Print. ^

Book Chapter: Amy, Michaël and Mark Gisbourne. "The Missing Are Presumed Dead." Olivier Masmonteil. s.l., s.l.: Blurb, 2018. pp.5-12. Print. ~

Book Chapter: Amy, Michaël. "An Architecture of Light." Michael Taylor: Traversing Parallels. Seattle, Washington: University of Washington Press, 2018. pp.99-105. Print. ~

Invited Article/Publication: Amy, Michaël. "Critical Thinking in Art." Critical Thinking to Making, 2018 Fram Signature Event, RIT College of Art and Design. (2018). Print. ~

Invited Keynote/Presentation: Amy, Michaël. "Paintings About Power." Talk given in the Department of Art and Art History. Gettysburg College. Gettysburg, PA. 2 Apr. 2018. Guest Lecture. Δ

Book Chapter: Amy, Michaël. "Horror and Hope." Lee Bul. Ed. Stephanie Rosenthal. London, Great Britain: Hayward Gallery Publishing, 2018. pp.137-140. Print. ~

Book Chapter: Amy, Michaël and Alex Miokovic. "Interiors." Nostalgia: A Guide to Collective Melancholie. Ed. Pavel Romaniko. Boston, MA: Pavel Romaniko, 2018. pp.5-10. Print. ~

Invited Article/Publication: Amy, Michaël. "Double-Takes: A Conversation with Alisa Baremboym." Sculpture. (2018). Print. ~

Invited Article/Publication: Amy, Michaël. "Forms of Proliferation: A Conversation with Sofi Žezmer." Sculpture. (2018). Print. ~

Eileen F Bushnell, Professor

Invited Paper: Bushnell, Eileen Feeney. "An exploration of biological and cultural paradigms through the use of microbes in printmaking." College Art Association. (2018). Print. Δ

Emily L Glass, Senior Lecturer

Shows/Exhibits/Installations: Glass, Emily. Invitational Solo Exhibition, "The Rotting and the Vibrant". Nov. 2018. Geisel Gallery, Legacy Tower, Rochester. Exhibit.

Mary E Golden, Assistant Professor

Published Conference Proceedings: Golden, Mary. "From Dormitory to Micro hotel: An Interior Design and Hospitality Program's Collaborative Efforts to Universally Redesign a College Campus Inn and Conference Center." Proceedings of the 2018 East Regional Conference IDEC. Ed. Mary Golden. Pittsburgh, PA: n.p., 2018. Print. «

Featured Faculty

DENIS DEFIBAUGH IS PROGRAM CHAIR AND PROFESSOR FOR THE ADVERTISING PHOTOGRAPHY PROGRAM IN THE SCHOOL OF PHOTOGRAPHIC ARTS AND SCIENCES IN CAD.

Professor Defibaugh has a Master of Science in Graphic Arts Publishing, Type & Design and a Bachelor of Science in Professional Photography, both from RIT. His professional background is in advertising photography where he began by producing studio and location photography in Atlanta, GA and Aspen, CO.

His current research involves his role as PI with the National Science Foundation awarded project Rockwell Kent and Early 1930's Greenland: A Comparative View of Environmental, and Social Cultural Change in Contemporary Greenland. This collaborative project combined visual, historical, and anthropological methodologies to approach social, cultural and environmental change in four Greenlandic communities of Ilorsuit, Sisimiut, Nuuk, and Uummannaq.

The research is inspired by the work of Rockwell Kent, an American artist and writer, who resided in Greenland in the early 1930s and produced photographs, art, and literature about his time in the country. Kent's rare historic lantern slides, not viewed in Greenland since their production, were displayed and discussed with community.

Workshops were held with students in each community, during which pupils were taught photographic techniques to produce and exhibit their own images. PI Defibaugh, Co-PIs Jette Rygaard, lecturer in Literature and Media at Ilisimatusarfik (University of Greenland), Axel Jeremiassen, PhD student at Ilisimatusarfik, and Susan Vanek, PhD student at Binghamton University produced in collaboration with Inuit natives the ethnographic study of still photographs and video interviews that introduced Inuit oral histories and contemporary experiences. The research provides an awareness into how communities in Greenland define themselves during a period of rapid social, cultural, and environmental change incurred by modernization efforts, political transitions, and economic shifts.

Traveling exhibitions and publications of Defibaugh's photographs and videos will be developed with the premiere exhibition titled North by Nuuk, Greenland After Kent opening at RIT's University Gallery in August of 2019.



DENIS DEFIBAUGH
PROFESSOR AND PROGRAM CHAIR, ADVERTISING PHOTOGRAPHY
COLLEGE OF ART AND DESIGN

PHOTO (RIGHT) BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Shows/Exhibits/Installations: O'Neill, M. Golden; M. Vlassis; C. Beckley; S. Schultz; S. ARCHIVO. 18 May 2018. Wanted Design: Terminal Stores, Manhattan, New York. Installation. £

Shows/Exhibits/Installations: Golden, M. RIT Hope for Honduras. 17 May 2018. Wanted Design: Industry City, Brooklyn New York. Installation. ≠

Elizabeth Kronfield, Professor

Shows/Exhibits/Installations: Kronfield, Elizabeth. ICCCIA Outdoor Sculpture Exhibition. 1 Jun. 2018. Confluence Sculpture Park, Scranton, PA. Exhibit. *

Shows/Exhibits/Installations: Kronfield, Elizabeth. Ferrous Wheel. 2 Jun. 2018. Mahady Gallery, Marywood University, Scranton, PA. Exhibit. Δ

Shows/Exhibits/Installations: Kronfield, Elizabeth. Liquid Earth. 20 May 2018. Hope Horn Gallery, University of Scranton, Scranton, PA. Exhibit. Δ

Published Conference Proceedings: Kronfield, Elizabeth. "Developing Safety Protocols with Universities." Proceedings of the The International Conference on Contemporary Cast Iron Art, Scranton, Pennsylvania. Ed. Jeremy Colbert. Scranton, PA: n.p., 2018. Web. Δ

Heidi Nickisher, Principal Lecturer

Invited Keynote/Presentation: Nickisher, Heidi C. "Fretting the Popular: A Design Story." Popular Culture/American Culture Association 2018 National Conference. PCA/ACA. Indianapolis, IN. 31 Mar. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Nickisher, Heidi C. "The Passion for Porcelain." New York Conference on Asian Studies (NYCAS): Innovation and Invention. NYCAS. Rochester, NY. 21 Sep. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Nickisher, Heidi C. "Fretting the Popular: A Design Story." Popular Culture/American Culture Association 2018 National Conference. PCA/ACA. Indianapolis, IN. 31 Mar. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Nickisher, Heidi C. "The Passion for Porcelain." New York Conference on Asian Studies (NYCAS): Innovation and Invention. NYCAS. Rochester, NY. 21 Sep. 2018. Conference Presentation. Δ

Lauren Ramich, Lecturer

Invited Keynote/Presentation: Ramich, Lauren Maines and Melanie Martinek. "Engaging Student Lesson Planning With Contextual Meaning." New York State Art Teachers Association. Rochester Institute of Technology. Buffalo, New York. 17 Nov. 2018. Conference Presentation.

David A Schnuckel, Assistant Professor

Shows/Exhibits/Installations: Schnuckel, David. Sound + Vision. 6 Apr. 2018. National Liberty Museum, Philadelphia, PA. Exhibit. £

Shows/Exhibits/Installations: Schnuckel, David. Momentum. 13 Sep. 2018. Secor Building, Toledo, OH. Exhibit. £

Shows/Exhibits/Installations: Schnuckel, David. Storytellers. 8 Jun. 2018. Morean Arts Center, St. Petersburg, FL. Exhibit. Δ

Shows/Exhibits/Installations: Schnuckel, David. RIT College of Art and Design Faculty Show. 6 Sep. 2018. William Harris Gallery, Rochester, NY. Exhibit. Δ

Invited Article/Publication: Schnuckel, David. "David Schnuckel." Momentum Exhibition Catalog. (2018). Web.

Invited Article/Publication: Schnuckel, David. "2018 Conference Spotlight." GASnews. (2018). Web. ~

Invited Article/Publication: Schnuckel, David. "Shades of Approach." GASnews. (2018). Web. ~

Invited Article/Publication: Schnuckel, David. "Pebbles in the Pond." GASnews. (2018). Web. ~

Full Length Book: Schnuckel, David, et al. Glassography: The Journal. Volume 1 ed. Rochester, NY: Lulu, 2018. Print.

Museum Collection Acquisition: Schnuckel, David. Glassography: The Journal. Printed Book. The Corning Museum of Glass (Rakow Research Library). (2018).

Museum Collection Acquisition: Schnuckel, David. Glassography: The Journal. Printed Book. Pilchuck Glass School. (2018).

Invited Keynote/Presentation: Schnuckel, David. "G L A S S O G R A P H Y." Session 3. Pilchuck Glass School. Stanwood, WA. 19 Jul. 2018. Lecture.

Invited Keynote/Presentation: Schnuckel, David. "Congruence." Visiting Artist. Cleveland Institute of Art. Cleveland, OH. 25 Apr. 2018. Lecture.

National/International Competition Award Winner: Schnuckel, David. The Arts Commission. 3rd Prize, Momentum Exhibition. Toledo, OH, 2018.

National/International Competition Award Winner: Schnuckel, David. The Arts Commission. The Libbey Purchase Prize. Toledo, OH, 2018.

Alan D Singer, Professor

Shows/Exhibits/Installations: Singer, Alan. Professor. 12 Jan. 2019. Axom Gallery, Rochester. Exhibit.

Shows/Exhibits/Installations: Singer, Alan. Professor. 1 Dec. 2018. Axom Gallery, Rochester. Exhibit.

Sarah E Thompson, Associate Professor

Book Chapter: Thompson, Sarah Elizabeth. "Building Brick City: The Design of RIT's Henrietta Campus." Transforming the Landscape: 50 years on the New RIT Campus. Ed. Becky Simmons. Rochester, NY: RIT Press, 2018. 1-13. Print. ~

Invited Keynote/Presentation: Thompson, Sarah. "Memory and Loss at Saint-Denis in the Age of Louis-Philippe." International Medieval Congress. University of Leeds. Leeds, UK, UK. 4 Jul. 2018. Conference Presentation. *

Invited Keynote/Presentation: Thompson, Sarah. "La réalité d'un chantier médiévale at Saint-Denis." Medieval Academy of America annual meeting. Medieval Academy of America. Atlanta, GA. 2 Mar. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Thompson, Sarah. "Locating Gothic in Étampes." Hamilton College. Hamilton College. Clinton, NY. 1 Feb. 2018. Guest Lecture. Δ

Amy L Williams, Senior Lecturer

Shows/Exhibits/Installations: McLaren, Amy. Works by Amy McLaren. May 2018. Magnolia Emporium, Charlotte. Exhibit.

School of Design

Deborah A Beardslee, Associate Professor

Invited Article/Publication: Beardslee, Deborah. "Graduated Skills: EGD Bridges & Progressions for Graphic Design Undergrads." SEGD.org. (2018). Web. Δ

Invited Keynote/Presentation: Beardslee, Deborah. "Graduated Skills: EGD Bridges & Progressions for Graphic Design Undergrads." Society for Experiential Graphic Design (SEGD) Academic Summit. SEGD. Minneapolis, MN. 6 Jun. 2018. Conference Presentation. Δ

Shaun C Foster, Associate Professor

Published Conference Proceedings: Foster, Shaun. "VR/AR/MR Technology, Strategic Design & Case Studies." Proceedings of the Frameless Labs. Ed. Frameless Labs. Rochester, NY: Frameless Labs, 2018. Web. *

Mary E Golden, Assistant Professor

Invited Keynote/Presentation: Golden, Mary. "RIT Hope for Honduras." □ Technology Engineering Week 2018 (UNICA Network), Universidad De Tecnológica. UTH. Tegucigalpa, Honduras. 28 Nov. 2018. Conference Presentation. Δ

Published Conference Proceedings: Golden, Mary and Jeff Smith. "A Radical Collaboration: Assimilating Fusion 360 and Revit to design a Neonatal Ambulance." Proceedings of the Autodesk University. Ed. Mary Golden. Las Vegas, Nevada: n.p., 2018. Web. «

Published Conference Proceedings: Golden, Mary. "A Tactile Approach to Designing Universal Kitchen Design." Proceedings of the Environmental Design Research Association. Ed. Mary Golden. Oklahoma City, New York: n.p., 2018. Print. «

Gary D Jacobs, Assistant Professor

Shows/Exhibits/Installations: Jacobs, Gary D. Airport Canopy. 2 Nov. 2018. Rochester International Airport, Rochester. Installation.

Alex Lobos, Associate Professor

Published Conference Proceedings: Lobos, Alex. "Finding Balance in Generative Product Design." Proceedings of the Norddesign 2018: Design in the era of digitalization. Ed. Simon Schutte. Linköping, Sweden, Sweden: n.p., 2018. Web. *

Invited Keynote/Presentation: Lobos, Alex. "Diseño Generativo: Combinando naturaleza y tecnología." Bienal Iberoamericana de Diseño. DI Madrid. Madrid, Spain, Spain. 28 Nov. 2018. Lecture. Δ

Published Conference Proceedings: Lobos, Alex. "Next level design workflows in Fusion 360." Proceedings of the Autodesk University. Ed. Autodesk. Las Vegas, NV: n.p., 2018. Web. *

External Scholarly Fellowships/National Review Committee:

6/15/2018 -
5/15/2019
Autodesk
Amount: \$45000
≠

Published Conference Proceedings: Lobos, Alex and Felipe Castaneda. "3D printers as sketchbooks: a guide to tangible iterative design." Proceedings of the Educause 2018. Ed. Educause. Denver, CO: n.p., 2018. Web. £

Invited Keynote/Presentation: Lobos, Alex. "Organic Modeling with Fusion 360." Vertice Design Conference. Universidad Rafael Landivar. Guatemala, Guatemala. 5 Sep. 2018. Lecture. Δ

Invited Keynote/Presentation: Lobos, Alex and Andrea Gonzalez. "El Objeto del Ecodiseño Emocional." 3rd Symposium RADE – Academic Network of Emotional Design. Universidad Autónoma Metropolitana. Cuajimalpa, Mexico, Mexico. 15 Mar. 2018. Conference Presentation. Δ

Melissa D Moukperian, Assistant Professor

Shows/Exhibits/Installations: Studio, RIT Soft. Soft Studio at NYC Design Week. By Melissa Dawson and Josh Owen. May 2018. WantedDesign IC, Brooklyn, NY. Exhibit.

Hye Jin Nae, Assistant Professor

National/International Competition Award Winner: Nae, Hye-Jin, Adam Smith, and David Borkholder, PhD. Personalized Healthcare Technology Research Initiative at RIT. Winner, GDUSA American Inhouse Design Awards. New York, New York, 2018. £

Marla Schweppe, Professor

Shows/Exhibits/Installations: Schweppe, Marla. Avenue Q graphics and animation. May 2018. Blackfriars Theater, Rochester, NY. Performance.

Museum Collection Acquisition: Schweppe, Marla, et al. Women of Rochester Dress. fabric, 3D prints. Women's Rights Museum, Seneca Falls, NY. (2018).

Shows/Exhibits/Installations: Schweppe, Marla. Projections at the ROC Holiday Village. Dec. 2018. MLK Park, Rochester, NY. Exhibit. ≠

Shows/Exhibits/Installations: Schweppe, Marla. Photo Booth - ROC Holiday Village. Dec. 2018. MLK Park, Rochester. Installation. ≠

Shows/Exhibits/Installations: Schweppe, Marla. Virtual Karaoke. By Joe Geigel. 16 Sep. 2018. Little Theater - Fringe Festival, Rochester, NY. Performance. ≠

Shows/Exhibits/Installations: Schweppe, Marla. Improv with Music and Visuals. By fivebyfive. 16 Dec. 2018. Little Theater - Fringe Festival, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Unabridged Emotions. By Joe Geigel and Zhongyuan Grace Fa. 30 Nov. 2018. RIT, Rochester. Performance.

School of Film and Animation

Ambarien Alqadar, Assistant Professor

National/International Competition Award Winner: Alqadar, Ambarien. Filmmaker and Screenwriter. Sundance Screenwriters Lab Shortlist: Cry, My Beloved Country. Park City, Utah, 2018.

National/International Competition Award Winner: Alqadar, Ambarien. Independent Filmmaker and Screenwriter. Official Selection, New Filmmakers, Anthology Film Archives, NY 2018. NYC, NY, 2018.

Cathleen Ashworth, Professor

Shows/Exhibits/Installations: Ashworth, Cathleen. Director. 9 Nov. 2018. Civic Symphony of Green Bay, Meyer Theater, Green Bay, WI. Exhibit.

Jack A Beck, Associate Professor

Invited Keynote/Presentation: Beck, Jack A. "Re-Defining Focalized Sound: The Convergence of POA, Suspension, and Extension." CILECT North America Sound Conference: Sound & Storytelling. Chapman University. Orange, CA. 23 Mar. 2018. Conference Presentation. *

Invited Keynote/Presentation: Beck, Jack A. "Captured!: The Obsession of Powerful/less, Mediated Voice in Cinema." UFVA : Stories Without Borders. New Mexico State University. Las Cruces, NM. 25 Jul. 2018. Conference Presentation. *

Ricardo R Figueroa, Associate Professor

Published Conference Proceedings: Figueroa, Ricardo and Rui Li. "Bayesian Methods for Radiometric Calibration in Motion Picture Encoding Workflows." Proceedings of the 2018 SMPTE Annual Technical Conference & Exhibition. Ed. Ricardo Figueroa. New York, NY: Society of Motion Picture and Television Engineers, Web. *

Thomas D Gasek, Associate Professor

External Scholarly Fellowships/National Review Committee:

5/9/2018 -

6/17/2018

Fulbright Specialist Program - World Learning

Amount: \$10,000.

*

David L Long, Associate Professor

Invited Keynote/Presentation: Long, David. "No Really, Color is Hard." 2018 Chowan University Academic Forum. Chowan University. Murfreesboro, NC. 16 Apr. 2018. Keynote Speech. Δ

Published Conference Proceedings: Canham, Trevor and David L Long. "Influence of Viewing Environment Chromaticity on Portable Display Color Appearance." Proceedings of the 2018 SMPTE Annual Technology Conference (October 2018, Los Angeles, CA). Ed. Dianne Purrier. Los Angeles, CA: Society of Motion Picture and Television Engineers, 2018. Print. ~

Published Conference Proceedings: Meininger, Catherine. "Defining Visibility Thresholds for Spatial and Spatiotemporal Chromatic Noise Sequences." Proceedings of the 2018 SMPTE Annual Technology Conference (October 2018, Los Angeles, CA). Ed. Dianne Purrier. Los Angeles, CA: Society of Motion Picture and Television Engineers, 2018. Print. ~

Invited Keynote/Presentation: Long, David. "Modeling Observer Variability in Wide Gamut Electronic Displays." 2018 Chowan University Academic Forum. Chowan University. Murfreesboro, NC. 17 Apr. 2018. Lecture. Δ

Invited Keynote/Presentation: Long, David and Jim Ferwerda. "Fundamentals of Color Science." SIGGRAPH 2018. SIGGRAPH. Vancouver, BC. 13 Aug. 2018. Lecture. Δ

Stephanie A Maxwell, Professor

Shows/Exhibits/Installations: Maxwell, Stephanie. Wild Water. By Jesse Chang. 2018. Internet, N/A. Performance. £

National/International Competition Award Winner: Maxwell, Stephanie. Denver Underground Film Festival. Best Organic Experimental Short. Denver, CO, 2018. £

National/International Competition Award Winner: Maxwell, Stephanie. Denver Underground Film Festival. Best Musical Score. Denver, CO, 2018. £

National/International Competition Award Winner: Maxwell, Stephanie. Portoviejo Film Festival. International Experimental Short Film Award. Portoviejo, Ecuador, 2018. £

National/International Competition Award Winner: Maxwell, Stephanie. Figueira FilmArt - Festival de Cinema da Figueira da Foz. International Experimental Short Film Award. Figueira da Foz, Portugal, 2018. £

National/International Competition Award Winner: Maxwell, Stephanie. Headline International Film Festival. Award of Excellence. Toronto, Canada, 2018. £

School of Media Sciences

Christopher Bondy, Lecturer

Invited Keynote/Presentation: BONDY, CHRIS. "Crawl, Walk, Run: The Data Opportunity." CHRIS BONDY. Alliance Franchise Brands. Las Vegas, NV. 24 Feb. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Bondy, Chris. "How to Maximize Customer Experience." Industry Webinar. Print Media Center. online, NY. 11 Apr. 2018. Guest Lecture. ^

Journal Paper: Bondy, Chris. "Exploring the Association Between Current-State and Future-State Technology-Mediated Collaborative Workflow in Print and Graphic Communications Industry." TAGA - Technical Association of the Graphic Arts. March (2018); p. Web. *

Invited Keynote/Presentation: Bondy, Chris. "Exploring the Association Between Current-State and Future-State Technology-Mediated Collaborative Workflow in Print and Graphic Communications Industry." Annual TAGA Convention. TAGA. Washington, DC. 19 Mar. 2018. Conference Presentation. *

Invited Keynote/Presentation: Bondy, Chris. "Transform your print shop with the right Digital Press." Industry Webinar. Xerox, Corp. Rochester, NY. 26 Apr. 2018. Conference Presentation.

Invited Keynote/Presentation: Bondy, Chris. "Trends that Effect Digital Print and the Prevailing Workflows." Industry Training Event. RIT - Print Applications Lab (PAL). Rochester, NY. 24 Jun. 2018. Guest Lecture.

Invited Keynote/Presentation: Bondy, Chris. "Cross-media Publishing Workflow and the Future of Print." Industry Training: Aller Publishing Group. RIT - Print Applications Lab (PAL). Rochester, NY. 11 Sep. 2018. Guest Lecture.

Myrtle R Jones, Assistant Professor

Published Conference Proceedings: Jones, Myrtle. "Harlem as a State of Mind, Textual Analysis of Louis Draper's Harlem Photographs from the 1980's and 1990's." Proceedings of the Viscomm 32: Visual Communication Conference. Ed. NA. LaJolla, CA: n.p., Web. «

School of Photographic Arts & Sciences

Denis Defibaugh, Professor

Peer Reviewed/Juried Poster Presentation: Defibaugh, Denis. "North by Nuuk, Greenland After Kent." Proceedings of the USA-Greenland Research and Educational Workshop. Ed. NA. Nuuk, Greenland, Greenland: n.p.. Δ

Invited Article/Publication: Defibaugh, Denis. "Interview with Denis Defibaugh, an American Photographer." Shandong Pictorial Magazine. (2018). Print. Δ

Rachel J Ferraro, Assistant Professor

Invited Article/Publication: Wang, Vivian and Rachel J. Ferraro (Photographer). "Exonerated, University of Rochester President Steps Down." The New York Times. (2018). Print.

Invited Article/Publication: Witze, Alexandra and Rachel J. Ferraro (Photographer). "University of Rochester president resigns as sexual-harassment probe ends." International Journal of Science. (2018). Print.

Invited Article/Publication: Mangan, Katherine and Rachel J. Ferraro (Photographer). "How a Harassment Controversy Tore a University Apart." The Chronicle of Higher Education. (2018). Print.

Invited Article/Publication: Davis, Nicola and Rachel J. Ferraro (Photographer). "Why Science Breeds a Culture of Sexism." The Guardian, UK. (2018). Print.

Invited Article/Publication: Hobson, Katherine and Rachel J. Ferraro (Photographer). "Identifying Successful College Programs." US News & World Report. (2018). Print.

Invited Article/Publication: Okamoto, Katie and Rachel J. Ferraro (Photographer). "How Architecture can Address the Mental Health Care Crisis." Metropolis Magazine. (2018). Print.

Angela Kelly, Professor

Shows/Exhibits/Installations: Kelly, Angela. "Women Power Protest". Nov. 2018. Birmingham Museum and Art Gallery, England, UK., Birmingham, England. Exhibit. *

Shows/Exhibits/Installations: Kelly, Angela. "A Few Conversations Between Women". Sep. 2018. 808 Gallery, Boston University, Art Galleries., Boston. Exhibit.

Invited Keynote/Presentation: Kelly, Angela. "Lament:Traces of the 19c. Famine in the Contemporary Irish Landscape-." The 7th Annual Irish Studies Program Conference explores the Great Irish Famine through social and historical contexts. St. John Fisher College. Rochester, New York. 13 Apr. 2018. Conference Presentation.

Shows/Exhibits/Installations: Kelly, Angela. Anti- Nostalgia. Oct. 2018. The Carrick Gallery and Museum, Durham, NC. The Carrick Gallery and Museum, Durham, NC., Durham, NC. Exhibit.

Ted M Kinsman, Assistant Professor

Full Length Book: Kinsman, Ted. Cannabis: Marijuana under the Microscope. 1st ed. Lancaster, Pa.: Schiffer Publishing, 2108. Print.

Invited Article/Publication: Kinsman, Ted. "Zapping Film with Electricity: How to Make Spark Patterns in Photos." petapixel.com/. (2018). Web. Δ

Invited Article/Publication: Kinsman, Ted. "How to Capture Heat on Camera Without Expensive Optics." petapixel.com. (2018). Web. Δ

Invited Paper: Kinsman, Ted. "How a Fun Guy Goes to the Woods and Photographs Glowing Mushrooms." petapixel.com. (2018). Web. Δ

Invited Article/Publication: Kinsman, Ted. "How to capture electric sparks on film." diyphotography.net. (2018). Web. Δ

Invited Paper: Kinsman, Ted. "This is how to "photograph" with the sunlight by scorching wood." diyphotography.net. (2018). Web. Δ

Invited Article/Publication: Kinsman, Ted. "How to Photograph Mysterious Floating Scrabble Letters." petapixel.com. (2018). Web. Δ

Shows/Exhibits/Installations: Kinsman, Ted. Cannabis Leaf Trichomes. 2018. Biolmages 2018:, Hillsborough, NC 27278. Exhibit.

Shows/Exhibits/Installations: Kinsman, Ted. Electrophotography Discharge image of a Bee Balm Flower. 2018. bca.org, Hillsborough, NC 27278. Exhibit.

Joshua H Meltzer, Assistant Professor

Book Chapter: Macy, Beth and Josh Meltzer. "Center Plate of Portraits." Dopesick: Dealers, Doctors, and the Drug Company that Addicted America. Ed. Vanessa Mobley. New York, NY: Little Brown and Company - Hachette Book Group, 2018. Center Plate after 184. Print.

Shows/Exhibits/Installations: Meltzer, Josh. BETH MACY AND JOSH MELTZER: PORTRAITS FROM THE FRONTLINE OF THE OPIOID EPIDEMIC. By Beth Macy. 4 Aug. 2018. Taubman Museum, Roanoke, VA. Exhibit.

Michael R Peres, Professor

Shows/Exhibits/Installations: Peres, Michael. Controlled Trauma. 2 Feb. 2018. Gallery R, Rochester NY. Installation.

William D Snyder, Professor

Full Length Book: Snyder, William and Eddie Vedder. Join Together (With The Band). First ed. Chicago, IL: Press Syndicate Group, 2018. Print. ≠

J A Stephen Viggiano, Assistant Professor

Journal Paper: Viggiano, J A Stephen. "Calculation of Scalars in Neugebauer-Like Models. II: Final Scalar Function is Copula." Journal of Imaging Science & Technology 62. 5 (2018): 050403-1 through 050403-8. Print. «

Published Conference Proceedings: Viggiano, J A Stephen, Nanette Salvaggio, and Nitin Sampat. "Chromaticity Matrix to Tristimulus Matrix Conversion for RGB Color Spaces - Even In the Dark." Proceedings of the IS&T International Symposium on Electronic Imaging Science and Technology, Burlingame, CA, 8 January - 2 February 2018. Ed. Reiner Eschbach, Gabriel G. Marcu, and Alessandro Rizzi. Burlingame, CA: IS&T: the Society for Imaging Science and Technology, 2018. Web. *

Published Conference Proceedings: Viggiano, J A Stephen. "Calculation of Scalars in Neugebauer-Like Models. II: Final Scalar Function is Copula." Proceedings of the IS&T's 26th Color and Imaging Conference. Ed. N/A. Vancouver, BC: IS&T: The Society for Imaging Science and Technology, 2018. Print. «

Published Conference Proceedings: Pfund, Nora, Nitin Sampat, and J A Stephen Viggiano. "Relative Impact of Key Rendering Parameters on Perceived Quality of VR Imagery Captured by the Facebook Surround 360 Camera." Proceedings of the IS&T International Symposium on Electronic Imaging Science and Technology, Burlingame, CA, 8 January - 2 February 2018. Ed. Zhen He, et al. Burlingame, CA: IS&T: the Society for Imaging Science and Technology, 2018. Web. *

Catherine Zuromskis, Associate Professor

Invited Article/Publication: Zuromskis, Catherine. "The Social Lives of Archival Photographs". The Archives of American Art Journal. (2018). Print. Δ

Invited Keynote/Presentation: Zuromskis, Catherine. "Evidence of Feeling: Race, Police Violence, and the Limits of Documentation". Ubiquity: Photography's Multitudes. University of Rochester Humanities Center. Rochester, NY. 27 Apr. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Zuromskis, Catherine. "Andy's Snapshots". Andy Warhol: A Panel. Palm Springs Art Museum. Palm Springs, CA. 5 Apr. 2018. Lecture. Δ

Engineering Technology

Civil Engineering Technology, Environmental Management and Safety

Yewande S Abraham, Assistant Professor

Peer Reviewed/Juried Poster Presentation:

Abraham, Yewande S, et al. "Evolving Building Sustainability: United Nations Economic Commission for Europe Framework for Buildings." Proceedings of the The Association for the Advancement of Sustainability in Higher Education (AASHE) Oct 2-5, 2018, Pittsburgh, PA USA. Ed. Meghan Fay Zahniser. Philadelphia, Pennsylvania: n.p.. *

Amanda Bao, Associate Professor

National/International Competition Award

Winner: Bao, Amanda. American Institute of Steel Construction (AISC). Advancing Structural Steel Education Award. Dallas, TX, 2018.

Published Conference Proceedings: Bao, Amanda, et al. "Structural Capacity Analysis of Corroded Steel Girder Bridges." Proceedings of the 3rd International Conference on Civil, Structural and Transportation Engineering, June 10-12, 2018, Niagara Falls, Canada. Ed. Lamya Amleh. Niagara Falls, Ontario, Canada: n.p., 2018. Web. *

Invited Keynote/Presentation: Bao, Amanda. "Evaluation of Shear Strength in Deteriorated I-plate Steel Girder Bridges." Western New York Association for Bridge Construction and Design 30th Annual Fall Conference. Western New York Association for Bridge Construction and Design. Buffalo, NY. 16 Nov. 2018. Conference Presentation. *

Invited Keynote/Presentation: Bao, Amanda. "Structural Capacity Analysis of Corroded Steel Girder Bridges." 3rd International Conference on Civil, Structural and Transportation Engineering. ICCSTE 18. Niagara Falls, Ontario, Canada. 10 Jun. 2018. Conference Presentation. *

md Abdullah al Faruque, Associate Professor

Book Chapter: Faruque, Abdullah and Joshua Goldowitz. "Effect of Hydrofracking on Aquifers." Aquifers-Matrix and Fluids. Ed. Muhammad Salik Javaid. London, United Kingdom, London: IntechOpen, 2018. 33-52. Print. *

Journal Paper: Faruque, Abdullah. "Studying the Effect of Froude Number and Densimetric Froude Number on Local Scours around Circular Bridge Piers." International Journal of Structural and Construction Engineering 12. 5 (2018): 527-532. Web. «

Published Conference Proceedings: Faruque, Abdullah. "Studying the Effect of Froude Number and Densimetric Froude Number on Local Scours around Circular Bridge Piers." Proceedings of the 20th International Conference on Hydraulic and Environmental Engineering. Ed. WASET. Montreal, Canada, QC: n.p., 2018. Print. «

Josh Goldowitz, Professor

Provisional Patent: Martin, Scott Wolcott, Joshua Goldowitz, Lee Newman & Peter. "Green (aka living) Wall Pretreatment Process for Wastewater Generated by Food and Beverage Manufacturers." U.S. Provisional Patent Application 62651791. 3 Apr. 2018.

Lisa L Greenwood, Assistant Professor

Invited Keynote/Presentation: Greenwood, Lisa L. "Internal Auditor Independence in SMEs - Mission Impossible?" Exemplar Global Auditor Symposium. Exemplar Global. Virtual Conference, NA. 7 May 2018. Conference Presentation. £

Published Conference Proceedings: Greenwood, Lisa L, Jennifer L Schneider, and Maureen S. Valentine. "Setting a Course for Student Success: Standards-Based Curriculum and Capacity-Building across Risk Prevention Management System Domains." Proceedings of the 2018 ASEE Mid-Atlantic Section Spring Conference, April 6, Hartford, CT. Ed. NA. Washington, DC: American Society for Engineering Education, 2018. Web. *

Published Conference Proceedings: Greenwood, Lisa L, Jennifer L Schneider, and Maureen S Valentine. "Environmental Management Systems and Standards-Based Education: A Modular Approach." Proceedings of the Charting the Future: Environment, Energy & Health. A and WMA 111th Annual Conference and Exhibition, Hartford, CT, June 27. Ed. NA. Hartford, CT: Air & Waste Management Association, 2018. Web. «

Invited Keynote/Presentation: Greenwood, Lisa L., et al. "Hit the Ground Running: Incorporating Risk-based Management Systems Standards in the Curriculum to Enhance Career Readiness." ASEE Northeast Conference. ASEE. Hartford, CT. 27 Apr. 2018. Conference Presentation. *

Joseph Rosenbeck, Professor

Journal Paper: Schneider, Jennifer, et al. "Community Resilience Management: Reflections and Strategies from Corporate Sustainability." Journal of Environmental Sustainability 6. 1 (2018): Article 2. Web. «

Jennifer Schneider, Professor

Published Conference Proceedings: Schneider, J., et al. "Building Robust Risk Management as a Method of Situational Awareness at the Local Level." Proceedings of the IEEE Symposium on Technologies for Homeland Security (IEEE HST 2018). Ed. Laroque, G. Waltham, MA: IEEE, 2018. Web. «

Journal Paper: Schneider, Jennifer, et al. "Community Resilience Management : Reflections and Strategies from Corporate Sustainability." Journal of Environmental Sustainability 6. 1 (2018): article 2. Web. «

Published Conference Proceedings: Dobie, Sarah and Jennifer Schneider. "Critical Hospitality: Metrics as a Path to Resort Resilience." Proceedings of the ISST:International Symposium on Sustainable Systems and Technology. Ed. Thomas Seager. Buffalo, NY: n.p., 2018. Web. *

Published Conference Proceedings: Greenwood, Lisa, Jennifer Schneider, and Maureen Valentine. "). Environmental Management Systems and Standards-Based Education: A Modular Approach." Proceedings of the Charting the Future: Environment, Energy & Health. AWMA 111th Annual Conference & Exhibition. Ed. NA. Hartford, CN: n.p., 2018. Web. *

Published Conference Proceedings: Greenwood, Lisa, Jennifer Schneider, and Maureen Valentine. "Setting a Course for Student Success: Standards-Based Curriculum and Capacity-Building across Risk Prevention Management System Domains." Proceedings of the 2018 ASEE Mid-Atlantic Section Spring Conference. Ed. NA. Washington, DC: n.p., 2018. Web. £

Journal Paper: Dobie, Sarah, et al. "Hotels as Critical Hubs for Destination Disaster Resilience: An Analysis of Hotel Corporations' CSR Activities Supporting Disaster Relief and Resilience." Infrastructures Special Issue: 3. (2018): NA. Web. «

MARK OLLES IS AN ASSOCIATE PROFESSOR IN THE DEPARTMENT OF MANUFACTURING AND MECHANICAL ENGINEERING TECHNOLOGY.

Dr. Olles received an A.A.S in Mechanical Engineering Technology from Monroe Community College, B.S. in Mechanical Engineering Technology from RIT and Ph.D. in Mechanical Engineering from the University of Tennessee focusing in propulsion. After graduation, he returned to RIT as a postdoctoral researcher in the bio-device laboratory in KGCOE. He was an Adjunct Lecturer at MCC and RIT followed by Clinical Assistant Professor at Rensselaer Polytechnic Institute before returning to RIT in 2012 in his current role.

Olles' research programs involve undergraduate and graduate students and span two primary focus areas: biomechanics and energetics with emphasis on highly engineered structural materials and additive manufacturing. His biomechanics research pairs undergraduate and graduate students with medical residents; the highly cross disciplinary collaborative work has been presented at national conferences and has appeared in clinically relevant surgical journals. His energetics work is funded through the Department of Defense and supports undergraduate and graduate students in conjunction with KGCOE. The energetics research program is recognized as being a pioneer in multiple areas and achieved milestones that are of critical importance to the Army. This work is disseminated through DoD controlled venues such as JANNAF conferences and journals as well as The Technical Cooperation Program (TTCP) in which five countries collaborate in defense scientific and technical information exchange. He is currently working on three collaborative projects funded and supported by grants and contracts from the Department of Defense and the US Army. This funding not only supports student researcher salaries but allows him to continue to be on the forefront of his fields of study ensuring he is a more effective educator in the classroom.

Dr. Olles is very student centered, encouraging and enabling undergraduate students to engage in NASA student competitions, traveling with his teams to historic NASA Johnson's Neutral Buoyancy Laboratory for three years in a row. He is the RIT AIAA student chapter advisor and the RIT BAJA team co-advisor. Community involvement is important to him and he is currently leading a team of three undergraduate students in conjunction with a veterinarian at the Seneca Park Zoo to create a tiger enrichment device.

MARK OLLES
ASSOCIATE PROFESSOR
RIT COLLEGE OF ENGINEERING TECHNOLOGY

PHOTO BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Published Conference Proceedings: Cardinal, Enid, et al. "Resilience Bootcamp – Turning Threats into Opportunities." Proceedings of the AASHE: American Association of Sustainability in Higher Education. Oct 2018. Ed. Meghan Fay Zahniser. Pittsburgh, PA: n.p., 2018. Web. *

Invited Keynote/Presentation: Goerger, Simon R., John R. Hummel, and Jennifer L. Schneider. "Workshop:Developing and Assessing Resilient Systems in Support of National Security Mission, Military Operations Research Society." MORS. 1US Army Engineer Research and Development Center. Vicksburg, MS. 10-11 Dec. 2018. Conference Presentation. *

Invited Article/Publication: Goerger, Simon R., John R. Hummel, and Jennifer L. Schneider. "Developing and Assessing Resilient Systems in Support of National Security Missions." The Phalanx: March 2018. (2018). Print. Δ

Invited Article/Publication: Goerger, Simon R., John R. Hummel, and Jennifer L. Schneider. "Framing Resilience Through Mission Space." The Phalanx: June 2018. (2018). Print. Δ

Published Conference Proceedings: A, Decker,, Schneider, J., and Margulieux, L. "How Engineering and Computing Students Demonstrate Critical Thinking During Required Co-op Work Experiences." Proceedings of the 2018 Frontiers in Education Conference. Ed. NA. San Jose, CA: IEEE, 2018. Web. «

Published Conference Proceedings: Carle, Beth, Jennifer Schneider, and Michael Long. "Mapping the Development of Applied Critical Thinking Skills in Engineering Technology Majors." Proceedings of the 2018 ASEE Mid-Atlantic Section Spring Conference, ASEE PEER. Ed. NA. Washington, DC: ASEE, 2018. Web. *

Scott B Wolcott, Professor

Provisional Patent: Wolcott, Scott, et al. "Green (aka living) Wall Pretreatment Process for Wastewater Generated by Food and Beverage Manufacturers." U.S. Provisional Patent Application 62651791. 3 Apr. 2018.

Department of Service Systems

Malarvizhi Hirudayaraj, Assistant Professor

Journal Paper: Hirudayaraj, Malar and Rose Baker. "HRD Competencies: Analysis of Employer Expectations from Online Job Postings." European Journal of Training and Development 42. 9 (2018): 577-596. Print. «

Journal Paper: Chaudhari, Sanghamitra, Malar Hirudayaraj, and Alexander Ardichvilli. "Borrow or Grow: An Overview of Talent Development Practices in Indian IT Organizations." Advances in Developing Human Resources 20. 4 (2018): 460-478. Print. «

Journal Paper: Niu, Yuanlu, et al. "Lookism in the Chinese Nursing Industry: A Content Analysis of Online Recruitment Advertisements." Journal of Asia Pacific Business 19. 2 (2018): 96-113. Print. «

Journal Paper: Hirudayaraj, Malar and Gary McLean. "First-generation College Graduates: A Phenomenological Exploration of their Transition Experiences into the Corporate Sector." European Journal of Training and Development 42. 1/2 (2018): 91-109. Print. «

Book Chapter: Hirudayaraj, Malar and Priyanka Doshi. "Role of Education in Developing Women Leaders in India." Indian Women in Leadership. Ed. Rajashi Ghosh and Gary McLean. New York, NY: Palgrave Macmillan, 2018. 91-108. Print. ~

Book Chapter: Hirudayaraj, Malar. "First-generation Graduates: Challenges in Transitioning into Employment." On the Borders of the Academy: Challenges and Strategies for First-generation Graduate Students and Faculty. Ed. Alecea Ritter Standlee. Syracuse, New York: Syracuse University Press, 2018. 193-215. Print. ~

*Electrical, Computer and Telecommunications
Engineering Technology*

Miguel Bazdresch, Assistant Professor

Journal Paper: Bazdresch, Miguel, et al. "Low Complexity Maximum-Likelihood Detector for DSTTD Architecture Based on the QRD-M Algorithm." *Telecommunication Systems* 70. 1 (2018): 55--66. Print. *

Journal Paper: Bazdresch, Miguel. "An Elucidating Proof That A Matched Filter Is Optimum." *International Journal of Electrical Engineering Education*. (2018): NA. Web. *

Published Conference Proceedings: Bazdresch, Miguel, et al. "Improved OSIC Detector for Hybrid Space-Time Codes Based on Tree Search." *Proceedings of the 17th Annual Wireless Telecommunications Symposium*. Ed. NA. Phoenix, AZ: n.p., 2018. Web. *

Published Conference Proceedings: Bazdresch, Miguel. "A Small Network Simulator for Learning Routing Fundamentals." *Proceedings of the IEEE/ASEE Frontiers in Education*. Ed. NA. San Jose, CA: IEEE, 2018. Web. *

Published Conference Proceedings: Nygate, Joseph, et al. "Applying Machine Learning in Managing Deployable Systems." *Proceedings of the IEEE International Symposium on Technologies for Homeland Security*. Ed. NA. Woburn, MA: IEEE, 2018. Web. *

Published Conference Proceedings: Hochgraf, Clark, et al. "Providing First Responders With Real-Time Status of Cellular Networks During a Disaster." *Proceedings of the IEEE International Symposium on Technologies for Homeland Security*. Ed. NA. Woburn, MA: IEEE, 2018. Web. *

Published Conference Proceedings: Nygate, Yossi, et al. "Intelligent Wireless Infrastructure Management for Emergency Communications." *Proceedings of the ISCRAM International Conference on Information Systems for Crisis Response and Management*. Ed. NA. Rochester, NY: ISCRAM, 2018. Web. *

Jeanne Christman, Associate Professor

Published Conference Proceedings: Christman, Jeanne W., Mark Indelicato, and George Zion. "Assessment of discrete concept knowledge and integrated understanding in introductory networking courses." *Proceedings of the 2018 American Society for Engineering Education Annual Conference and Exposition*. Ed. ASEE. Salt Lake City, UT: n.p., 2018. Web. *

Clark G Hochgraf, Associate Professor

Published Conference Proceedings: Hochgraf, Clark, et al. "Providing First Responders with Real-time Status of Cellular Networks During a Disaster." *Proceedings of the 2018 IEEE International Symposium on Technologies for Homeland Security (HST)*. Ed. IEEE. Woburn, MA: IEEE, 2018. Web. «

Published Conference Proceedings: Nygate, Joseph, et al. "Applying Machine Learning in Managing Deployable Systems." *Proceedings of the 2018 IEEE International Symposium on Technologies for Homeland Security (HST)*. Ed. IEEE. Woburn, MA: IEEE, 2018. Web. «

Mark J Indelicato, Associate Professor

Published Conference Proceedings: Indelicato, Mark J., Jeanne Christman, and George Zion. "Assessment of Discrete Concept Knowledge and Integrated Understanding in Introductory Networking Courses." *Proceedings of the ASEE National Conference*. Ed. ASEE. Salt Lake City, UT: ASEE, 2018. Print. «

Published Conference Proceedings: Indeliato, Mark J., et al. "Providing first responders with real-time status of cellular networks during a disaster." *Proceedings of the 2018 IEEE International Symposium on Technologies for Homeland ...* Ed. IEEE. Boston, Mass: n.p., 2018. Web. «

Published Conference Proceedings: Indeliato, Mark J., et al. "Applying Machine Learning in Managing Deployable Systems." Proceedings of the 2018 IEEE International Symposium on Technologies for Homeland ... Ed. IEEE. Boston, Mass: n.p., 2018. Web. «

William P Johnson, Professor

Journal Paper: Nygate, Joseph, et al. "Applying Machine Learning in Managing Deployable Systems." 2018 IEEE International Symposium on Technologies for Homeland Security (HST). (2018): 1-6. Print. «

Journal Paper: Hochgraf, Clark, et al. "Providing First Responders with Real-time Status of Cellular Networks During a Disaster." 2018 IEEE International Symposium on Technologies for Homeland Security (HST). (2018): 1-4. Print. «

SungYoung Kim, Associate Professor

External Scholarly Fellowships/National Review Committee:

4/1/2018 -
3/31/2019
Yamaha Corporation
Amount: 10945
≠

External Scholarly Fellowships/National Review Committee:

1/21/2018 -
6/30/2018
Harris Communications
Amount: 40000
≠

National/International Competition Award

Winner: Kim, Sungyoung. Japan Society for the Promotion of Science (JSPS). International Fellowships for Research in Japan (L18521). Tokyo, Japan, 2018.

External Scholarly Fellowships/National Review Committee:

11/1/2018 -
12/24/2019
Yamaha Corporation
Amount: 26805

External Scholarly Fellowships/National Review Committee:

1/1/2019 -
12/31/2021
National Endowment for the Humanities
Amount: 347702
≠

External Scholarly Fellowships/National Review Committee:

12/1/2018 -
6/30/2019
Harris Communication Systems
Amount: 40000
≠

Invited Keynote/Presentation: Kim, Sungyoung. "Recognition of an Auditory Environment: Investigating Room-induced Influences on Immersive Experience." The 5th International Symposium on Brainware LSI. RIEC, Tohoku University. Sendai, JAPAN. 24 Feb. 2018. Lecture.

Invited Keynote/Presentation: Kim, Sungyoung. "Do we Hear Differently? Comparing Spatial Hearing Between East-Asian and North-American listeners." Seminar on the spatial aspects of hearing and their applications. RIEC, Tohoku University. Sendai, JAPAN. 30 Oct. 2018. Keynote Speech. Δ

Journal Paper: Kim, Sungyoung, Hiraku Okumura, and Sushrut Khirwadkar. "Investigating Multimodal Congruence in Localization for an Augmented Reality Device." Acoustical Science and Technology 39. 4 (2018): 320-322. Web. «

Journal Paper: Chon, Song Hui and Sungyoung Kim. "Auditory Localization Training Using Generalized Head Related Transfer Functions in Augmented Reality." Acoustical Science and Technology 39. 4 (2018): 312-315. Web. «

Published Conference Proceedings: Ashok, Madhu, et al. "Acoustic and Subjective Evaluation of 22.2- and 2-Channel Reproduced Sound Fields in Three Studios." Proceedings of the Audio Engineering Society 144th Int. Convention. Ed. AES. Milan, Italy: AES, 2018. Web. *

Published Conference Proceedings: Kim, Sungyoung, Will Howie, and Denis Martin. "Comparison of Salient Percepts Associated with Three Sound-field Capturing Methods." Proceedings of the The 25th International Congress on Sound and Vibration. Ed. ICSV. Hiroshima, Japan: ICSV, 2018. Print. «

Published Conference Proceedings: Kim, Sungyoung, et al. "Recognition of an Auditory Environment: Investigating Room-induced Influences on Immersive Experience." Proceedings of the Audio Engineering Society Int. Conference on Spatial Reproduction-Aesthetic and Science. Ed. AES. Tokyo, Japan: AES, 2018. Web. «

Published Conference Proceedings: Yuyama, Yuta, Sungyoung Kim, and Hiraku Okumura. "Movie Scene Classification using Audio Signals in a Home-Theater System." Proceedings of the Audio Engineering Society Int. Conference on Spatial Reproduction-Aesthetic and Science. Ed. AES. Tokyo, Japan: AES, 2018. Web. «

Published Conference Proceedings: Chon, Song Hui and Sungyoung Kim. "Understanding the Perception of Acoustic Space from the Perspectives of Timbre." Proceedings of the TIMBRE 2018. Ed. TIMBRE2018. Montreal, CANADA: McGill University, 2018. Web. «

Published Conference Proceedings: Chon, Song Hui and Sungyoung Kim. "Long Term Effects of Auditory Localization Improvement - Pilot Study." Proceedings of the International Conference of Music Perception and Cognition. Ed. ICMPC. Graz, Austria: ICMPC, 2018. Web. «

Published Conference Proceedings: George, Jason St., Sungyoung Kim, and Hans-Peter Bischof. "Sonification of Simulated Black Hole Merger Data." Proceedings of the The World Congress in Computer Science, Computer Engineering, and Applied Computing. Ed. CSCE. Las Vegas, Nevada: CSCE, 2018. Web. «

Published Conference Proceedings: Kaneko, Shoken, et al. "Automatic Feature Extraction From Human Ear Shapes and its Statistical Analysis." Proceedings of the 2018 Fall meeting of Acoustical Society of Japan. Ed. ASJ. Oita, Japan: ASJ, 2018. Web. *

Yangming Li, Assistant Professor

Published Conference Proceedings: Li, Yangming. "Soft-obstacle Avoidance for Redundant Manipulators with Recurrent Neural Network." Proceedings of the 2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS). Ed. none. Madrid, Spain: IEEE, Print. *

Drew Maywar, Associate Professor

External Scholarly Fellowships/National Review Committee:

12/1/2018 -
11/30/2021
RAM Photonics
Amount: \$300,001
≠

External Scholarly Fellowships/National Review Committee:

7/1/2018 -
2/2/2019
US Office of Naval Research
Amount: \$75,000
≠

External Scholarly Fellowships/National Review Committee:

10/1/2018 -
8/16/2019
Precision Optical Transceivers
Amount: \$46,217
≠

External Scholarly Fellowships/National Review Committee:

2/28/2018 -
12/18/2018
Precision Optical Transceivers
Amount: \$42,655
≠

External Scholarly Fellowships/National Review Committee:

1/1/2018 -

9/30/2019

US Dept. of Air Force Materiel Command
/ AIM Photonics

Amount: \$30,958

≠

Journal Paper: Maafa, M.R., et al. "Microwave Frequency Doubling by Synchronising and Polarisation Multiplexing the Optical Signals from a Dual-output Mach-Zehnder Modulator." *Electronics Letters* 54. 6 (2018): 364-366. Print. *

Hospitality and Tourism Management

Yu-Chin J Hsieh, Associate Professor

Published Conference Proceedings: Kesgin, Muhammet, Yuchin Jerrie Hsieh, and Abdulaziz Alqusayer. "What Drives Migrant Employees' Job Engagement? A Case of Hotel Employees in Riyadh, Saudi Arabia." *Proceedings of the Annual International Council for Hotel, Restaurant, Institutional Education Conference*. Ed. Don Schoffstall. Palm Springs, CA: ICHRIE, 2018. Web. £

Published Conference Proceedings: Hsieh, Yuchin Jerrie, et al. "The Short-term Impact of Workplace Exercise Intervention on Improving Hotel Housekeeper's Range of Motion." *Proceedings of the Asia Pacific CHRIE*. Ed. Bongkosh N. Rittichainuwat. Guangzhou, Guangdong: APac CHRIE, 2018. Web. *

Published Conference Proceedings: Leung, K., et al. "Job burnout and work engagement: A case study of integrated resort employees in Macau." *Proceedings of the Asia Pacific CHRIE*. Ed. Bongkosh N. Rittichainuwat. Guangzhou, Guangdong: APac CHRIE, 2018. Web. *

Muhammet Kesgin, Assistant Professor

Journal Paper: Kesgin, Muhammet and Rajendran S. Murthy. "Consumer engagement: the role of social currency in online reviews." *The Service Industries Journal*. Published online (2018): 1-28. Web. «

Journal Paper: Dobie, Sarah, et al. "Hotels as Critical Hubs for Destination Disaster Resilience: An Analysis of Hotel Corporations' CSR Activities Supporting Disaster Relief and Resilience." *Infrastructures* 3. 4 (2018): 46-65. Web. «

Published Conference Proceedings: Kesgin, Muhammet, Jerrie Hsieh, and Abdulaziz Alqusayer. "What Drives Migrant Employee's Job Engagement? A Case of Hotel Employees in Riyadh, Saudi Arabia." *Proceedings of the ICHRIE 2018*. Ed. Don Schoffstall. Palm Springs, CA: International CHRIE, 2018. Web. «

Published Conference Proceedings: Pohland, Linden, Muhammet Kesgin, and Rick Lagiewski. "Safety and Security Concerns of Tourists: Aftermath of Terrorist Attacks in Turkey." *Proceedings of the The 23rd Annual Graduate Education and Graduate Student Research Conference in Hospitality and Tourism*. Ed. SoJung Le, Shane C. Blum, and Audrey McCool. Forth Worth, TX: ISU, 2018. Web. «

Published Conference Proceedings: Zarban, Abutaleb, Jerrie Hsieh, and Muhammet Kesgin. "Impact of Perceived Leadership Styles on Hotel Employee Job Engagement." *Proceedings of the The 23rd Annual Graduate Education and Graduate Student Research Conference in Hospitality and Tourism*. Ed. SoJung Lee, Shane C. Blum, and Audrey McColl. Forth Worth, TX: ISU, 2018. Web. «

Published Conference Proceedings: Murthy, Rajendran S. and Muhammet Kesgin. "Online consumer engagement: The role of social currency in reviews." *Proceedings of the Back to The Future: Revisiting the Foundations of Marketing*. Ed. Jie G. Fowler. West Palm Beach, FL: Society for Marketing Advances, 2018. Web. «

Invited Keynote/Presentation: Kesgin, Muhammet and Deb E. Ross. "Progress in Child - Friendly Tourism Research and Practice - The Case of KIDSOUT and About.com." *1st Child Friendly Tourism Congress*. Cumhuriyet University. Sivas, Turkey. 25 Apr. 2018. Keynote Speech. Δ

Published Conference Proceedings: Kesgin, Muhammet and Linden W. Pohland. "Do Tourists Change Their International Travel Plans in Times of Terror?" Proceedings of the TTRA 2018. Ed. Jonathan Day. Miami, FL: Travel and Tourism Association, 2018. Web. «

Published Conference Proceedings: Dobie, Sarah, et al. "Critical Hospitality: Metrics as a Path to Resort Resilience." Proceedings of the 2018 ISSST. Ed. Thomas Seager. Buffalo, NY: International Symposium on Sustainable Systems and Technology, 2018. Web. «

External Scholarly Fellowships/National Review Committee:

6/15/2018 -

6/30/2019

AHLEF to study The contribution of the hotel and lodging sector during disaster response and recovery.

Amount: 45,154

≠

External Scholarly Fellowships/National Review Committee:

9/1/2018 -

8/31/2019

Department of State/Santander to develop the project entitled Exchange of practices in the food and beverage value chain through bilateral study abroad between Lima, Peru and the Finger Lakes region of New York.

Amount: 25,000

≠

Rick Lagiewski, Assistant Professor

Journal Paper: Dobie, Sarah, et al. "Hotels as Critical Hubs for Destination Disaster Resilience: An Analysis of Hotel Corporations' CSR Activities Supporting Disaster Relief and Resilience." *Infrastructures* 3(4), 46 (2018): 1-19. Web. «

Published Conference Proceedings: Dobie, Sarah, et al. "Critical Hospitality: Metrics as a Path to Resort Resilience." Proceedings of the International Symposium on Sustainable Systems and Technology (ISSST). Ed. Thomas Seager. Buffalo, New York: n.p., Web. £

External Scholarly Fellowships/National Review Committee:

9/25/2018 -

6/28/2019

American Hotel & Lodging Educational Foundation (AHLEF)

Amount: \$45,154

≠

External Scholarly Fellowships/National Review Committee:

9/1/2018 -

8/31/2019

Department of State 2018 Santander Competition for Innovations in Study Abroad Partnerships & Collaboration

Amount: \$25,000

≠

Published Conference Proceedings: Lagiewski, Rick and Paul Barron. "The Effect of Offering Hospitality and Tourism Degrees Overseas on the Home Campus Faculty." Proceedings of the 2018 ICHRIE Conference. Ed. Donald G. Schoffstall. Palm Springs, California: n.p., Web. «

Manufacturing and Mechanical Engineering Technology

Martin K Anselm, Assistant Professor

Journal Editor: Yeritsyan, Hrant, ed. *Journal of Electronic Materials*. New York: Springer, 2018. Web. *

Published Conference Proceedings: Murling, Adam, et al. "Practical Implementation of Assembly Processes for Low-Melting Point Solder Pastes." Proceedings of the SMTAi. Ed. Richard Coyle. Eden Prairie, MN: SMTA, Web. *

Published Conference Proceedings: Gomez, Priscilla, Tayler Swanson, and Martin K. Anselm. "A Study on The Minimum and Maximum Temperatures of The Reflow Process in SMT Assembly on Paste Containing Bismuth Alloys Combined with Lead-Free Solder Spheres." Proceedings of the SMTAi. Ed. Richard Coyle. Eden Prairie, MN: SMTA, Web. *

Published Conference Proceedings: Bastardo, Keyla Y., Tayler Swanson, and Martin K. Anselm. "Experimental Study on The Capability And Performance of A Jet Dispensing Feeder in Components Fastening." Proceedings of the SMTAi. Ed. Richard Coyle. Eden Prairie, MN: SMTA, Web. *

Invited Keynote/Presentation: Anselm, Martin K. "WIT at RIT" - Women in Technology & Is Photonics Integration in our Future?" SMTAi. SMTA. Chicago, IL. 15 Oct. 2018. Conference Presentation.

Journal Paper: Su, Quang T., et al. "Accelerated Vibration Reliability Testing of Electronic Assemblies Using Sine Dwell With Resonance Tracking." ASME Journal of Electronic Packaging 140. 041004-1 (2018): 9. Web. «

Betsy Dell, Professor

Published Conference Proceedings: S., Hedge, and Dell, E., Lewis, C., Diaz, C. and Trabold, T. "Anaerobic Digestion of Bioplastic Packaging Materials." Proceedings of the Sustainable Packaging Symposium. Ed. na. New Brunswick, NJ: n.p., 2018. Web. *

Published Conference Proceedings: V., Datta, and Francisco, M., Hegde, S., Datta, V., Diaz, C., Trabold, T., Dell, E. and C. L. Lewis. "Mechanical Behavior and Anaerobic Biodegradation of a Poly(lactic acid) blend containing a Poly(lactic acid)-co-Poly(glycolic acid) Copolymer." Proceedings of the SPE ANTEC. Ed. SPE. Orlando, FL: SPE, 2018. Web. «

Published Conference Proceedings: R, Nunziato, and Hedge, S., Dell, E., Trabold, T., Lewis, C. and C. Diaz. "Mechanical Properties and Anaerobic Biodegradation of Thermoplastic Starch / Polycaprolactone Blends." Proceedings of the 21st International Association of Packaging Research Institutes (IAPRI) Symposium on Packaging. Ed. IAPRI. Zhuhai, China, CHINA: IAPRI, 2018. Web. «

Published Conference Proceedings: S., Hedge, and Dell, E., Lewis, C., Trabold, T.A. and C. A. Diaz. "Anaerobic Biodegradation of Bioplastic Packaging Materials." Proceedings of the 21st International Association of Packaging Research Institutes (IAPRI) Symposium on Packaging. Ed. IAPRI. Zhuhai, China, CHINA: IAPRI, 2018. Web. «

Robert D Garrick, Professor

Published Conference Proceedings: Gupta, Surendra "Vinnie" K., et al. "Scholarship Programs for Vertical Transfers in Engineering and Engineering Technology." Proceedings of the 2018 ASEE Annual Conference & Exposition. Ed. ASEE. Salt Lake City, UT: ASEE, 2018. Web. «

Published Conference Proceedings: Garrick, Robert. "Flipped Classroom Video Analytics." Proceedings of the 2018 ASEE Annual Conference Exposition. Ed. ASEE. Salt Lake City, UT: ASEE, 2018. Web. «

Martin Gordon, Professor

Invited Article/Publication: Gordon, Martin E. "How do Forensic Engineers Investigate Bridge Collapses, like the one in Miami?" The Conversation. (2018). Web. Δ

Invited Article/Publication: Cometa, Michelle and Martin E. Gordon. "Baja Race Teams Zoom to RIT for 2019 World Challenge." RES Magazine. (2018). Web.

Published Conference Proceedings: Wang, Mingmin, et al. "Auto-simulator Preparation for Research into Assessing the Correlation Between Human Driving Behaviors and Fixation Patterns." Proceedings of the IS&T International Symposium on Electronic Imaging 2018. Ed. Society for Imaging Science and Technology. Burlingame, CA: Society for Imaging Science and Technology, Print. «

Published Conference Proceedings: O'Neil, Jennifer A., et al. "Is Unaided Active Learning an Effective Teaching Method for those with Learning Disabilities?" Proceedings of the ASEE Annual Congress. Ed. Marilyn Dyrud. Salt Lake City, UT: ASEE, Print. «

Published Conference Proceedings: Gordon, Martin, et al. "Developing a Time-Based Expectancy for Driver Perception-Reaction Time at Night." Proceedings of the Joint Accident Reconstruction Conference. Ed. NYSTARS. Lake George, NY: n.p., Print. Δ

Christopher L Lewis, Assistant Professor

Published Conference Proceedings: Samadi, Kosar, et al. "Mechanical Behavior and Anaerobic Biodegradation of a Poly(lactic acid) blend containing a Poly(lactic acid)-co-Poly(glycolic acid) Copolymer." Proceedings of the Society of Plastics Engineers ANTEC 2018. Ed. Margaret J Sobkowicz (Bioplastics Technical Program Chairman). Orlando, FL: n.p., 2018. Web. *

Invited Keynote/Presentation: Chang, Shu and Christopher L. Lewis. "A Method to Quantify the Influence of Fused Deposition Modeling Process Variables on Print Quality." ASQRS Rochester Annual Meeting 2018: Future of Quality – What's Next? The American Society for Quality, Rochester Section (ASQRS). Henrietta, NY. 26 Sep. 2018. Conference Presentation.

Published Conference Proceedings: Nunziato, Ryan, et al. "Mechanical Properties and Anaerobic Biodegradation of Thermoplastic Starch/Polycaprolactone Blends." Proceedings of the 21st IAPRI World Conference on Packaging. Ed. Zhi-Wei Wang. Zhuhai, China: n.p., 2018. Web. *

Published Conference Proceedings: Hegde, Swati, et al. "Anaerobic Biodegradation of Bioplastic Packaging Materials." Proceedings of the 21st IAPRI World Conference on Packaging. Ed. Zhi-Wei Wang. Zhuhai, China: n.p., 2018. Web. *

Jennifer O'Neil, Assistant Professor

Journal Paper: O'Neil, Dr. Jennifer. "Thermodynamics is fun! (No, really!)." test 1. 1 (2018): 1. Print. «

Invited Article/Publication: Schley, Sara, Carol Marchetti, and Jennifer O'Neil. "Creating an Inclusive Classroom." Inside Higher Ed. (2018). Web. Δ

Invited Article/Publication: O'Neil, Jennifer. "Thermodynamics is fun! (No, really!)." ASEE Prism Magazine. (2018). Print. Δ

Published Conference Proceedings: Defoux-Fila, Antoinette, et al. "Investigation of Particle Size Distributions from Low-flow Jet Nebulizers." Proceedings of the v. Ed. ICLASS. Chicago, IL: n.p., 2018. Print. «

Published Conference Proceedings: O'Neil, Jennifer, et al. "Is Unaided Active Learning an Effective Teaching Method for those with Learning Disabilities." Proceedings of the 2018 ASEE Annual Conference. Ed. ASEE. Salt Lake City, UT: n.p., 2018. Print. «

Brian S Rice, Assistant Professor

Published Conference Proceedings: O'Neil, J. A., et al. "Is Unaided Active Learning an Effective Teaching Method for Those with Learning Disabilities?" Proceedings of the 2018 ASEE Annual Conference and Exposition. Ed. unknown. Salt Lake City, UT: American Society for Engineering Education, 2018. Web. £

Packaging Science

Carlos Diaz-Acosta, Associate Professor

Published Conference Proceedings: Nunziato, Ryan, et al. "Mechanical Properties and Anaerobic Biodegradation of Thermoplastic Starch/Polycaprolactone Blends." Proceedings of the 21st IAPRI World Conference on Packaging. Ed. Zhi-Wei Wang. Lancaster, PA: DEStech Publications, Inc., Print. £

Published Conference Proceedings: Hegde, Swati, et al. "Anaerobic Biodegradation of Bioplastic Packaging Materials." Proceedings of the 21st IAPRI World Conference on Packaging. Ed. Zhi-Wei Wang. Lancaster, PA: DEStech Publications, Inc., Print. £

Published Conference Proceedings: Samadi, Kosar, et al. "Mechanical Behavior and Anaerobic Biodegradation of a Poly(lactic acid) blend containing a Poly(lactic acid)-co-Poly(glycolic acid) Copolymer." Proceedings of the SPE ANTEC 2018. Ed. Society of Plastic Engineers. Orlando, FL: n.p., Print. *

Journal Paper: C, Ge and Liao P. "Vibration Damage Rate Curves for Quantifying Abrasion of Printed Packaging in Accelerated Random Vibration." Packaging technology and science 31. 2 (2018): 71-81. Print. *

Journal Paper: C, Sun LN, Lu LX, Wang LQ, GE. "Influence of α -tocopherol/MCM-41 Assembly on Physical and Antioxidant Release Properties of Low-density Polyethylene Antioxidant Active Films." Polymer engineering and science 58. 10 (2018): 1710-1716. Print. *

Journal Paper: C, GE and Rice B. "Impact Damping Ratio of a Nonlinear Viscoelastic Foam." Polymer testing 72. (2018): 187-195. Print. *

Full Patent: Ge, C,, et al. "Formation and Properties of Fibrous-based Material." U.S. Patent 62.554,215. 5 Sep. 2018.

Kyle D Dunno, Assistant Professor

Journal Paper: Dunno, Kyle D., Jake Wyns, and John Cook. "Post-wrapping Behavior of High-performance Stretch Film." Journal of Applied Packaging Research. (2018): 1-11. Web. *

Journal Editor: Malasri, Siripong and Kyle Dunno, ed. International Journal of Advanced Packaging Technology. Delhi: Cloud Publications, 2018. Web. *

Changfeng Ge, Professor

Journal Paper: C, GE. "A Preliminary Study of Cushion Properties of a 3D Printed Thermoplastic Polyurethane Kelvin Foam." Packaging technology and science 31. 5 (2018): 361-368. Print. *

Health Sciences and Technology

Biomedical Sciences

Cory A Crane, Assistant Professor

Journal Paper: Berbary, C., C. A. Crane, and C. J. Easton. "Homework Compliance Among sSubstance Using Male Offenders of IPV." *Advances in Dual Diagnosis* 11. (2018): 147-156. Print. *

Journal Paper: Berbary, C., C. A. Crane, and C. J. Easton. "Typology of Substance Using Offenders or IPV: Violence and Substance Use Outcomes." *Advances in Dual Diagnosis* 11. (2018): 157-168. Print. «

Journal Paper: Easton, C. J., C. Berbary, and C. A. Crane. "Avatar and Technology Assisted Platforms in the Treatment of Co-occurring Addiction and IPV Among Male Offenders." *Advances in Dual Diagnosis* 11. (2018): 126-134. Print. «

Journal Paper: Fernandes, C., et al. "Prevalence of HIV Risk Behavior Among Male Substance Abusing Offenders of Intimate Partner Violence." *Advances in Dual Diagnosis* 11. (2018): 169-178. Print. «

Journal Paper: Crane, C. "Crowdsourcing as a Method for Collecting Data on Alcohol's Effects on Perceptions of Partner Aggression." *American Journal of Drug and Alcohol Abuse* 44. (2018): 578-586. Print. «

Journal Paper: Crane, C. A., S. Rice, and R. Schlauch. "Development and Psychometric Evaluation of a Rapid Intimate Partner Violence Perpetration Screening Tool." *Aggressive Behavior* 44. (2018): 199-208. Print. «

Journal Paper: Crane, C. A., et al. "Provocation and Target Gender as Moderators of the Relationship Between Acute alcohol Use and Female Perpetrated Aggression." *Aggression and Violent Behavior* 40. (2018): 39-43. Print. «

Journal Paper: Crane, C. A., et al. "Problematic Alcohol Use as a Risk factor for Cyber Aggression Within Romantic Relationships." *American Journal on Addictions* 27. (2018): 400-406. Print. «

Journal Paper: Easton, C. J., C. A. Crane, and D. Mandel. "A Randomized Controlled Trial Assessing the Efficacy of Cognitive Behavioral Therapy for Substance Dependent Domestic Violence Offenders: An integrated substance Abuse-domestic Violence Treatment Approach (SADV)." *Journal of Marital and Family Therapy* 44. (2018): 483-498. Print. «

Journal Paper: Godleski, S., K. Leonard, and C. A. Crane. "Parents' Concordant and Discordant Alcohol Use and Subsequent Child Behavioral Outcomes." *Addictive Behaviors* 79. (2018): 81-85. Print. «

Journal Paper: Noyes, E., et al. "Impact of Pre-treatment Change on Mechanisms of Behavior Change Research: An Applied Example Using Alcohol Abstinence Self-efficacy." *Journal of Studies on Alcohol and Drugs* 79. (2018): 159-162. Print. «

Journal Paper: Przybyla, S., et al. "Meta-analysis of Alcohol and Serodiscordant Condomless Sex Among People Living with HIV." *Archives of Sexual Behavior* 47. (2018): 1351-1366. Print. «

Medical Illustration

James Perkins, Professor

Shows/Exhibits/Installations: Perkins, James A. *Visualize: Art Revealing Science*. 2018. American Association for the Advancement of Science (AAAS), Washington, DC. Exhibit. £

Physician Assistant

Melodie J Kolmetz, Assistant Professor

Peer Reviewed/Juried Poster Presentation:

Kolmetz, Melodie J. "First Aid/CPR/AED Training in a Senior Living Community." Proceedings of the New York State Physician Assistant Association Annual Conference. Ed. Pamela Gregory-Fernandez. Albany, NY: n.p.. *

Invited Keynote/Presentation: Kolmetz, Melodie J. "Ed Tech for Med Ed." Educational Technology Day. Ithaca College. Ithaca, NY. 22 Mar. 2018. Conference Presentation. *

Invited Article/Publication: Kolmetz, Melodie J. "5 Important Lessons I've Learned in Practice." Clinician Reviews. (2018). Print. Δ

National/International Competition Award

Winner: Kolmetz, Melodie J. PA Foundation. Mental Health Fellowship. Alexandria, VA, 2018. «

Invited Article/Publication: Kolmetz, Melodie J. "Mental Health First Aid Training: Removing the Stigma and Empowering Recovery." Journal of the American Academy of Physician Assistants. (2018). Web. «

John B Oliphant, Associate Professor

Invited Keynote/Presentation: Oliphant, John B. "Practical Steps Towards Exemplary Leadership." Leadership Seminar. St. Patrick's Church. Victor, NY. 22 Sep. 2018. Conference Presentation.

Invited Keynote/Presentation: Oliphant, John B. "Translating your PhD Work into Publications." Doctoral Seminar Course. Niagara University. Lewiston, NY. 3 Mar. 2018. Guest Lecture.

Journal Paper: Oliphant, John B. "Short-Term Medical Missions Done Well: What Every Sponsoring Institution Should Understand." Journal of Physician Assistant Education 29. 1 (2018): 58-61. Print. *

Journal Paper: Oliphant, John B. "Health Sciences Students' Interest in and Opinions about Global Health Experiences." Educational Planning 25. 2 (2018): 33-54. Print. *

Wegmans School of Health and Nutrition

Barbara A Lohse, Professor

Journal Paper: Lohse, Barbara, et al. "Impact of a Weight Management Intervention on Eating Competence: Importance of Measurement Interval in Protocol Design." American Journal of Health Promotion 32. 3 (2018): 718-728. Print. «

Journal Paper: Strutz, Erin, et al. "Accelerometry-Derived Physical Activity Correlations Between Parents and Their Fourth-Grade Child Are Specific to Time of Day and Activity Level." Journal of Physical Activity and Health 15. 6 (2018): 440-447. Print. «

Journal Paper: Prescott, Melissa Pflugh, et al. "Teacher Well-Being Attributes Are Positively Associated With Teacher Perceptions of Fuel for Fun Tasting Lessons." Topics in Clinical Nutrition 33. 4 (2018): 272-280. Print. «

Journal Editor: Lohse, Barbara, ed. Journal of Nutrition Education and Behavior. Philadelphia: Elsevier, 2018. Print.

Published Conference Proceedings: Cunningham-Sabo, Leslie, Barbara Lohse, and Stephanie Smith. "Fourth-Graders without Cooking Experience Make Greatest Gains in Key Outcomes of School-Based Culinary Intervention." Proceedings of the American Society for Nutrition. Ed. Jack Odle. Boston, MA: n.p., 2018. Web. «

Published Conference Proceedings: Lohse, Barbara and Leslie Cunningham-Sabo. "Cooking Experience and Family Involvement Key to Body Mass Index Change in a 4th-Grade School-Based Intervention." Proceedings of the American Society for Nutrition. Ed. Jack Odle. Boston, MA: Sage, 2018. Web. «

CORY CRANE COMPLETED HIS GRADUATE TRAINING AT PURDUE UNIVERSITY BEFORE ACCEPTING PRE AND POSTDOCTORAL APPOINTMENTS AT THE YALE UNIVERSITY SCHOOL OF MEDICINE AND THE RESEARCH INSTITUTE ON ADDICTIONS WITH THE UNIVERSITY AT BUFFALO, RESPECTIVELY. HE JOINED RIT IN THE FALL OF 2014 WHERE HIS RESEARCH HAS REMAINED FOCUSED ON THE INTERSECTION OF INTIMATE PARTNER VIOLENCE (IPV) AND ADDICTION.

In collaboration with colleagues across the RIT campus and in the greater Rochester community, Dr. Crane's primary research involves developing and evaluating brief or adjunctive interventions that meet individualized needs to increase treatment compliance and reduce recidivism rates among recently adjudicated partner violence perpetrators. Interventions include efforts to develop intrinsic motivation to change maladaptive behaviors and integrated treatments addressing comorbid conditions that may interfere with attempts to modify violent behavior, such as post-traumatic stress disorder or substance use diagnoses. In a related area of study, Dr. Crane is pursuing research to improve primary prevention efforts intended to reduce the incidence and escalation of physical IPV perpetration. These projects involve identifying barriers that prevent critical discussions about partner violence between healthcare providers and their patients as well as the development of a brief IPV perpetration screening tool for the purposes of routine clinical evaluation.

Further, Dr. Crane's lab is involved in basic research efforts to elucidate proximal moderators of the relationship between alcohol use and physical as well as cyber partner violent behavior using survey, experimental, meta-analytic, and ecologically valid, daily reporting methodologies among understudied and high functioning populations of interest, including moderate to heavy social drinkers, military veterans, deaf and hard of hearing individuals, female perpetrators, and relationship dyads. Observed moderators of the association between alcohol and IPV include depletion of self-control, acute symptomatology, anger, and fluctuations in relationship satisfaction.

CORY CRANE, Ph.D.
ASSISTANT PROFESSOR
BIOMEDICAL SCIENCES
COLLEGE OF HEALTH SCIENCES & TECHNOLOGY

PHOTO BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Peer Reviewed/Juried Poster Presentation:

Abu, Brenda AZ, Barbara Lohse, and Leslie Cunningham-Sabo. "Body Mass Index of Parents of 4th Graders Aligns with Psychosocial and Demographic Factors but Is Stable over a Year: Considerations for Healthy Weight Intervention Design and Assessment." Proceedings of the American Society for Nutrition. Ed. Jack Odle. Boston, MA: Sage. «

Peer Reviewed/Juried Poster Presentation:

Burg, Xanna, et al. "Accelerometry oOutcomes Have Limited Congruence with a Face Valid, Self-report Measure in a Sample of 4th Grade Youth." Proceedings of the American Public Health Association. Ed. Unknown. San Diego, CA: n.p.. «

Peer Reviewed/Juried Poster Presentation:

Ruder, Elizabeth and Barbara Lohse. "TITLE: Overweight/Obesity is Associated with Limited Engagement in Fruit/Vegetable Incentive Programs." Proceedings of the The Obesity Society. Ed. Unknown. Nashville, TN: Unknown. «

Dean's Office

Andrew Herbert, Professor

Published Review: Herbert, Andrew M. "Book Review." Rev. of The Oxford Handbook of Perceptual Organization, ed. Quinlan, Philip. Quarterly Journal of Experimental Psychology Mar. 2018: 1-2. Web.

Laverne McQuiller, Professor

Invited Keynote/Presentation: Porter, Judy and LaVerne McQuiller Williams. "Interaction of Auditory Status, Child Maltreatment, Victimization, and Perpetration of Intimate Partner Violence." 12th Annual International Conference on Sociology. Athens Institute for Education and Research. Athens, Greece. 8 May 2018. Conference Presentation. *

Journal Paper: Williams, LaVerne McQuiller and Judy L. Porter. "The Relationship between Family of Origin Violence, Interpersonal Victimization, and Race/Ethnicity in a College Sample." Criminology and Sociology 1. (2018): 54-62. Print. *

Invited Keynote/Presentation: Williams, LaVerne McQuiller. "Sexual Violence and Help-Seeking Behaviors in Deaf Survivors of Sexual Assault." Academy of Criminal Justice Sciences. ACJS. New Orleans, LA. 14 Feb. 2018. Conference Presentation. *

James Winebrake, Dean

Journal Paper: Sofiev, Mikhail, et al. "Cleaner Fuels for Ships Provide Public Health Benefits with Climate Tradeoffs." Nature Communications 9. (2018): 1-12. Web. «

Book Chapter: Corbett, James J. and James J. Winebrake. "Environmental Issues in International Trade and Transportation." Handbook of International Trade and Transportation. Northampton, MA: Edward Elgar Publishing, 2018. 275-296. Print. *

Department of Communication

Andrea Hickerson, Associate Professor

Journal Paper: Hickerson, Andrea. "Convergence Through Conflict: A Case-study of a U.S. Spanish-language Publication's Efforts to Grow a National Audience." Crossing: Journal of Migration and Culture 9. 1 (2018): 13-27. Print. «

Hinda B Mandell, Associate Professor

Full Length Book: Mandell, Christine A. Kray, Tamar W. Carroll, Hinda. Nasty Women and Bad Hombres: Gender and Race in the 2016 US Presidential Election. Rochester, NY: University of Rochester Press, 2018. Print. *

Journal Paper: Mandell, Hinda and Meredith Davenport (photos). "Recreating and Reenvisioning Scandal: A Photographic Exploration of the Eliot Spitzer and Anthony Weiner Press Conferences." Journal of Feminist Scholarship. Spring 2018 (2018): Online. Web. «

Book Chapter: Kray, Christine A, Tamar Carroll, and Hinda Mandell. "Introduction to Nasty Women and Bad Hombres: Historical Reflections on the 2016 Presidential Election." Nasty women and bad hombres: Gender and race in the 2016 US presidential election. rochester, NY: University of Rochester Press, 2018. 1-24. Print. «

Book Chapter: mandell, hinda. "Birthing Family: Narrative and Baby on Election Day." *Nasty Women and Bad Hombres: Gender and Race in the 2016 US Presidential Election*. rochester, NY: University of Rochester Press, 2018. 264-270. Print. «

Book Chapter: Carroll, Tamar W, Hinda Mandell, and Christine Kray. "Epilogue." *Nasty Women and Bad Hombres: Gender and Race in the 2016 US Presidential Election*. rochester, NY: University of Rochester Press, 2018. 337-350. Print. «

Kelly Martin, Associate Professor

Journal Paper: Hora, Matthew T., et al. "Exploring the Situated and Cultural Aspects of Communication in the Professions: Implications for Teaching, Student Employability, and Equity in Higher Education." *WCER Working Paper 11*. (2018): 1-37. Web.

Journal Paper: Martin, Kelly Norris, et al. "Spewing Nonsense [or not]: Communication competence and socialization in optics and photonics workplaces." *Communication Education* 67. 4 (2018): 414-437. Print. «

Journal Paper: Leak, Anne E., et al. "Hidden factors that Influence Success in the Optics Workforce." *Physical Review Physics Education Research* 14. 1 (2018): 010136-1-010136-12. Web. «

Shows/Exhibits/Installations: Zwickl, Ben. *Workplace Contexts for Math and Communication Preparation*. By Kelly Norris Martin and Anne Emerson Leak. 13 May 2018. 2018 STEM For All Video Showcase, online. Performance. £

Published Conference Proceedings: Young, Nicholas T., et al. "Models of Math Use in Non-Academic Workplace Settings." *Proceedings of the Physics Education Research Conference 2017 Part of the PER Conference series*. Ed. American Association of Physics Teachers. Cincinnati, Ohio: n.p., 2018. Web. «

Published Conference Proceedings: Zwickl, Benjamin M., et al. "Characterizing analytical and computational mathematics use during PhD research." *Proceedings of the Physics Education Research Conference 2017 Part of the PER Conference series*. Ed. American Association of Physics Teachers. Cincinnati, Ohio: n.p., 2018. Web. «

Jonathan Schroeder, Professor

Journal Paper: Borgerson, Janet and Jonathan Schroeder. "Review of Vinyl Freak: Love Letters to a Dying Medium, by John Corbett." *Popular Music and Society* 41. 1 (2018): 89-90. Print. £

Invited Article/Publication: Schroeder, Jonathan and Janet Borgerson. "How Stereo was First Sold to a Skeptical Public." *The Conversation*. (2018). Web. Δ

Invited Keynote/Presentation: Schroeder, Jonathan and Janet Borgerson. "Designed for Hi-Fi Living: The Vinyl LP in Midcentury America." *Arthur Zankel Lecture*. Skidmore College. Saratoga Springs, NY. 15 Nov. 2018. Lecture. Δ

Invited Keynote/Presentation: Schroeder, Jonathan. "August Strindberg and Visual Culture." *Art Initiative*. Stockholm School of Economics. Stockholm, Sweden. 30 Oct. 2018. Lecture. Δ

Invited Keynote/Presentation: Borgerson, Janet and Jonathan Schroeder. "Designed for Hi-Fi Living: The Vinyl LP in Midcentury America." *Modernism Week*. Palm Springs Modernism Week. Palm Springs, CA. 17 Feb. 2018. Lecture. Δ

Invited Keynote/Presentation: Schroeder, Jonathan and Janet Borgerson. "Designed for Hi-Fi Living: The Vinyl LP in Midcentury America." *Advanced Management Seminars*. Bath University. Bath, UK. 11 Apr. 2018. Lecture. Δ

Book Chapter: Schroeder, Jonathan. "Robert Wilson's Photographic Elements of A Dream Play." *August Strindberg and Visual Culture: The Emergence of Optical Modernity in Image, Text and Theatre*. Ed. Jonathan Schroeder, Anna Westerthal Stenport, and Eszter Szalczar. New York, NY: New York, 2018. 135-140. Print. Δ

Featured Faculty

JOSEPHINE WOLFF'S RESEARCH FOCUSES ON CYBERSECURITY ISSUES THAT LIE AT THE INTERSECTION OF POLICY, LAW, AND ECONOMICS, INVESTIGATING QUESTIONS SUCH AS HOW SHOULD COMPUTER SECURITY BE MEASURED AND WHO SHOULD BE HELD ACCOUNTABLE WHEN CYBERSECURITY INCIDENTS OCCUR. FOR INSTANCE, HER BOOK "YOU'LL SEE THIS MESSAGE WHEN IT IS TOO LATE": THE LEGAL AND ECONOMIC AFTERMATH OF CYBERSECURITY BREACHES(MIT PRESS, 2018) EXPLORES WHAT HAPPENS AFTER LARGE-SCALE SECURITY BREACHES, INCLUDING RANSOMWARE, ECONOMIC ESPIONAGE, AND DENIAL-OF-SERVICE ATTACKS, COMBING THROUGH CLASS-ACTION LAWSUITS AND FINANCIAL FILINGS TO ESTABLISH WHO ENDS UP PAYING FOR THESE INCIDENTS AND HOW POLICY-MAKERS CAN ADJUST THE INCENTIVES THAT ORGANIZATIONS HAVE TO INVEST IN STRONGER SECURITY MEASURES. SHE RELIES ON A COMBINATION OF LEGAL AND ECONOMIC ANALYSIS, AS WELL AS POLICY ASSESSMENT TOOLS, TO EXPLORE THE IMPACTS OF CYBERSECURITY POLICIES AND THE OPPORTUNITIES FOR SOCIO-TECHNICAL INTERVENTIONS IN COMPUTER SECURITY.

She and MIT economist William Lehr have a joint project, funded by Cisco, to assess the economic impacts of cloud-based data breaches and the role of cyber-insurance in helping organizations manage these risks. Their work has been published in the annual Research Conference on Communications, Information and Internet Policy, as well as the Georgetown Journal of International Affairs. Another area of focus has been the unintended consequences of layering different types of cybersecurity controls together to create defense-in-depth and relying on unsubstantiated notions of "best practice" to guide security instead of strong empirical evidence. This work has been published in the Hawaii International Conference on System Sciences and the Journal of Management Information Systems.

A member of the extended faculty of the Computing Security department, as well as the RIT Center for Cybersecurity, she collaborates regularly with students and colleagues at RIT and has had opportunities to work with collaborators from natural language processing, psychology, human-computer interaction, and business on issues of cybersecurity related to their own fields.

JOSEPHINE WOLFF
ASSISTANT PROFESSOR
DEPARTMENT OF PUBLIC POLICY

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UNIVERSITY PHOTOGRAPHER



Invited Article/Publication: Schroeder, Jonathan and Janet Borgerson. "Midcentury Visions of Christmas in New York." Medium. (2018). Web. Δ

Invited Article/Publication: Schroeder, Jonathan and Janet Borgerson. "Elections and Patriotism on Midcentury Vinyl." MIT Press blog. (2018). Web. Δ

Journal Paper: Borgerson, Janet and Jonathan Schroeder. "Making Skin Visible: How Consumer Culture Imagery Commodifies Identity." Body & Society 24. 1-2 (2018): 103-136. Print. «

Full Length Book: Schroeder, Jonathan, Anna Westerthal Stenport, and Eszter Szalczer, eds. August Strindberg and Visual Culture: The Emergence of Optical Modernity in Image, Text and Theatre. New York, NY: Bloomsbury, 2018. Print. *

Book Chapter: Szalczer, Eszter, Anna Westerthal Stenport, and Jonathan Schroeder. "Introduction: Visual Culture, August Strindberg, and The Double Image of Modernity." August Strindberg and Visual Culture: The Emergence of Optical Modernity in Image, Text and Theatre. Ed. Jonathan Schroeder, Anna Westerthal Stenport, and Eszter Szalczer. New York, NY: Bloomsbury, 2018. 1-17. Print.

Xiao Wang, Associate Professor

Journal Paper: Wang, Xiao. "The Role of Personal Experience, Media Exposure, and Trust in Scientists and Media in Americans' Perceptions of Personal and Impersonal Risks Related to Global Warming." International Journal of Global Warming 16. (2018): 320-336. Print. *

Journal Paper: Wang, Xiao. "The Role of Future Orientation, Cultural Worldviews, Attitudinal Motivations, and Collective Efficacy in Predicting Policy Support to Alleviate Global Warming." International Journal of Public Opinion Research 30. (2018): 493-503. Print. «

Journal Paper: Wang, Xiao. "Responses to HIV Public Service Announcements: The Mediating Role of Attitude Toward the ad and Identification with the Spokesperson." Intercultural Communication Studies 27. (2018): 114-124. Print. «

Journal Paper: Wang, Xiao and Lin Lin. "How Climate Change Risk Perceptions are Related to Moral Judgment and Guilt in China." Climate Risk Management 20. (2018): 155-164. Print. «

Journal Paper: Wang, Xiao and Xiaoquan Zhao. "The Mediating Role of Temporal Considerations on the Effects of Self-affirmation on Audience Responses to Organ Donation Messages." Health Communication 33. (2018): 148-155. Print. «

Journal Paper: Wang, Xiao. "The Role of Attitude Functions and Collective Efficacy in Chinese Consumers' Intentions to Engage in Behaviors to Alleviate Global Warming." Journal of Social Psychology 158. (2018): 51-63. Print. «

Journal Paper: Wang, Xiao and Lin Lin. "The Relationships Among Actual Weather Events, Perceived Unusual Weather, Media use, and Global Warming Belief Certainty in China." Weather, Climate, and Society 10. (2018): 137-144. Print. «

Tracy Worrell, Associate Professor

Full Length Book: Worrell, Tracy R. Disability in the Media: Examining Stigma and Identity. Lanham, MD: Lexington Books, 2018. Print. «

Invited Keynote/Presentation: Worrell, Tracy R. and Kelly N. Martin. "Measuring Design Principles: Comparing the Perception of Two Cultures." International Communication Association. International Communication Association. Prague, CR. 22 May 2018. Conference Presentation. *

Department of Criminal Justice

Irshad Altheimer, Associate Professor

Invited Paper: McCluskey, John, et al. "Data Science and Criminal Justice: An Invitation and Cautionary Note." *ACJS Today*. (2018). Web. Δ

John McCluskey, Professor

Invited Article/Publication: McCluskey, John, et al. "Data science and criminal justice: An invitation and cautionary note." *ACJS Today*. (2018). Web. Δ

Judy L Porter, Professor

Journal Paper: Porter, Judy L and LaVerne McQuiller Williams. "The Relationship between Family of Origin Violence, Interpersonal Victimization, and Race/Ethnicity in a College Sample." *Sage Open* 1. (2018): 54-62. Web. «

Journal Paper: Porter, Judy L, LaVerne McQuiller Williams, and Kristy Love. "Interaction of Auditory Status, Child Maltreatment, and Victimization of Intimate Partner Violence." *Athens Journal of Social Sciences* 6. 1 (2019): 1-18. Web. «

Published Conference Proceedings: Porter, Judy L and LaVerne McQuiller Williams. "Interaction of Auditory Status, Child Maltreatment, Victimization of Intimate Partner Violence." *Proceedings of the 12th Annual International Conference on Sociology*. Ed. Dr. Gregory T. Panikos. Athens, Greece, Greece: n.p., Web. £

Department of Economics

Amit Batabyal, Professor

Journal Paper: Batabyal, Amit and Hamid Beladi. "Advertising and Competition for Market Share Between a New Good Producer and a Remanufacturer." *German Economic Review* 19. (2018): 113-118. Print. *

Journal Paper: Batabyal, Amit and Seung Jick Yoo. "On the Provision of Guided Tours in Multiple Foreign Languages to Tourists." *Economics Bulletin* 38. (2018): 182-185. Web. *

Journal Paper: Batabyal, Amit and Seung Jick Yoo. "Schumpeterian Creative Class Competition, Innovation Policy, and Regional Economic Growth." *International Review of Economics and Finance* 55. (2018): 86-97. Print. *

Journal Paper: Batabyal, Amit. "Marital Infidelity: A Game-Theoretic Analysis." *Journal of Quantitative Economics* 16. (2018): 227-233. Print. *

Journal Paper: Batabyal, Amit and Hamid Beladi. "Artists, Engineers, and Aspects of Economic Growth in a Creative Region." *Economic Modelling* 71. (2018): 214-219. Print. *

Journal Paper: Batabyal, Amit and Peter Nijkamp. "On Pessimism and Optimism by Forward Looking Agents and the Need for Pensions." *Asia-Pacific Journal of Regional Science* 2. (2018): 1-14. Print. *

Journal Paper: Batabyal, Amit. "A Note on Local Public Good Induced Spillovers between a Leading and a Lagging Region." *Regional Science Inquiry* 10. (2018): 11-16. Print. *

Journal Paper: Batabyal, Amit and Hamid Beladi. "How Transport Costs Affect the Decision to Purchase a New or a Remanufactured Good." *Asia-Pacific Journal of Regional Science* 2. (2018): 529-542. Print. *

Journal Paper: Batabyal, Amit and Peter Nijkamp. "A Two-Sector Model of Creative Capital Driven Regional Economic Growth." *Journal of Quantitative Economics* 16. (2018): 831-840. Print. *

Journal Paper: Batabyal, Amit. "Creative Class Competition and Innovation in the Absence of Patent Protection." *International Trade, Politics and Development* 2. (2018): 57-66. Print. *

Journal Paper: Batabyal, Amit and Seung Jick Yoo. "A Note on Schumpeterian Competition in the Creative Class and Innovation Policy." *Regional Science Inquiry* 10. (2018): 119-125. Print. *

Journal Paper: Batabyal, Amit and Seung Jick Yoo. "A Measurement Issue Regarding the Link between a Region's Creative Infrastructure and its Income." *Regional Science Inquiry* 10. (2018): 127-132. Print. *

Journal Paper: Batabyal, Sanjana and Amit Batabyal. "Medical Decision-Making by Patients and Providers under Uncertainty and in the Presence of Antibiotic Resistance." *International Review of Economics and Finance* 58. (2018): 604-613. Print. *

Invited Keynote/Presentation: Batabyal, Amit. "New Technological Knowledge, Rural and Urban Agriculture, and Steady State Economic Growth." North American Regional Science Council Annual Conference. North American Regional Science Council. San Antonio, TX. 11 Nov. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Artists, Engineers, and Aspects of Economic Growth in a Creative Region." Southern Regional Science Association Annual Conference. Southern Regional Science Association. Philadelphia, PA. 15 Mar. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Artists, Engineers, and Aspects of Economic Growth in a Creative Region." European Regional Science Association Annual Congress. European Regional Science Association. Cork, Ireland. 28 Aug. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Schumpeterian Creative Class Competition, Innovation Policy, and Regional Economic Growth." Southern Regional Science Association Annual Conference. Southern Regional Science Association. Philadelphia, PA. 15 Mar. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Schumpeterian Creative Class Competition, Innovation Policy, and Regional Economic Growth." Uddevalla Symposium. Uddevalla Symposium. Lulea, Sweden. 25 Jun. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Schumpeterian Creative Class Competition, Innovation Policy, and Regional Economic Growth." European Regional Science Association Annual Congress. European Regional Science Association. Cork, Ireland. 28 Aug. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Schumpeterian Creative Class Competition, Innovation Policy, and Regional Economic Growth." City and Regional Planning Department Seminar Series. Cornell University. Ithaca, NY. 28 Sep. 2018. Address. *

Invited Keynote/Presentation: Batabyal, Amit. "Probabilistic Approaches to Cleaning the Ganges in Varanasi to Attract Tourists." Allied Social Science Association Annual Conference. Association of Indian Economic and Financial Studies. Philadelphia, PA. 4 Jan. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Probabilistic Approaches to Cleaning the Ganges in Varanasi to Attract Tourists." Southern Regional Science Association Annual Conference. Southern Regional Science Association. Philadelphia, PA. 16 Mar. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "The Magnification of a Lagging Region's Initial Economic Disadvantages on the Balanced Growth Path." The Regional Science Academy Workshop. The Regional Science Academy. Lulea, Sweden. 25 Jun. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "The Magnification of a Lagging Region's Initial Economic Disadvantages on the Balanced Growth Path." RAI Japan Section Annual Conference. RAI Japan Section. Sapporo, Japan. 9 Oct. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "The Magnification of a Lagging Region's Initial Economic Disadvantages on the Balanced Growth Path." North American Regional Science Council Annual Conference. North American Regional Science Council. San Antonio, TX. 11 Nov. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Preference Matching, Income, and Population Distribution in Urban and Adjacent Rural Regions." The Regional Science Academy Workshop. The Regional Science Academy. Cork, Ireland. 25 Aug. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Heterogeneity and the Provision of a Public Good in Leading and Lagging Regions." The Regional Science Academy Workshop. The Regional Science Academy. Sapporo, Japan. 11 Oct. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "A Safe Minimum Standard, an Elasticity of Substitution, and the Cleanup of the Ganges in Varanasi." RSAI Japan Section Annual Conference. RSAI Japan Section. Sapporo, Japan. 11 Oct. 2018. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "A Safe Minimum Standard, an Elasticity of Substitution, and the Cleanup of the Ganges in Varanasi." Graduate School of International Service Seminar Series. Sookmyung Women's University. Seoul, South Korea. 13 Oct. 2018. Address. *

Invited Keynote/Presentation: Batabyal, Amit. "Using Local Public Goods to Attract and Retain the Creative Class: A Tale of Two Cities." Cities-4People International Meeting. Jheronimus Academy of Data Science. 's-Hertogenbosch, Netherlands. 16 Nov. 2018. Conference Presentation. *

Published Review: Batabyal, Amit. "Book Review." Rev. of *Ants Among Elephants*, by S. Gidla. *Choice* 15 Mar. 2018: 651-652. Print. *

Published Review: Batabyal, Amit. "Book Review." Rev. of *The New Urban Crisis*, by R. Florida. *Regional Studies* 15 Jun. 2018: 310-311. Print. *

Published Review: Batabyal, Amit. "Book Review." Rev. of *China's Crony Capitalism*, by M. Pei. *Regional Science Policy and Practice* 15 Sep. 2018: 241-243. Print. *

Published Review: Batabyal, Amit. "Book Review." Rev. of *Hastening Slowly*, by M.S. Babu. *Regional Science Policy and Practice* 15 Sep. 2018: 405-406. Print. *

Published Review: Batabyal, Amit. "Book Review." Rev. of *Globalization and Inequality*, by E. Helpman. *Choice* 15 Oct. 2018: 508-509. Print. *

Invited Article/Publication: Batabyal, Amit. "China's Influence Expands as U.S. Throttles Back." *Rochester Business Journal*, 19 January. (2018). Print. ~

Invited Article/Publication: Batabyal, Amit. "Does Automation Equal End of Work?" *Rochester Democrat and Chronicle*, 24 February. (2018). Print. ~

Invited Article/Publication: Batabyal, Amit. "What is a Tariff? An Economist Explains." *The Conversation*, 15 March. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "What Meeting Your Spouse Online Has in Common With Arranged Marriage." *The Conversation*, 4 April. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "Why Does U.S. Health Care Cost So Much?" *Rochester Business Journal*, 13 April. (2018). Print. ~

Invited Article/Publication: Batabyal, Amit. "Boycott China and Avoid a Trade War." *The Conversation*, 4 May. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "Why China Can't Meet Trump's \$200 Billion Trade Demand." The Conversation, 20 May. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "The Decline of Coal: Should it be Reversed?" Rochester Business Journal, 1 June. (2018). Print. ~

Invited Article/Publication: Batabyal, Amit. "Rules-Based Trade Made the World Rich. Trump's Policies May Make it Poorer." The Conversation, 10 June. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "Lawsuit Against American Express Not Necessary." Rochester Business Journal, 13 July. (2018). Print. ~

Invited Article/Publication: Batabyal, Amit. "Is Trump Winning His Trade War with Europe?" The Conversation, 26 July. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "Misconceptions on Trade, Universal Basic Income." Rochester Business Journal, 7 September. (2018). Print. ~

Invited Article/Publication: Batabyal, Amit. "US-China Trade War: Why Trump's Tariffs Could Prove Futile." The Globe Post, 26 September. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "Taxes and Caps on Carbon Work Differently but Calibrating them Poses the Same Challenge." The Conversation, 19 October. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "How Should we Price Carbon: Tax or Cap-and-Trade?" The Globe Post, 25 October. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "Could a Recession be Just Around the Corner?" The Conversation, 6 December. (2018). Web. ~

Invited Article/Publication: Batabyal, Amit. "Should we Abolish the Mortgage Interest Tax Deduction?" Rochester Business Journal, 7 December. (2018). Print. ~

Journal Editor: Batabyal, Amit, ed. Letters in Spatial and Resource Sciences. Heidelberg, Germany: Springer Nature, 2018. Web.

Journal Editor: Editor, Amit Batabyal, Associate, ed. Journal of Regional Science. Medford, MA: Wiley, 2018. Print.

Journal Editor: Editor, Amit Batabyal, Associate, ed. Asia-Pacific Journal of Regional Science. Tokyo, Japan: Springer Nature, 2018. Print.

Journal Editor: Editor, Amit Batabyal, Associate, ed. Economics Bulletin. Nashville, TN: Economics Bulletin, 2018. Web.

Journal Editor: Council, Amit Batabyal, Editorial, ed. Review of Development Economics. Malden, MA: Blackwell, 2018. Print.

Journal Editor: Board, Amit Batabyal, Editorial, ed. Springer Nature Monograph Series New Frontiers in Regional Science: Asian Perspectives. Tokyo, Japan: Springer Nature, 2018. Print.

Shows/Exhibits/Installations: Batabyal, Amit. WXXI 1370 AM Rochester "Evening News". 17 Jan. 2018. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. WXXI 1370 AM Rochester "Connections with Evan Dawson". 6 Mar. 2018. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. WXXI 1370 AM Rochester "Connections with Evan Dawson". 1 Jun. 2018. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. Rochester Business Journal "Bizcast" Interview. 8 Jun. 2018. RIT, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. WXXI 1370 AM Rochester "Connections with Evan Dawson". 19 Dec. 2018. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. WXXI 1370 AM Rochester "Connections with Evan Dawson". 31 Dec. 2018. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. PBS Rochester Channel 11 "Need to Know". 15 Feb. 2018. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. NBC Rochester Channel 10 "News at 11pm". 8 May 2018. RIT, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. Spectrum Rochester Channel 1 "Evening News". 8 May 2018. RIT, Rochester. Performance.

Journal Paper: Batabyal, Amit and Seung Jick Yoo. "Schumpeterian Creative Class Competition, Innovation Policy, and Regional Economic Growth." Munich Personal RePEc Archive Paper No. 83891. (2018): 1-25. Web. *

Journal Paper: Batabyal, Amit and Peter Nijkamp. "Creative Capital, Information and Communication Technologies, and Economic Growth in Smart Cities." Munich Personal RePEc Archive Paper No. 83952. (2018): 1-31. Web. *

Journal Paper: Batabyal, Amit and Seung Jick Yoo. "On the Provision of Guided Tours in Multiple Foreign Languages to Tourists." Munich Personal RePEc Archive Paper No. 84378. (2018): 1-10. Web. *

Journal Paper: Batabyal, Amit and Hamid Beladi. "How Transport Costs Affect the Decision to Purchase a New or a Remanufactured Good." Munich Personal RePEc Archive Paper No. 85315. (2018): 1-25. Web. *

Journal Paper: Batabyal, Amit and Hamid Beladi. "Probabilistic Approaches to Cleaning the Ganges in Varanasi to Attract Tourists." Munich Personal RePEc Archive Paper No. 86649. (2018): 1-21. Web. *

Journal Paper: Batabyal, Amit. "A Note on Local Public Good Induced Spillovers between a Leading and a Lagging Region." Munich Personal RePEc Archive Paper No. 87128. (2018): 1-15. Web. *

Journal Paper: Batabyal, Amit, Karima Kourtiti, and Peter Nijkamp. "New Technological Knowledge, Rural and Urban Agriculture, and Steady State Economic Growth." Munich Personal RePEc Archive Paper No. 87607. (2018): 1-25. Web. *

Journal Paper: Batabyal, Sanjana and Amit Batabyal. "Medical Decision-Making by Patients and Providers under Uncertainty and in the Presence of Antibiotic Resistance." Munich Personal RePEc Archive Paper No. 87810. (2018): 1-34. Web. *

Journal Paper: Batabyal, Amit. "Creative Class Competition and Innovation in the Absence of Patent Protection." Munich Personal RePEc Archive Paper No. 89604. (2018): 1-16. Web. *

Journal Paper: Batabyal, Amit, Yoshiro Higano, and Peter Nijkamp. "Introduction to Disease, Human Health, and Regional Growth and Development in Asia." Munich Personal RePEc Archive Paper No. 90266. (2018): 1-24. Web. *

Journal Paper: Batabyal, Amit and Henk Folmer. "Space and the Environment: An Introduction to the Special Issue." Munich Personal RePEc Archive Paper No. 90526. (2018): 1-15. Web. *

Priti Kalsi, Assistant Professor

Journal Paper: Kalsi, Priti. "The impact of U.S. Deportation of Criminals on Gang Development and Education in El Salvador." Journal of Development Economics 135. (2018): 433-448. Print. *

Jeffrey Wagner, Professor

Journal Paper: Hellman, Kelly, et al. "Estimating the Economic Impact of Stormwater Runoff in the Allen Creek Watershed." *Ecological Economics* 145. (2018): 420-429. Print. «

Journal Paper: Sprague, Christopher and Jeffrey Wagner. "Economic Motivations for Software Bug Bounties." *Economics Bulletin* 38. 1 (2018): 550-557. Web. «

Department of English

Cecilia Alm, Associate Professor

Published Conference Proceedings: Haduong, Nikita, et al. "Multimodal Alignment for Affective Content." *Proceedings of the Proceedings of the Workshop of Affective Content Analysis (at AAAI 2018)*. Ed. Niyati Chhaya, Kokil Jaidka, and Lyle H. Ungar. New Orleans, North America: Association for the Advancement of Artificial Intelligence, 2018. Web. «

Published Conference Proceedings: Medina, Rebecca, et al. "Sensing Behaviors of Students in Online vs. Face-to-face Lecturing Contexts." *Proceedings of the Proceedings of the Workshop on Human-Centered Computational Sensing (at PerCom 2018)*. Ed. Cecilia O. Alm, Reynold Bailey, and Ehsan Hoque. Athens, Greece: 2018 IEEE International Conference on Pervasive Computing and Communications Workshops, 2018. Web. *

Published Conference Proceedings: Diaz, Yancarlos, et al. "Towards an Affective Video Recommendation System." *Proceedings of the Proceedings of the Workshop on Human-Centered Computational Sensing (at PerCom 2018)*. Ed. Cecilia O. Alm, Reynold Bailey, and Ehsan Hoque. Athens, Greece: 2018 IEEE International Conference on Pervasive Computing and Communications Workshops, 2018. Web. *

Published Conference Proceedings: Tornblad, McKenna K., et al. "Sensing and Learning Human Annotators Engaged in Narrative Sense-making." *Proceedings of the Proceedings of the Student Research Workshop (at NAACL 2018)*. Ed. Silvio Ricardo Cordeiro, Shereen Oraby, Uma-shanthi Pavalanathan, and Kyeongmin Rim. New Orleans, Louisiana: Association for Computational Linguistics, 2018. Web. «

Published Conference Proceedings: Meyers, Benjamin S, et al. "A Dataset for Identifying Actionable Feedback in Collaborative Software Development." *Proceedings of the Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics (Volume 2: Short Papers)*. Ed. Iryna Gurevych and Yusuke Miyao. Melbourne, Australia: Association for Computational Linguistics, 2018. Web. «

Published Conference Proceedings: Vaidyanathan, Preethi, et al. "SNAG: Spoken Narratives and Gaze Dataset." *Proceedings of the Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics (Volume 2: Short Papers)*. Ed. Iryna Gurevych and Yusuke Miyao. Melbourne, Australia: Association for Computational Linguistics, 2018. Web. «

Published Conference Proceedings: Shea, Jordan E., Cecilia O. Alm, and Reynold Bailey. "Contemporary Multimodal Data Collection Methodology for Reliable Inference of Authentic Surprise." *Proceedings of the Proceedings of the 2018 IEEE Western New York Image and Signal Processing Workshop (WNYISPW)*. Ed. Ray Ptucha. Rochester, New York: IEEE, 2018. Web. *

A.J. Caschetta, Principal Lecturer

Published Review: Caschetta, A.J. "Review." *Rev. of Engineers of Jihad: The Curious Connection Between Violent Extremism and Education*, by Diego Gambetta and Steffen Hertog. *Middle East Quarterly* Jan. 2018: NA. Web. ~

Published Review: Caschetta, A.J. "Review." *Rev. of Hacking ISIS: How to Destroy the Cyber Jihad*, by Malcolm Nance and Chris Sampson. *Middle East Quarterly* Apr. 2018: NA. Web. ~

Published Review: Caschetta, A.J. Rev. of Words Are Weapons: Inside ISIS's Rhetoric of Terror, by Philippe-Jose Salazar. Middle East Quarterly Oct. 2018: NA. Web. £

Journal Paper: Caschetta, A.J. "A New Era at the State Department?" Modern Diplomacy. February 25 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "The Saudi Arabia-Middle East Studies Love Affair Is Over." New English Review. March 19 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "What Will Middle East Studies Do Without Alwaleed bin Talal?" The Jerusalem Post. March 21 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "The Palestinians' Kite Jihad." The Algemeiner. April 24 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Any North Korean Nuclear Deal Must Involve Iran's Nuclear Program." The Hill. May 2 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Trump Hasn't Earned a Nobel, But the Peshmerga Have." The Hill. May 10 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Democrats' Mismatched Outrage Over Gina Haspel." New English Review. May 16 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "The True Commander in Tweet." The Hill. May 19 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "New Developments in Suicide Terrorism." Jihad Watch. May 24 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "The Folly of Proportionate Warfare." American Spectator. May 25 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Palestinians Hoisted By Their Own Petard." Jewish News Syndicate. May 30 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "No Surprise that MESA Opposes the Anti-Semitism Awareness Act." Jewish News Syndicate. June 11 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Kuwait Seizes the Palestinian Cause." The Jerusalem Post. June 16 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "What Prina Peri Tells Us About Israel Studies." American Spectator. June 29 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "The Jewish Voice for Palestine." The Tower. July 5 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Exploring Sharia Law and Radical Islam." The Algemeiner. August 15 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Has the State Department Finally Given Up its Palestinian Fantasies?" Washington Examiner. September 20 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Erdogan's Revolution Looks Like Khomeini's – In Slow Motion." The Gatestone Institute. October 10 (2018): NA. Web. Δ

Journal Paper: Caschetta, A.J. "Why Are U.S. Academics Attending a Conference Led by a Terror Supporter in Erdogan's Turkey?" The Tower. October 22 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "The Whitewashing of Jamal Khashoggi, Friend of Osama bin Laden." Jewish News Syndicate. October 23 (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Iran as a Crazy State." New English Review. November (2018): NA. Web. £

Journal Paper: Caschetta, A.J. "Columbia University's Center for Palestine Studies: Ramallah on the Hudson." The Tower. November 19 (2018): NA. Web. £

Robert D Glick, Associate Professor

Book Chapter: Glick, Robert. "Questions for Anesthesiologists." The Masters Review Volume VII. Portland, OR: The Masters Review, 2018. 71-96. Print. *

Journal Paper: Glick, Robert. "The Last Remembered Intersection." The Los Angeles Review. April (2018): <http://losangelesreview.org/last-remembered-intersection-robert-glick/>. Web. *

Trent Hergenrader, Assistant Professor

Full Length Book: Hergenrader, Trent. Collaborative Worldbuilding for Writers and Gamers. London, UK: Bloomsbury Academic, 2018. Print. £

Published Game, Application or Software: Hergenrader, Trent. Collaborative Worldbuilding Deck. Game. MAGIC Spell Studios. 2018.

Journal Editor: Hergenrader, Trent, ed. Journal of Creative Writing Studies. Rochester, NY: RIT Publishing Studio, 2018. Web. *

Invited Keynote/Presentation: Hergenrader, Trent. "Collaborative Worldbuilding for Writers and Gamers." NASAGA Annual Conference 2018. NASAGA (North American Simulation and Gaming Association). Rochester, NY. 17 Oct. 2018. Keynote Speech.

Laura A Shackelford, Associate Professor

Published Conference Proceedings: Laura, Shackelford,. "R(e)orienting Poetics and Technics of Living Forms: Christian Bök's The Xenotext: Book I." Proceedings of the 7th International Colloquium on the Philosophy of Technics: Literature, Culture, and Politics. Ed. Berti, Agustín. Cordoba, Argentina: n.p., 2018. Web. Δ

Invited Article/Publication: Laura, Shackelford,. "Entry in Web Companion to Amaranth Borsuk's The Book, MIT Press." Essential Knowledge: The Book. (2018). Web. Δ

Department of History

Michael J Brown, Assistant Professor

Book Chapter: Brown, Michael J. "Commemoration and Contestation: Susan B. Anthony, Frederick Douglass, Hillary Clinton, and Barack Obama." Nasty Women and Bad Hombres: Gender and Race in the 2016 US Presidential Election. Rochester, NY: University of Rochester Press, 2018. 121-134. Print. ~

Tamar Carroll, Associate Professor

Full Length Book: Tamar, Carroll, Christine Kray, and Hindal Mandell. Nasty Women and Bad Hombres: Gender and Race in the 2016 US Presidential Election. Rochester, NY: University of Rochester Press, 2018. Print. *

Shows/Exhibits/Installations: Multiple, . "Whose Streets? Our Streets!": New York City, 1980-2000. By Tamar Carroll and Josh Meltzer. Nov. 2018. William Harris Gallery, RIT, Rochester. Exhibit.

Published Review: Carroll, Tamar. Rev. of Abortion After Roe, ed. April Haynes. CLGBTH Newsletter Dec. 2018: 16-18. Print. ~

Michael S Laver, Associate Professor

Journal Paper: Laver, Michael. "Seeing History in New Ways: Woodblock Prints and the Historical Imagination." World History Connected. October (2018): N/A. Web. ~

Published Review: Laver, Michael. Rev. of Government by Mourning: Death and Political Integration in Japan, 1603-1912, by Atsuko Hirai. The Journal of Japanese Studies Dec. 2018: 195-199. Print.

Richard Newman, Professor

Full Length Book: Newman, Richard. Abolitionism: A Very Short Introduction. New York, NY: Oxford University Press, 2018. Print. *

Book Chapter: Newman, Richard. "Allen's Knee." *Protesting on Bended Knee*. Fargo, North Dakota: The Digital Press, 2018. 3. Web. Δ

Rebecca Scales, Associate Professor

External Scholarly Fellowships/National Review Committee:

6/1/2018 -
6/31/2019
National Endowment for the Humanities
Fellowship
Amount: \$50,000
*

External Scholarly Fellowships/National Review Committee:

1/1/2019 -
12/12/2019
American Council of Learned Societies
Fellowship (declined)
Amount: \$50,000
*

National/International Competition Award

Winner: Scales, Rebecca P. *Institute for French Studies*, NYU. Honorable Mention, Lawrence Wylie Prize in French Cultural Studies for *Radio and the Politics of Sound in Interwar France*. New York, NY, 2018.

Book Chapter: Scales, Rebecca P. "Jacques Lusseyran et l'étranger: regards sur l'Amérique." *Jacques Lusseyran entre cécité et lumière*. Ed. Marion Chottin, Cecile Roussel, and Zina Weygand. Paris, France: Editions rue de l'Ulm, Presses de l'Ecole normale supérieure, 2019. 87-104. Print. Δ

Full Length Book: Scales, Rebecca P. *Radio and the Politics of Sound in Interwar France*. paperback ed. Cambridge, UK: Cambridge University Press, 2018. Print. *

Published Review: Scales, Rebecca P. Rev. of *Across the Waves: How the United States and France Shaped the International Age of Radio*, by Derek W. Vailliant. *Business History Review* 16 Nov. 2018: 570-572. Print.

Corinna Schlombs, Assistant Professor

Invited Keynote/Presentation: Schlombs, Corinna. "Computing's Workforce: Women Key-punch Operators, Gender, and Class in Banking Automation." *Technikhistorische Tagung*. Eisenbibliothek. Schaffhausen, Switzerland. 16 Nov. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Schlombs, Corinna. "Supporting and Awarding Historical Research and Publication." Annual Meeting. Society of the History of Technology. St. Louis, MO. 12 Oct. 2018. Conference Presentation. £

Invited Keynote/Presentation: Schlombs, Corinna. "Productivity for European Economic Recovery: Statistical Expertise, Quantification, and Power in the Marshall Plan." Annual Meeting. Society for Historians of American Foreign Relations. Philadelphia, PA. 22 Jun. 2018. Conference Presentation. £

Invited Keynote/Presentation: Schlombs, Corinna. "German and US Labor Unions, Productivity, and Technological Innovation Before and After World War II." Annual Meeting. Business History Conference. Baltimore, MA. 7 Apr. 2018. Conference Presentation. £

Department of Modern Languages and Cultures

Zhong Chen, Assistant Professor

Book Chapter: Chen, Zhong and John Hale. "Parsing Chinese relative clauses with syntactic and non-syntactic cues." *Topics in Theoretical Asian Linguistics*. Ed. Edith Aldridge and Kunio Nishiyama. Amsterdam, Netherlands: John Benjamins, 2018. 253-283. Print. *

Peer Reviewed/Juried Poster Presentation: Chen, Zhong. "Determinants of Inhibitory Interference in Processing Reflexive-antecedent Dependencies." *Proceedings of the The 40th annual meeting of the Cognitive Science Society*. Ed. . Madison, WI: n.p.. «

Peer Reviewed/Juried Poster Presentation:

Chen, Zhong. "Interference type and distractor prominence in processing reflexive- antecedent dependencies." Proceedings of the The 31st CUNY Conference on Human Sentence Processing. Ed. . Davis, CA: n.p.. «

Elisabetta DAmanda, Principal Lecturer

Shows/Exhibits/Installations: Vignelli, Massimo and Lella. The Vignelli Legacy. By Roger Remington and Elisabetta D'Amada. 10 Mar. 2018. Embassy of Italy, Washington, D.C. Exhibit.

*Department of Performing Arts and Visual Culture***Juilee Decker, Associate Professor**

Journal Editor: Juilee, Decker,, ed. Collections: A Journal for Archives and Museum Professionals. Lanham, MD: Rowman & Littlefield, 2018. Print. *

Shows/Exhibits/Installations: Studies, RIT Archives & Museum. The Stories They Tell 5. 3 Oct. 2018. Wallace Library, RIT, Rochester, NY. Exhibit.

Peer Reviewed/Juried Poster Presentation:

Juilee, Decker,. "Inclusive Museum Practices (House of Mercy Project)." Proceedings of the 2018 Engaged Scholarship & Teaching Faculty Symposium. Ed. NONE. Rochester, NY: n.p.. ~

Rebecca J DeRoo, Associate Professor

Invited Keynote/Presentation: DeRoo, Rebecca J. "Documentary and the Multimedia Museum." Annual Conference. Society for Cinema and Media Studies. Toronto, Canada. 14 Mar. 2018. Conference Presentation. «

Invited Keynote/Presentation: DeRoo, Rebecca J. "Challenging Feminine Ideals in 1950s France: Agnes Varda's Carnet de notes filmees par une femme enceinte." International Feminist Art History Conference. American University. Washington, DC. 30 Sep. 2018. Conference Presentation. «

Invited Article/Publication: DeRoo, Rebecca J. "Agnes Varda: Multimedia Artist." Sight and Sound. (2018). Print. Δ

Invited Keynote/Presentation: interview, Neda Ulaby and with Rebecca DeRoo. "The Oscar Elders: 3 Octogenarians Make Academy Award History." Weekend Edition. National Public Radio. Culver City, California. 1 Mar. 2018. Address.

Invited Keynote/Presentation: DeRoo, Rebecca J. "Women in Film." Book Launch Series. RIT College of Liberal Arts. Rochester, NY. 28 Mar. 2018. Lecture. ~

National/International Competition Award

Winner: DeRoo, Rebecca J. Kraszna-Krausz Foundation. Finalist, Book Award in Moving Image (Cinema and Media Studies). London, UK, 2018. ~

Michael E Ruhling, Professor

Published Review: Ruhling, Michael E. "Book Review: Raymond Knapp, Making Light: Haydn, Musical Camp, and the Long Shadow of German Idealism." Rev. of Making Light: Haydn, Musical Camp, and the Long Shadow of German Idealism., by Raymond Knapp. HAYDN: Online Journal of the Haydn Society of North America 1 May 2018: Reviews. Web.

*Department of Philosophy***Silvia Benso, Professor**

Full Length Book: Benso, Silvia and Brian Schroeder, eds. Thinking the Inexhaustible: Art, Interpretation, and Freedom in the Philosophy of Luigi Pareyson. Albany, NY: SUNY Press, 2018. Print. «

Book Chapter: Benso, Silvia and Brian Schroeder. "Introduction: Thinking the Inexhaustible." Thinking the Inexhaustible: Art, Interpretation, and Freedom in the Philosophy of Luigi Pareyson. Ed. Silvia Benso and Brian Schroeder. Albany, NY: SUNY Press, 2018. 1-9. Print. «

Book Chapter: Benso, Silvia. "Luigi Pareyson: A Master in Italian Hermeneutics." *Thinking the Inexhaustible: Art, Interpretation, and Freedom in the Philosophy of Luigi Pareyson*. Ed. Silvia Benso and Brian Schroeder. Albany, NY: SUNY Press, 2018. 11-28. Print. «

Book Chapter: Benso, Silvia. "The Breathing of the Air: Pre-Socratic Echoes in Levinas." *Atmospheres of Breathing*. Ed. Lenart Škof and Petri Berndtson. Albany, NY: SUNY Press, 2018. 83-98. Print. «

Book Chapter: Benso, Silvia. "Lost in Translation: Luigi Pareyson e gli studi pareysoniani in ambito anglosassone [Luigi Pareyson and Pareyson Scholarship in the Anglophone World]." *Annuario Filosofico* 33 (2017). Milan, Italy: Mursia, 2018. 195-207. Print. Δ

Invited Keynote/Presentation: Benso, Silvia. "Lost in Translation: Luigi Pareyson nel mondo anglosassone." *Luigi Pareyson: Philosophie und Religiöse Erfahrung*. Katholische Akademie. Berlin, Germany. 2 Feb. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Benso, Silvia. "Perplexing Beauty: A Short Commentary on Jonathan Fine's 'The Guise of the Beautiful'." *Ancient Philosophy Society*. Emory University. Emory, GA. 27 Apr. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Benso, Silvia. "Resisting Reality: Vattimo's Ontology of Actuality as a Political Act." *Canadian Society for Italian Studies*. University of Ottawa. Ottawa, Canada. 11 May 2018. Conference Presentation. ~

Invited Keynote/Presentation: Benso, Silvia. "The Death of the Author: On Mario Perniola and Italian Aesthetics." *Society for Italian Philosophy at SPEP*. Penn State University. State College, PA. 19 Oct. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Benso, Silvia. "Reality, Realism, Resistance: On Vattimo's Ontology of Actuality." *Australasian Society for Continental Philosophy*. Western Sydney University. Sydney, Australia. 23 Nov. 2018. Conference Presentation. Δ

Evelyn Brister, Associate Professor

Book Chapter: Brister, Evelyn. "Objectivity in Science: The Impact of Feminist Accounts." *The Bloomsbury Companion to Analytic Feminism*. Ed. Pieranna Garavaso. New York, NY: Bloomsbury, 2018. 151-165. Print. ~

Book Chapter: Brister, Evelyn. "Proceduralism and Expertise in Local Environmental Decision-Making." *A Sustainable Philosophy: The Work of Bryan Norton*. Ed. Ben Minteer and Sahotra Sarkar. Cham, Switzerland: Springer, 2018. 151-165. Print. ~

Published Review: Brister, Evelyn. Rev. of *Living Well Now and in the Future*, by Randall Curren and Ellen Metzger. *Environmental Values* Oct. 2018: 594-596. Print. Δ

John Capps, Professor

Journal Paper: Capps, John. "Even Worse Than It Seems: Transformative Experience and the Selection Problem." *Journal of Philosophical Research* 43. (2018): 113-124. Print. *

Journal Paper: Capps, John. "Did Dewey Have a Theory of Truth?" *Transactions of the Charles S. Peirce Society* 54. (2018): 39-63. Print. *

Journal Paper: Capps, John. "The Case for Discussion-Intensive Pedagogy." *APA Newsletter on Teaching Philosophy* 17. 2 (2018): 5-11. Print. *

Book Chapter: Capps, John. "The Pragmatic Origins of Ethical Expressivism: Stevenson, Dewey, and the International Encyclopedia of Unified Science." *Pragmatism and the European Traditions: Encounters with Analytic Philosophy and Phenomenology Before the Great Divide*. Ed. S. Marchetti M. Baghramian and M. Baghramian. New York, NY: Routledge, 2018. 187-202. Print. Δ

Journal Paper: Capps, John. "From Global Expressivism to Global Pragmatism." *Metaphilosophy* 49. (2018): 71-89. Print. «

Department of Political Science

Nathan Dinneen, Associate Professor

Journal Paper: Dinneen, Nathan. "The Corinthian Thesis: The Oratorical Origins of the Idea of the Balance of Power in Herodotus, Thucydides, and Xenophon." *International Studies Quarterly* 62. 4 (2018): 857-866. Print. «

Department of Psychology

Caroline M DeLong, Associate Professor

Invited Keynote/Presentation: Pluck, Ryan, et al. "Local and Global Processing in North American River Otters (*Lontra Canadensis*).\" RIT Undergraduate Research Symposium. Rochester Institute of Technology. Rochester, NY. 3 Aug. 2018. Conference Presentation. ~

Invited Keynote/Presentation: Morrison, Evan, et al. "Recognition of 2D Photo Representations of 3D Stimuli in Goldfish (*Carassius auratus*).\" RIT Graduate Showcase. Rochester Institute of Technology. Rochester, NY. 16 Nov. 2018. Conference Presentation. ~

Invited Keynote/Presentation: Morrison, Evan, et al. "North American River Otters (*Lontra canadensis*) use Shape and Color to Discriminate Between 2D Objects.\" 25th Annual International Conference on Comparative Cognition. Comparative Cognition Society. Melbourne Beach, FL. 5 Apr. 2018. Conference Presentation. *

Invited Keynote/Presentation: DeLong, Caroline, et al. "Visual Discrimination of Rotated 3D Objects in Goldfish (*Carassius auratus*).\" 25th Annual International Conference on Comparative Cognition. Comparative Cognition Society. Melbourne Beach, FL. 6 Apr. 2018. Conference Presentation. *

Invited Keynote/Presentation: DeLong, Caroline, Catina Wright, and Ryan Pluck. "Three Research Studies on Visual Cognition in North American River Otters at the Seneca Park Zoo (*Lontra canadensis*).\" Animal Trainer Meeting. Seneca Park Zoo. Rochester, NY. 25 Jun. 2018. Lecture.

Journal Paper: Fobe, Irene and Caroline DeLong. "An Exploration of Auditory Rhythm Perception in African Penguins (*Spheniscus demersus*).\" *Proceedings of Meetings on Acoustics* 31. 10001 (2018): 1-13. Web. *

Journal Paper: DeLong, Caroline, et al. "Visual Discrimination of Geometric and Complex 2D Shapes in Goldfish (*Carassius auratus*).\" *Animal Behavior and Cognition* 5. 3 (2018): 300-319. Web. *

Journal Paper: DeLong, Caroline, et al. "North American River Otters (*Lontra canadensis*) Discriminate Between 2D Objects Varying in Shape and Color.\" *Learning and Behavior*. (2018): 1-14. Web. *

Journal Paper: DeLong, Caroline, et al. "Visual Perception of Planar-Rotated 2D Objects in Goldfish (*Carassius auratus*).\" *Behavioural Processes* 157. (2018): 263-278. Web. *

Nicholas DiFonzo, Professor

Journal Paper: DiFonzo, Nicholas, Anthony Alongi, and Paul Wiele. "Apology, Restitution, and Forgiveness after Psychological Contract Breach.\" *Journal of Business Ethics*. (2018): 1-17. Web. «

Book Chapter: DiFonzo, Nicholas. "Conspiracy Rumor Psychology.\" *Conspiracy Theories and the People Who Believe Them*. Ed. Joseph E. Uscinski. Oxford, UK: Oxford University Press, 2018. 257-268. Print. «

John Edlund, Associate Professor

Journal Paper: M, O'Donnell, Edlund J. E., and Sackett K. "Registered Replication Report: Dijksterhuis & van Knippenberg (1998).\" *Perspectives on Psychological Science* 13. 2 (2018): 268-294. Print. «

Journal Paper: J.E, Edlund,. "Sex Differences in Jealousy: The (Lack of) Influence of Researcher Theoretical Perspective." *Journal of Social Psychology* 158. 5 (2018): 515-520. Print. «

Journal Paper: R, McCarthy, and Edlund, J.E. "An Investigation of Abstract Construal on Impression Formation: A multi-lab replication of McCarthy and Skowronski (2011)." *International Review of Social Psychology* 18. 1 (2018): 1-6. Print. «

Stephanie A Godleski, Assistant Professor

Published Conference Proceedings: Godleski, Stephanie and Kimberly Kamper-DeMarco. "Maternal Alcohol and Tobacco use During Pregnancy: The Role of Mental Health and age of Initiation." *Proceedings of the Research Society on Alcoholism*, San Diego, CA; June 16-20, 2018. Ed. Henry R. Kranzler, M.D. Malden, MA: Wiley, 2018. Web. «

Published Conference Proceedings: Eiden, Rina, et al. "Early Childhood Risk and Protective Factors Predicting Resilience Against Adolescent Substance use." *Proceedings of the Research Society on Alcoholism*, San Diego, CA; June 16-20, 2018. Ed. Henry R. Kranzler, M.D. Malden, MA: Wiley, 2018. Web. «

Published Conference Proceedings: Godleski, Stephanie and Cory Crane. "Alcohol Problems and Aggression: Comparing Hearing and Deaf or Hard-of-hearing College Students." *Proceedings of the Research Society on Alcoholism*, San Diego, CA; June 16-20, 2018. Ed. Henry R. Kranzler, M.D. Malden, MA: Wiley, 2018. Web. «

Published Conference Proceedings: Crane, Cory and Stephanie Godleski. "Gender Differences in the Association Between Problematic Alcohol use and Cyber Aggression." *Proceedings of the Research Society on Alcoholism*, San Diego, CA; June 16-20, 2018. Ed. Henry R. Kranzler, M.D. Malden, MA: Wiley, 2018. Web. «

Published Conference Proceedings: Godleski, Stephanie and Rina Eiden. "Maternal Prenatal and Postnatal Alcohol use, Dysregulation, and Postnatal Alcohol use." *Proceedings of the Research Society on Alcoholism*, San Diego, CA; June 16-20, 2018. Ed. Henry R. Kranzler, M.D. Malden, MA: Wiley, 2018. Web. «

Journal Paper: Godleski, Stephanie, et al. "Co-use of tobacco and marijuana during pregnancy: Pathways to externalizing behavior problems in early childhood." *Neurotoxicology and Teratology* 69. (2018): 39-48. Print. «

Book Chapter: Godleski, Stephanie. "Theoretical Perspectives to Studying the Development of Relational Aggression." *The Development of Relational Aggression*. Ed. Jamie M. Ostrov and Sarah Coyne. New York, NY: Oxford Press, 2018. 76-89. Print. ~

Published Conference Proceedings: Joslyn, Emily and Stephanie Godleski. "The Effect of Maternal Substance use on Child Aggression." *Proceedings of the Developmental Neurotoxicology*, Clearwater Beach, FL June 23-27, 2018. Ed. Dr. Gale Richardson. Oxford, England: Elsevier, 2018. Web. «

Published Conference Proceedings: Godleski, Stephanie, et al. "Co-use of Tobacco and Marijuana During Pregnancy: Pathways to Externalizing Behavior Problems in Early Childhood." *Proceedings of the Developmental Neurotoxicology*, Clearwater Beach, FL; June 23-27, 2018. Ed. Dr. Gale Richardson. Oxford, England: Elsevier, 2018. Web. «

Suzanne B Graney, Associate Professor

Invited Keynote/Presentation: Bamonto, Suzanne M. "Response to Intervention and Working with Schools." *Learning Day*. Rochester General Hospital Developmental and Behavioral Pediatrics. Rochester, NY. 4 Jun. 2018. Lecture.

Peer Reviewed/Juried Poster Presentation:

Nixon, Tamara Gray, Suzanne M. Bamonto, and Lindsay S. Schenkel. "Emotion Recognition and Psychosocial Functioning in Youth with Bipolar Disorder." Proceedings of the National Association of School Psychologists, Chicago, IL, February 14, 2018. Ed. National Association of School Psychologists. Chicago, IL: n.p.. «

Invited Keynote/Presentation: Schenkel, Lindsay S. and Suzanne M. Bamonto. "School-based preventative interventions for children at increased risk for substance abuse." Finger Lakes Collegiate Task Force. Center for Public Safety Initiatives. Rochester, NY. 12 Apr. 2018. Conference Presentation. £

Rebecca Houston, Assistant Professor

Journal Paper: Quigley, Brian M., et al. "Alcohol, Self-regulation, and Partner Physical Aggression: Actor-Partner Effects over a Three Year Time Frame." *Frontiers in Behavioral Neuroscience* 12. (2018): 1-11. Web. *

Journal Paper: Houston, Rebecca J. and Nicolas J. Schlienz. "Event-related Potentials as an Index of Behavior Change in Substance Use Disorder Treatment." *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging* 3. (2018): 30-40. Print. *

Journal Paper: Pudane, Mara, et al. "Agent Based Model of Anger Contagion and its Correlations with Personality and Interaction Frequency." *International Journal of Education and Information Technologies*, 12. (2018): 7-12. Web. *

Journal Paper: Quigley, Brian M., et al. "Alcohol Use Moderates the Relationship between Symptoms of Mental Illness and Violence." *Psychology of Addictive Behaviors* 32. (2018): 770-778. Print. *

Lindsay S Schenkel, Associate Professor

Invited Keynote/Presentation: Schenkel, Lindsay. "Substance Use Among Youth: Where are we Going?" Men in Transition Meeting. Jewish Community Center. Rochester, NY. 5 Jun. 2018. Keynote Speech.

Peer Reviewed/Juried Poster Presentation: Gray-Nixon, Tamara, Suzanne M Bamonto, and Lindsay S Schenkel. "Emotion Recognition and Psychosocial Functioning in Youth with Bipolar Disorder." Proceedings of the National Association for School Psychologists. Ed. NASP. Chicago, IL: n.p.. *

Published Conference Proceedings: Schenkel, Lindsay S and Suzanne Bamonto. "School-based Preventative Interventions for Children at-risk for Substance Abuse." Proceedings of the Finger Lakes Task Force on Substance Abuse. Rochester, NY: n.p., 2018. Web. £

Peer Reviewed/Juried Poster Presentation: Popov, Victoria and Lindsay S Schenkel. "Interrelationships Between Child Maltreatment, Schizotypy, and Theory of Mind Impairments." Proceedings of the Association for Behavioral and Cognitive Therapies. Ed. ABCT. Washington DC, DC: n.p.. *

Tina M Sutton, Assistant Professor

Journal Paper: Sutton, Tina M. and Ciara Lutz. "Attentional Capture for Emotional Words and Images: The Importance of Valence and Arousal." *Canadian Journal of Experimental Psychology*. (2018): 1-8. Print. ~

Peer Reviewed/Juried Poster Presentation: Condry, Kirsten, et al. "Improving Learning in Psychology Research Methods by Enriching Statistics Instruction and Promoting Positive Mindset." Proceedings of the Association for Psychological Science Convention. Ed. N/A. San Francisco, CA: n.p.. ~

*Department of Science Technology and Society/
Public Policy*

Christine Keiner, Associate Professor

Invited Keynote/Presentation: Keiner, Christine. "Marine Environmental History from the Chesapeake Bay to the Panama Canal." National Endowment for the Humanities Summer Institute for College and University Faculty: The American Maritime People. Frank C. Munson Institute of American Maritime Studies, Mystic Seaport Museum. Mystic, Connecticut. 13 Jul. 2018. Guest Lecture.

Invited Keynote/Presentation: Keiner, Christine. "Invasive Species Research in the Great Lakes: A Brief and Selective History." Science and Technology Seminar. University of Rochester Laboratory for Laser Energetics. Rochester, New York. 13 Apr. 2018. Guest Lecture.

Invited Keynote/Presentation: Keiner, Christine. "Lake Ontario Levels and Plan 2014: Environmental Redemption or Disaster?" Lecture Series. RIT Osher Lifelong Learning Institute. Rochester, New York. 27 Sep. 2018. Guest Lecture.

Invited Keynote/Presentation: Keiner, Christine. "Panelist." Greenland Under the Arctic Sky. RIT College of Imaging Arts and Sciences, School of Photographic Arts and Sciences. Rochester, New York. 13 Sep. 2018. Lecture.

Invited Keynote/Presentation: Keiner, Christine. "From Fallout to Sea Snakes: The Panatomic Canal Debate and Pre-NEPA Environmental Impact Assessment." Society for the History of Technology. SHOT. St. Louis, Missouri. 13 Oct. 2018. Conference Presentation.

Journal Editor: Member, Editorial Board, ed. *Journal of the History of Biology*. Springer Netherlands: Springer, 2018. Print.

Qing Miao, Assistant Professor

Journal Paper: Miao, Qing, Yilin Hou, and Michael Abrigo. "Measuring the Financial Shocks of Natural Disasters: A Panel Study of U.S. States."

National Tax Journal 71. 1 (2018): 11-44. Print. *

Journal Paper: Zhang, Fengxiu, Eric Welch, and Qing Miao. "Public Organization Adaptation to Extreme Events: Mediating Role of Risk Perception." *Journal of Public Administration Research and Theory* 28. 3 (2018): 371-387. Print. *

Journal Paper: Wang, Yiwei and Qing Miao. "Implication of Replacing the Federal and State Fuel Taxes with a National Vehicle Miles Traveled Tax." *Transportation Research Records: Journal of the Transportation Research Board*. (2018): 1-11. Print. *

Invited Article/Publication: Miao, Qing. "The Fiscal Implications of Managing Natural Disasters for National and Subnational Governments." *Oxford Research Encyclopedia of Natural Hazard Science*. (2018). Web. *

Journal Paper: Miao, Qing, et al. "Public Transit Extreme Weather Risk Perceptions Climate Adaptation Climate Change." *Transportation Research Part D* 63. (2018): 421-432. Web. *

Journal Paper: Miao, Qing, et al. "What Drives Public Transit Organizations in the United States to Adapt to Extreme Weather Events?" *Journal of Environmental Management* 225. (2018): 252-260. Web. *

Journal Paper: Miao, Qing. "Are We Adapting to Floods? Evidence from Global Flooding Fatalities." *Risk Analysis*. (2018): 1-16. Web. *

Hang R Na

Invited Article/Publication: Na, Hang Ryeol. "Messages from the First Global Land Degradation Neutrality (LDN) Forum." Society of American Foresters International Forestry Working Group in affiliation with the International Society of Tropical Foresters Newsletter, September 2018. (2018). Web. ^

Josephine C Wolff, Assistant Professor

Full Length Book: Wolff, Josephine. You'll See This Message When It Is Too Late: The Legal and Economic Aftermath of Cybersecurity Breaches. Cambridge, MA: MIT Press, 2018. Print. *

Department of Sociology and Anthropology

Jeffrey Burnette, Assistant Professor

Invited Article/Publication: Burnette, Jeffrey. "Equal Pay Day and Data Equality for Native American Women." Washington Center for Equitable Growth. (2018). Web. Δ

Invited Keynote/Presentation: Burnette, Jeffrey D. "Statistical Termination or Fewer Self-Identified Students: What Is Causing the Decline in American Indian and Alaska Native College Enrollments?." Economics of Indigenous Peoples and Institutions. National Bureau of Economic Research. Cambridge, MA. 8 Nov. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Burnette, Jeffrey D., Jason Younker, and Richard Meyers. "Including Our Neighbors in the Land Grant Mission: Collaboration in and with Native Communities from STEM to Ag." Symposium on Tribal Outreach. Iowa State University. Ames, IA. 26 Mar. 2018. Lecture.

Conerly Casey, Associate Professor

Book Chapter: Casey, Conerly. "Sensory Politics and War: Affective Anchoring and Vitality in Nigeria and Kuwait." Political Sentiments and Social Movements: The Person in Politics and Culture. Ed. Claudia Strauss and Jack R. Friedman. Cham, Switzerland: Palgrave Macmillan, 2018. 147-174. Print. *

Invited Keynote/Presentation: Casey, Conerly. "Sensing Corruption: A Politics of Eco-Intimacy and Spirit Exorcism in Nigeria." Department of Anthropology. Cornell University. Ithaca, NY. 9 Feb. 2018. Lecture. Δ

Invited Keynote/Presentation: Casey, Conerly. "Panel Discussant, Qur'anic Schools in Northern Nigeria by Hannah Hoechner, Author Meets Critical Session." African Studies Association Annual Meeting. African Studies Association. Atlanta, GA. 1 Dec. 2018. Conference Presentation.

Christine Kray, Associate Professor

Full Length Book: Kray, Christine A., Tamar W. Carroll, and Hinda Mandell. Nasty Women and Bad Hombres: Gender and Race in the 2016 US Presidential Election. Rochester, NY: University of Rochester Press, 2018. Print. *

Invited Paper: Carroll, Tamar W., Christine A. Kray, and Hinda Mandell. "Public Memory and Reproductive Justice in the Trump Era." Nursing Clio. (2018). Web. ^

Invited Paper: Kray, Christine A., Hinda Mandell, and Tamar W. Carroll. "Republican Women Are Just Fine, Thank You, with Being Republican." The Conversation. (2018). Web. ^

Book Chapter: Kray, Christine A. "A Renaissance of Feminist Ritual: Susan B. Anthony's Gravesite on Election Day." Nasty Women and Bad Hombres: Gender and Race in the 2016 US Presidential Election. Ed. Christine A. Kray, Tamar W. Carroll, and Hinda Mandell. Rochester, NY: University of Rochester Press, 2018. 248-263. Print. *

Invited Paper: Kray, Christine A., Tamar W. Carroll, and Hinda Mandell. "Nasty Women and Bad Hombres: An Interview with Its Editors." Proofed: A Boydell & Brewer blog. (2018). Web. ^

Invited Keynote/Presentation: Kray, Christine A. "'Before you put an 'I Voted' Sticker on Susan B. Anthony's Grave, Remember she was a Racist': Sticky Imagery in the New Women's Movement." American Anthropological Association annual conference. American Anthropological Association. San Jose, CA. 26 Nov. 2018. Conference Presentation. ~

Invited Keynote/Presentation: Kray, Christine A. "A Renaissance of Feminist Ritual: Susan B. Anthony's Gravesite on Election Day." National Women's Studies Association annual conference. National Women's Studies Association. Atlanta, GA. 8 Nov. 2018. Conference Presentation. £

Invited Keynote/Presentation: Kray, Christine A. "'Before you put an 'I Voted' Sticker on Susan B. Anthony's Grave, Remember she was a Racist': Sticky Imagery in the New Women's Movement." American Ethnological Society annual meeting. American Ethnological Society. Philadelphia, PA. 24 Mar. 2018. Conference Presentation. £

Invited Keynote/Presentation: Church, Minette C., Christine A. Kray, and Jason Yaeger. "'An Indian Nation, whose Object Appears to be to Obtain Both from Britain and Mexico, the Recognition of her Independence': International Diplomacy, Trade, and the Maya of San Pedro." Society for Historic Archaeology annual conference. Society for Historic Archaeology. New Orleans, LA. 5 Jan. 2018. Conference Presentation. £

Uli Linke, Professor

Book Chapter: Linke, Uli. "ICONi(c)Cities: Global Imaginaries of Urban Dispossession." Urban Imaginaries: The Routledge Companion. Ed. Christoph Lindner and Miriam Meissner. New York, NY: Routledge, 2018. 345-358. Print. «

Invited Keynote/Presentation: Linke, Uli. "Grotesque Theatrics: Blood, Sex, and Toxic Masculinity." Joint Spring Conference meeting. American Ethnological Society and Visual Anthropology. Philadelphia, PA. 23 Mar. 2018. Conference Presentation. £

Invited Keynote/Presentation: Linke, Uli. "Grotesque Theatrics: Blood, Sex, and Toxic Masculinity." Change in the Anthropological Imagination-117th annual meeting. American Anthropological Association. San Jose, CA. 16 Nov. 2018. Conference Presentation. £

David C Meiggs, Assistant Professor

Book Chapter: Meiggs, David C., Benjamin S. Arbuckle, and Aliye Öztan. "The Pixelated Shepard: Identifying Detailed Land-use Practices at Chalcolithic Köşk Höyük, Central Turkey, Using a Strontium Isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) Isoscape." Isotopic Investigations of Pastoralism in Prehistory. Ed. Alicia R. Ventresca-Miller and Cheryl A. Makarewicz. New York, NY: Routledge, 2018. 77-95. Print. ~

Journal Paper: Chase, Brad, et al. "What is Left Behind: Advancing Interpretation of Pastoral Land-use in Harappan Gujarat Using Herbivore Dung to Examine Biosphere Strontium Isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) Variation." Journal of Archaeological Science 92. (2018): 1-12. Print. *

College of Science

Chester F. Carlson Center for Imaging Science

Charles Bachmann, Associate Professor

Journal Paper: Eon, Rehman S., Charles M. Bachmann, and Aaron Gerace. "Retrieval of Sediment Fill Factor by Inversion of a Modified Hapke Model Applied to Sampled HCRF from Airborne and Satellite Imagery." *Remote Sensing* 10. 11 (2018): 1758. Web. *

Journal Paper: Badura, Gregory P., et al. "A Novel Approach for Deriving LAI of Salt Marsh Vegetation Using Structure from Motion and Multi-Angular Spectra." *IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING*. (2018): 1 - 15. Web. *

Journal Paper: Bachmann, Charles M., et al. "A Low-Rate Video Approach to Hyperspectral Imaging of Dynamic Scenes." *Journal of Imaging* 5. 1 (2018): 6. Web. *

Peer Reviewed/Juried Poster Presentation: Eon, Rehman S., et al. "Improving Accuracy of Salt Marsh Aboveground Biomass using High-Spatial Resolution, Multi-View Hyperspectral Imaging Systems." *Proceedings of the AGU Fall Meeting*. Ed. AGU. Washington, DC: AGU. *

Peer Reviewed/Juried Poster Presentation: Goldsmith, Sarah, et al. "Assessing Salt Marsh Vulnerability Potential Through the use of High Resolution Hyperspectral Imagery." *Proceedings of the AGU Fall Meeting*. Ed. AGU. Washington, DC: AGU. *

Published Conference Proceedings: Tyler, Anna C., et al. "Addressing High Spatial Heterogeneity in Salt Marsh Primary Production Using High Resolution Remote Sensing." *Proceedings of the AGU Fall Meeting*. Ed. AGU. Washington, DC: AGU, 2018. Web. *

Roger Easton Jr, Professor

Invited Keynote/Presentation: Jr., Roger L. Easton, and David J. Kelbe. "Processing of Multi-spectral Imagery from St. Catherine's Monastery Based on Spectral Statistics." *New Light on Old Manuscripts, Recent Advances in Palimpsest Studies*. Austrian Academy of Sciences. Vienna, Austria. 25 Apr. 2018. Lecture.

Journal Paper: Jr., Roger L. Easton,, et al. "Spectral Imaging Methods Applied to the Syriac-Galen Palimpsest." *Manuscript Studies* 3. 1 (2018): 69-82. Print. £

James A. Ferwerda, Associate Professor

Journal Paper: Ferwerda, James A. "Lightweight estimation of surface BRDFs." *Journal of Imaging Science and Technology*. (2018): doi:10.2352/J. ImagingSci.Technol.2018.62.5.050407. Print. «

Published Conference Proceedings: Ferwerda, James A. "Lightweight Estimation of Surface BRDFs." *Proceedings of the IS&T 26th Color Imaging Conference*. Ed. . Vancouver, BC, CA: n.p., Print. £

Peer Reviewed/Juried Poster Presentation: Ferwerda, James A. "PsychoPysics: A Suite of Tools for Teaching Psychophysics Using PsychoPy." *Proceedings of the Vision Sciences Society Annual Meeting*. Ed. . St. Petersburg, FL: n.p.. «

Richard K. Hailstone, Associate Professor

Journal Paper: Zotta, Matthew, et al. "The Determination and Application of the Point Spread Function in the Scanning Electron Microscop." *Microscopy and Microanalysis* 24. (2018): 396-405. Print. £

Published Conference Proceedings: Lifshin, Eric, et al. "Some Thoughts on Point Spread Functions, Resolutions, and Image Quality." Proceedings of the Microscopy & Microanalysis 2018. Ed. Robert Price. New York, NY: Cambridge University Press, Print. £

Published Conference Proceedings: Nevins, Mandy, et al. ", Baltimore, MD, August. Mandy Nevins, Matthew Zotta, Richard Hailstone, Eric Lifshin (2018). "Visualizing Astigmatism in the SEM Electron Probe." Proceedings of the Microscopy & Microanalysis 2018. Ed. Robert Price. New York, NY: Cambridge University Press, 2018. Print. £

Published Conference Proceedings: Alharbi, Najat, Richard Hailstone, and Benjamin Varela. "Quantitative Elemental Mapping of Alkali Activated Slag Cement." Proceedings of the Microscopy & Microanalysis 2018. Ed. Robert Price. New York, NY: Cambridge University Press, 2018. Print. £

Joseph Hornak, Professor

Journal Paper: Javier, Stephany and Joseph P. Hornak. "A Nondestructive Method of Identifying Pigments on Canvas using Low Frequency Electron Paramagnetic Resonance Spectroscopy." JOURNAL OF THE AMERICAN INSTITUTE FOR CONSERVATION 57. (2018): 73-82. Print. ~

Journal Paper: Javier, Stephany and Joseph P. Hornak. "A Nondestructive Method of Identifying Pigments on Canvas Using Low Frequency Electron Paramagnetic Resonance Spectroscopy." Journal of the American Institute for Conservation 57. (2018): 73-82. Print. ~

Full Length Book: Hornak, Joseph P. The Basics of NMR. 2018 ed. Henrietta, NY: Interactive Learning Software, 1997. Web. ~

Full Length Book: Hornak, Joseph P. The Basics of MRI. 2018 ed. Henrietta, NY: Interactive Learning Software, 1996. Web. ~

Emmett Ientilucci, Assistant Professor

Journal Paper: Yousefhussien, Mohammad, et al. "A Multi-scale Fully Convolutional Network for Semantic Labeling of 3D Point Clouds." ISPRS Journal of Photogrammetry and Remote Sensing 143. (2018): 191-204. Web. *

Journal Paper: Wang, Yue and Emmett Ientilucci. "A Practical Approach to Landsat 8 TIRS Stray Light Correction Using Multi-Sensor Measurements." Journal of Remote Sensing 10. 4 (2018): 589. Web. *

Journal Editor: Ientilucci, Emmett and John Silny, ed. Imaging Spectrometry XXII: Applications, Sensors, and Processing. San Diego: SPIE, 2018. Print. *

Published Conference Proceedings: Sun, Yihang, Emmett Ientilucci, and Sophie Voisin. "Improvement of the Harris Corner Detector using an Entropy-Block-Based Strategy." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXIV. Ed. Miguel Velez-Reyes and David W. Messinger. Orlando, FL: SPIE, 2018. Print.

Published Conference Proceedings: Ientilucci, Emmett. "Processing a New Hyperspectral Data set for Target Detection and Atmospheric Compensation Algorithm Assessment: The RIT2017 Data Set." Proceedings of the IGARSS 2018. Ed. José Moreno. Valencia, Spain: IEEE, 2018. Print. ~

Published Conference Proceedings: Yang, Gefei, et al. "Dual-Channel DenseNET for Hyperspectral Image Classification." Proceedings of the IGARSS 2018. Ed. José Moreno. Valencia, Spain: IEEE, 2018. Print. ~

Christopher Kanan, Assistant Professor

Journal Paper: Birmingham, E, et al. "Exploring Emotional Expression Recognition in Aging Adults using the Moving Window Technique." PLOS ONE. (2018): N/A. Web. *

Featured Faculty

SUSAN FARNAND IS AN ASSISTANT PROFESSOR IN THE PROGRAM OF COLOR SCIENCE IN THE COLLEGE OF SCIENCE. HER RESEARCH INTERESTS CENTER AROUND HUMAN VISION AND PERCEPTION AND COLOR SCIENCE. HER CURRENT PROJECTS SPAN A RANGE OF VISION SCIENCE, IMAGING SCIENCE, AND COLOR SCIENCE APPLICATIONS INCLUDING 3D PRINTING, INDIVIDUAL DIFFERENCES IN ELECTRONIC DISPLAY PERCEPTION, EYE-TRACKING, VISION HEALTH, SMARTPHONE IMAGING, AND CULTURAL HERITAGE REPRODUCTION.

In the area of human color perception, current projects include two with PhD student Matt Ronnenberg involving 3D printing, a technology which is advancing rapidly from a process for generating single-color prototypes to printing full-color products from a variety of materials. This advancing technology requires increased understanding of the parameters needed to define an appearance gamut for color 3D printed objects. Ronnenberg and Farnand are evaluating the effects of surface structure on color appearance and working to develop a model for determining 3D color differences using deep neural networks.

Another area of human color perception being explored is how individual color vision differences, which can result in colors that match for one observer and being strikingly different for another observer under identical viewing conditions, are manifest on various electronic display technologies. PhD student Hao Xie is working with Michael Murdoch and Susan Farnand to develop a predictive model of individual color vision differences between commercial display pairs, which will allow manufacturers to potentially avoid adverse effects on display calibration, characterization and, ultimately, performance.

Dr. Farnand uses eye-tracking in her research of human perception. Her PhD student Mingming Wang is constructing an automotive simulator centered around an HTC Vive® headset equipped with an eye-tracker, and a car seat and steering wheel to provide an immersive driving experience. A series of specific driving hazards have been designed using the virtual reality 3D engine Unity®. The simulator will be used to investigate how humans gather visual information while negotiating complex driving scenarios. This information will provide a valuable reference for autonomous vehicle companies.

Smartphones are becoming universally available. Dr. Farnand and collaborator Anthony Vodacek are working with PhD student Katherine Carpenter to develop procedures for collecting color information using smartphone captures for improving agricultural applications such as evaluating crop ripeness, documenting the impact of global warming on growing cycle trends, and detecting diseases or insect pests. She is also working with PhD student Anku to evaluate smartphone capture user preferences in color rendition, especially for images containing people, grass, sky, wood, and sand, to provide insights useful in the design and development of cameras and displays for these devices.

Dr. Farnand also has an interest in visual health. Through the course of a retinal detachment and related cataract surgery, she has monitoring the color vision difference between her two eyes. This has now stabilized with the left eye appearing slightly yellowish and the right eye being slightly bluish when used individually under average lighting conditions.

Diabetic retinopathy is a leading cause of blindness. Annual dilated retinal eye exams with an ophthalmologist substantially reducing the risk of blindness. However, many diabetic patients do not have this exam for reasons such as limited access, cost, and inconvenience. Dr. Farnand and collaborators Rajeev Ramchandran (Flaum Eye Institute, University of Rochester) and Christye Sisson (Medical Photography, College of Art and Design), have been supporting teams of engineering, medical photography, industrial design, imaging science, and physics students in projects to design and build a low-cost, portable, non-mydriatic (not requiring pupil dilation) retinal camera.

Dr. Farnand also served as a guide for a team of senior mechanical engineers that researched, designed and constructed two 16th century bookwheels following the basic design of Italian inventor Agostino

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ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Ramelli and using largely period-appropriate materials and modern manufacturing techniques. A bookwheel is a rotating bookcase designed as a way to easily cross reference multiple, often heavy, tomes. The wheels are now displayed at the Cary Graphic Arts Collection at RIT and in the University of Rochester's Rossell Hope Robbins Library in exhibits designed by a Museum Studies student under the guidance of Dr. Juilee Decker.

Finally, Dr. Farnand is working with many others throughout the Institute in efforts, headed by Dr. Mark Fairchild and Dr. Joseph Baschnagel, respectively, to initiate a Minor in Applied Cognitive Neuroscience and to develop a graduate program in Cognitive Science at RIT. These are expected to be fertile areas for opportunities for the study of the brain and mind.

SUSAN FARNAND
ASSISTANT PROFESSOR
COLLEGE OF SCIENCE

Published Conference Proceedings: Kafle, Kushal, et al. "DVQA: Understanding Data Visualizations via Question Answering." Proceedings of the Computer Vision and Pattern Recognition (CVPR). Ed. N/A. Salt Lake City, Utah: n.p., 2018. Web. «

Published Conference Proceedings: Hayes, Tyler, Ronald Kemker, and Christopher Kanan. "New Metrics and Experimental Paradigms for Continual Learning." Proceedings of the Real-World Challenges and New Benchmarks for Deep Learning in Robotic Vision (CVPRW). Ed. N/A. Salt Lake City, Utah: n.p., 2018. Web. *

Published Conference Proceedings: Binaee, K, et al. "Characterizing the Temporal Dynamics of Information in Visually Guided Predictive Control Using LSTM Recurrent Neural Networks." Proceedings of the 40th Annual Conference of the Cognitive Science Society (CogSci-2018). Ed. N/A. Madison, WI: n.p., 2018. Web. «

Journal Paper: Kemker, Ron, Ryan Luu, and Christopher Kanan. "Low-Shot Learning for the Semantic Segmentation of Remote Sensing Imagery." IEEE Transactions on Geoscience and Remote Sensing (TGRS). (2018): 6214 - 6223. Print. *

Published Conference Proceedings: Kemker, Ronald and Christopher Kanan. "FearNet: Brain-Inspired Model for Incremental Learning." Proceedings of the International Conference on Learning Representations (ICLR-2018). Ed. N/A. Vancouver, Canada: n.p., 2018. Web. «

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Journal Paper: Kemker, R, C Salvaggio, and C Kanan. "Algorithms for Semantic Segmentation of Multispectral Remote Sensing Imagery using Deep Learning." ISPRS Journal of Photogrammetry and Remote Sensing. (2018): 60-77. Print. *

Joel Kastner, Professor

Journal Paper: Kastner, Joel, et al. "A Sub-arcsecond ALMA Molecular Line Imaging Survey of the Circumbinary, Protoplanetary Disk Orbiting V4046 Sgr." The Astrophysical Journal 863. (2018): 106. Web. £

Journal Paper: Jr., R. Montez and Joel H. Kastner. "Dissecting the X-Ray Emission in the Young Planetary Nebula NGC 7027." The Astrophysical Journal 861. (2018): 45. Web. £

Journal Paper: Punzi, Kristina, et al. "Is the Young Star RZ Piscium Consuming Its Own (Planetary) Offspring?" The Astronomical Journal 155. (2018): 33. Web. £

John Kerekes, Professor

Full Patent: Katuwal, Gajendra, et al. "Automated Fundus Image Field Detection and Quality Assessment." U.S. Patent 9,905,008. 27 Feb. 2018.

Journal Paper: Wang, Fan, et al. "Residential Roof Condition Assessment System Using Deep Learning." Journal of Applied Remote Sensing 12. 1 (2018): 1-20. Web. ~

Journal Paper: Cui, Zhaoyu and John Kerekes. "Potential of Red Edge Spectral Bands in Future Landsat Satellites on Agroecosystem Canopy Green Leaf Area Index Retrieval." Remote Sensing 10. 9 (2018): 1-14. Web. ~

Journal Paper: Cui, Zhaoyu and John Kerekes. "Impact of Wavelength Shift in Relative Spectral Response at High Angles of Incidence in Landsat-8 Operational Land Imager and Future Landsat Design Concepts." IEEE Transactions on Geoscience and Remote Sensing 56. 10 (2018): 5873-5883. Print. ~

Published Conference Proceedings: Kerekes, John, Cody Webber, and Rolando Raqueno. "Methane Detection in the Longwave Infrared." Proceedings of the 2018 IEEE International Geoscience and Remote Sensing Symposium. Ed. Jose Sobrino and Gustau Camps-Valls. Valencia, Spain: IEEE, 2018. Print. ~

Published Conference Proceedings: McCoy, Keegan, et al. "Integration of Optomechanical System Models with DIRSIG." Proceedings of the Optical Modeling and Performance Predictions X. Ed. Mark Kahan and Marie Levine-West. San Diego, CA: SPIE, 2018. Print. £

Published Conference Proceedings: Mathew, Jobin and John Kerekes. "Multi-spectral Change Detection Methods: Evaluation on Simulated and Real-world Satellite Imagery." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXIV. Ed. Miguel Velez-Reyes and David Messinger. Orlando, FL: SPIE, 2018. Print. £

Published Conference Proceedings: Han, Sanghui and John Kerekes. "Simulation Techniques for Image Utility Analysis." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXIV. Ed. Miguel Velez-Reyes and David Messinger. Orlando, FL: SPIE, 2018. Print. £

Published Conference Proceedings: Jnawali, Kamal, John Kerekes, and Naval Gund Rao. "Comparative Study of Spectral Matched Filter, Constrained Energy Minimization, and Adaptive Coherence Estimator for Subpixel Target Detection Based on Hyperspectral Imaging." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXIV. Ed. Miguel Velez-Reyes and David Messinger. Orlando, FL: SPIE, 2018. Print. £

David Messinger, Professor

Journal Paper: Kucer, Michal, Alex Loui, and David Messinger. "Leveraging Expert Feature Knowledge for Predicting Image Aesthetics." IEEE Transactions on Image Processing 27. 10 (2018): 5100 - 5112. Print. £

Published Conference Proceedings: Kucer, Michal and David Messinger. "Aesthetic Inference for Smart Mobile Devices." Proceedings of the IEEE Western Conference on Applications in Computer Vision (WACV) 2018. Ed. UNK. Lake Tahoe, NV: IEEE, 2018. Web. £

Journal Paper: Dorado-Munoz, Leidy, David Messinger, and Damien Bove. "Integrating Spatial and Spectral Information for Enhancing Spatial Features in the Gough Map of Great Britain." Journal of Cultural Heritage Research 34. (2018): 159-165. Print. £

Journal Paper: Fan, Lei and David Messinger. "Joint Spatial-Spectral Hyperspectral Image Clustering Using Block-Diagonal Amplified Affinity Matrix." Optical Engineering 57. 3 (2018): UNK. Web. £

Journal Paper: Yang, Jie, David Messinger, and Roger Dube. "Bloodstain Detection and Discrimination Impacted by Spectral Shift Using an Interference Filter based VNIR Multispectral Crime Scene Imaging System." Optical Engineering 57. 3 (2018): UNK. Web. £

Published Conference Proceedings: Peery, Tyler and David Messinger. "Processes for Conducting HSI Pan-Sharpener with 3D Digital Flattening." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXIV. Ed. UNK. Orlando, FL: SPIE, Web.

Published Conference Proceedings: Peery, Tyler and David Messinger. "MSI vs. HSI in Cultural Heritage Imaging." Proceedings of the Imaging Spectrometry XXII: Applications, Sensors, and Processing. Ed. UNK. San Diego, CA: SPIE, Web.

Published Conference Proceedings: Bai, Di. "Pigment Diversity Estimation for Hyperspectral Images of the Selden Map of China." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXIV. Ed. UNK. Orlando, FL: SPIE, 2018. Web.

Jeff Pelz, Professor

Published Conference Proceedings: Preethi, Vaidyanathan, et al. "SNAG: Spoken Narratives and Gaze Dataset." Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics, July 2018, Melbourne, Australia. Ed. Iryna Gurevych, Yusuke Miyao. Melbourne, Australia: Association for Computational Linguistics, Print. *

Published Conference Proceedings: Mingming, Wang,, et al. "Auto-simulator Preparation for Research into Assessing the Correlation Between Human Driving Behaviors and Fixation Patterns." Proceedings of the Electronic Imaging, Autonomous Vehicles and Machines 2018, January 2018, Burlingame, CA. Ed. IS&T/EI. Burlingame, CA: IS&T, Print. £

Carl Salvaggio, Professor

Journal Paper: Kemker, Ronald, Carl Salvaggio, and Christopher Kanan. "Algorithms for Semantic Segmentation of Multispectral Remote Sensing Imagery Using Deep Learning." ISPRS Journal of Photogrammetry and Remote Sensing 145. November (2018): 60-77. Print. *

Journal Paper: Yousefhussien, Mohammed, et al. "A Multi-scale Fully Convolutional Network for Semantic Labeling of 3D Point Clouds." ISPRS Journal of Photogrammetry and Remote Sensing 143. September (2018): 191-204. Print. *

Published Conference Proceedings: Mamaghani, Baabak, et al. "An initial exploration of vicarious and in-scene calibration techniques for small unmanned aircraft systems." Proceedings of the SPIE, Commercial + Scientific Sensing and Imaging, Autonomous Air and Ground Sensing Systems for Agricultural Optimization and Phenotyping III. Ed. Alex Thomasson. Orlando, FL: SPIE, 2018. Print.

Published Conference Proceedings: Accettura, Margot, et al. "Hyperspectral detection of methane stressed vegetation." Proceedings of the SPIE, Commercial + Scientific Sensing and Imaging, Autonomous Air and Ground Sensing Systems for Agricultural Optimization and Phenotyping III. Ed. Alan Thomasson. Orlando, FL: SPIE, 2018. Print.

Grover Swartzlander, Professor

Journal Paper: Jr., G.A. Swartzlander, J.H. Wirth, and A.T. Watnik. "Optimized Pupil-plane Phase Masks for High-contrast Imaging." Applied Optics 57. 20 (2018): 5688-5693. Print. *

Invited Article/Publication: Jr., Grover A. Swartzlander,. "Flying on a Rainbow: A Solar-Driven Diffractive Sailcraft." J. British Interplanetary Society. (2018). Print. *

Journal Paper: Jr., Grover A Swartzlander,. "Farewell Message from the Editor: Editorial." J. Opt. Soc. Am. B 35. 12 (2018): ED1-ED2. Print.

Provisional Patent: Swartzlander, Grover A. "G. A. Swartzlander, Jr." U.S. Provisional Patent Application 20180067036 15698238 15/698,238. 3 Aug. 2018.

Provisional Patent: Jr., Grover A. Swartzlander, Ying-Ju Chu, and Prateek Srivastava. "Diffractive Optical Beam Rider." U.S. Provisional Patent Application Bond Ref 330P257. 8 Aug. 2018.

Journal Paper: Swartzlander, Grover, Ying-Ju Lucy Chu, and Eric M. Jansson. "Measurements of Radiation Pressure Owing to the Grating Momentum." PHYSICAL REVIEW LETTERS 121. 63903 (2018): 063903-1 to 063903-6. Print. *

Jan van Aardt, Professor

External Scholarly Fellowships/National Review Committee:

11/1/2017 -
12/31/2018
NSF NEON
Amount: 0

External Scholarly Fellowships/National Review Committee:

11/1/2017 -
12/31/2018
NSF NEON
Amount: 0

Journal Paper: Yao, Wei, et al. "A Simulation-Based Approach to Assess Subpixel Vegetation Structural Variation Impacts on Global Imaging Spectroscopy." IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING 56. 7 (2018): 4149-4164. Print. *

Journal Paper: Tesfamichael, Solomon G., et al. "Retrieval of Narrow-range LAI of at Multiple Lidar Point Densities: Application on Eucalyptus Grandis Plantation." *Int J Appl Earth Obs Geoinformation* 70. (2018): 93-104. Print. *

Journal Paper: Sebastián-González, Esther, et al. "Testing the Acoustic Adaptation Hypothesis with Native and Introduced Birds in Hawaiian Forests." *Journal of Ornithology* 159. (2018): 827-838. Print. *

Invited Keynote/Presentation: Aardt, Jan van, et al. "Transforming Disease Management Through the use of Unmanned Aerial Systems." *International Congress of Plant Pathology (ICPP) 2018: Plant Health in A Global Economy. ICCP.* Boston, MA. 29 Jul. 2018. Conference Presentation. Δ

Published Conference Proceedings: Hughes, E.W., et al. "Snap Bean Flowering Detection from UAS Imaging Spectroscopy." *Proceedings of the 14th International Conference on Precision Agriculture.* Ed. N/A. Montreal, Quebec: n.p., 2018. Web. ≠

Published Conference Proceedings: McClelland, M., D.S Hale, and J. van Aardt. "A Comparison of Manned and Unmanned Aerial Lidar Systems in the Context of Sustainable Forest Management." *Proceedings of the Proceedings: SPIE Commercial & Scientific Sensing and Imaging.* Ed. N/A. Orlando, FL: n.p., 2018. Web. ≠

Published Conference Proceedings: Rouzbeh-Kargar, A., R. MacKenzie, and J. van Aardt. "Characterizing Stem Volume in Mangrove Forests Using Terrestrial Lidar Scanning." *Proceedings of the ForestSat 2018.* Ed. N/A. College Park, MD: n.p., 2018. Web. ≠

Anthony Vodacek, Professor

External Scholarly Fellowships/National Review Committee:

8/17/2018 -

8/17/2021

US Department of State, Fulbright Specialist Roster

Amount: ~\$5000 for travel costs

Journal Editor: Vodacek, Anthony, ed. *Journal of Great Lakes Research.* Duluth, MN, USA: Elsevier, 2018. Print. *

Journal Editor: Vodacek, Anthony, ed. *PLOS One.* San Francisco, CA, USA: PLOS, 2018. Web. *

Invited Keynote/Presentation: Vodacek, Anthony. "Remote Sensing of Lake Kivu Whiting Events to Trace Surface Circulation." Public lecture. University of Rwanda College of Science and Technology. Kigali, Rwanda. 18 Jan. 2018. Guest Lecture.

Journal Paper: Spivey, Alvin J. and Anthony Vodacek. "Multiscale Fourier Landscape Pattern Indices for Landscape Ecology." *Journal of Landscape Ecology* 11. 2 (2018): 5-30. Web. *

Published Conference Proceedings: Carpenter, Katherine, Anthony Vodacek, and Susan Farnand. "Smartphone Calibration for Crowd-Sourced Determination of the Presence of Cyanobacteria in Water Samples." *Proceedings of the International Symposium on Electronic Imaging 2018.* Ed. Elaine Jin, Stuart Perry. Burlingame, CA: IS&T, Web. *

Published Conference Proceedings: Tomaszewski, Brian, Anthony Vodacek, and Gaspard Rwanyiziri. "Innovation for Education, Spatial Thinking and GeoICT: A Rwandan Case Study." *Proceedings of the IEEE Global Humanitarian Technology Conference 2018.* Ed. Bai Blyden. San Jose, CA: IEEE, Web. *

Journal Paper: Bachmann, Charles M., et al. "A Low-Rate Video Approach to Hyperspectral Imaging of Dynamic Scenes." *Journal of Imaging* 5. 1 (2018): 6, 1-19. Web. *

Color Science

Mark Fairchild, Professor

Journal Paper: Fairchild, M.D. "The Colors of Wine." *International Journal of Wine Research* 10. (2018): 13-31. Web. *

Published Conference Proceedings: Masaoka, K., et al. "2D representation of Display color Gamut." *Proceedings of the SID International Symposium Digest of Technical Papers*. Ed. SID. San Diego, CA: n.p., Print. *

Peer Reviewed/Juried Poster Presentation: Robinson, A. and M.D. Fairchild. "Recreating the Munsell Color Crayon Color Spectrum." *Proceedings of the ISCC-AIC Munsell Centennial Color Symposium*. Ed. ISCC. Boston, MA: n.p., £

Peer Reviewed/Juried Poster Presentation: Morillas, S. and M.D. Fairchild. "A Supra Threshold Color-difference Ellipsoids Hybrid Model for Color Differences." *Proceedings of the ISCC-AIC Munsell Centennial Color Symposium*. Ed. ISCC. Boston, MA: n.p., £

Invited Keynote/Presentation: Fairchild, M.D. "Munsell's Legacy: Foundation and Laboratory." *ISCC-AIC Munsell Centennial Color Symposium*. ISCC. Boston, MA. 15 Jun. 2018. Keynote Speech.

Journal Paper: Morillas, S. and M.D. Fairchild. "Using Supra Threshold Color-difference Ellipsoids to Estimate any Perceptual Color-difference." *Journal of Visual Communication and Image Representation* 55. (2018): 142-148. Print. *

Journal Paper: Cai, S. and M.D. Fairchild. "Bidirectional Individual Corresponding Colors Data." *Color Research and Application* 43. (2018): 643-654. Web. *

Journal Paper: Amiri, M.M. and M.D. Fairchild. "A Strategy Towards Spectral and Colorimetric Color Reproduction Using Ordinary Digital Cameras." *Color Research and Application* 43. (2018): 675-684. Web. *

Invited Keynote/Presentation: Fairchild, M.D. "One Wine Many Colors." *IS&T 26th Color & Imaging Conference*. IS&T. Vancouver, BC. 16 Nov. 2018. Keynote Speech. *

Published Conference Proceedings: Jiang, F., M.D. Fairchild, and K. Masaoka. "Estimation of HDR WCG Display Color Gamut Volume." *Proceedings of the IS&T 26th Color & Imaging Conference*. Ed. IS&T. Vancouver, BC: n.p., 2018. Web. *

Journal Paper: Fairchild, M.D. "Unique Hues & Principal Hues." *Color Research and Application* 43. (2018): 804-809. Web. *

Shows/Exhibits/Installations: Fairchild, M.D. *Opponency - Red Spruce Cone Bud*. n.d. Munsell Symposium, Boston. Exhibit. £

Journal Paper: Robinson, A. and M.D. Fairchild. "Recreating the Munsell Crayon Color Spectrum." *Color Research and Application* 43. (2018): 811-814. Web. *

Susan Farnand, Assistant Professor

Published Conference Proceedings: Farnand, Susan and Ken Parulski. "Color Calibration of Unmanned Aerial System Digital Still Cameras." *Proceedings of the Electronic Imaging - Image Quality and Systems Performance*. Ed. Elaine Jin & Stuart Perry. San Francisco, CA: IS&T, 2018. Web. *

Published Conference Proceedings: Wang, Mingming, et al. "Auto-simulator Preparation for Research into Assessing the Correlation Between Human Driving Behaviors and Fixation Patterns." *Proceedings of the Electronic Imaging - Autonomous Vehicles and Machines*. Ed. Buyue Zhang, Patrick Denny, Darnell Moore. San Francisco, CA: IS&T, 2018. Web. *

Published Conference Proceedings: Carpenter, Katherine and Susan Farnand. "Can Pop-Tart® Wrappers be Used to Make Safe Eclipse Glasses?" Proceedings of the Electronic Imaging - Color Imaging XXIII: Displaying, Processing, Hardcopy, and Applications. Ed. Reiner Eschbach, Gabriel Marcu, Alessandro Rizzi. San Francisco, CA: IS&T, 2018. Web. *

Published Conference Proceedings: Carpenter, Katherine, Anthony Vodacek, and Susan Farnand. "Smartphone Calibration for Crowd-Sourced Determination of the Presence of Cyanobacteria in Water Samples." Proceedings of the Electronic Imaging - Color Imaging XXIII: Displaying, Processing, Hardcopy, and Applications. Ed. Reiner Eschbach, Gabriel Marcu, Alessandro Rizzi. San Francisco, CA: IS&T, 2018. Web. *

Peer Reviewed/Juried Poster Presentation: Farnand, Susan and Mingming Wang. "Building a Database of Gaze Information for Automotive Simulator Operators Making Critical Driving Decisions." Proceedings of the Understanding Images in Biological and Computer Vision. Ed. Andrew Schofield. London, England: Royal Society. *

Invited Keynote/Presentation: Williams, Don and Susan Farnand. "Modern Tools for Color Reproduction." Munsell Centennial Color Symposium. ISCC/AIC. Boston, MA. 11 Jun. 2018. Conference Presentation. Δ

Peer Reviewed/Juried Poster Presentation: Carpenter, Katherine, Anthony Vodacek, and Susan Farnand. "Smartphone Calibration for Crowd-Sourced Determination of the Presence of Cyanobacteria in Water Samples." Proceedings of the Munsell Centennial Color Symposium. Ed. Paula Alessi, Maggie Maggio. Boston, MA: n.p.. £

Peer Reviewed/Juried Poster Presentation: Murdoch, Michael and Susan Farnand. "Tools for Online Color Science Education: Color Order, Color Vision, & Color Measurement." Proceedings of the Munsell Centennial Color Symposium. Ed. Paula Alessi, Maggie Maggio. Boston, MA: n.p.. £

Published Conference Proceedings: Anku, and Susan Farnand. "Color Quality and Memory Color Assessment." Proceedings of the Color and Imaging Conference. Ed. Marius Pedersen. Vancouver, Canada: IS&T, 2018. Web. «

Published Conference Proceedings: Ronnenberg, Matthew and Susan Farnand. "The Effect of Surface Texture on Color Appearance of 3D Printed Objects." Proceedings of the Color and Imaging Conference. Ed. Marius Pedersen. Vancouver, Canada: IS&T, 2018. Web. «

Michael J Murdoch, Assistant Professor

Peer Reviewed/Juried Poster Presentation: Leary, Sara and Michael J. Murdoch. "Manipulating Object Lightness in Augmented Reality." Proceedings of the ACM Symposium on Applied Perception. Ed. Betsy Sanders. Vancouver, BC: Association for Computing Machinery (ACM). ~

Peer Reviewed/Juried Poster Presentation: Xie, Hao, et al. "Psychophysics in Color Science Education: Two Case Studies." Proceedings of the Munsell Centennial Color Symposium Bridging Science, Art, & Industry. Ed. Paula Alessi and Maggie Maggio. Boston, MA: Inter-Society Color Council. ~

Peer Reviewed/Juried Poster Presentation: Murdoch, Michael J. and Susan Farnand. "Tools for Online Color Science Education: Color Order, Color Vision, and Color Measurement." Proceedings of the Munsell Centennial Color Symposium Bridging Science, Art, & Industry. Ed. Paula Alessi and Maggie Maggio. Boston, MA: Inter-Society Color Council. ~

Peer Reviewed/Juried Poster Presentation: Murdoch, Michael J., et al. "Dynamic Color Perception: How Fast are the Munsell Hues?" Proceedings of the Munsell Centennial Color Symposium Bridging Science, Art, & Industry. Ed. Paula Alessi and Maggie Maggio. Boston, MA: Inter-Society Color Council. ~

Invited Keynote/Presentation: Rhyne, Theresa-Marie, et al. "SIGGRAPH 2018 Panel: Color Mavens Advise on Digital Media Creation and Tools." SIGGRAPH 2018. ACM SIGGRAPH. Vancouver, BC. 11 Aug. 2018. Lecture. ~

Journal Paper: Zhang, Lili and Michael J. Murdoch. "Color Matching Criteria in Augmented Reality." *Journal of Perceptual Imaging* 1. 1 (2018): 10506-1 - 10506-8. Web. «

Published Conference Proceedings: Canham, Trevor, Michael J. Murdoch, and David Long. "Influence of Ambient Chromaticity on Portable Display Color Appearance." *Proceedings of the SMPTE Technical Conference*, 22-28 Oct, 2018, Los Angeles. Ed. Peter Putman. Los Angeles, CA: SMPTE, 2018. Web. *

School of Chemistry and Materials Science

Herbert J Bernstein, Research Professor

Journal Paper: Craig, Paul A., et al. "Using Protein Function Prediction to Promote Hypothesis-Driven Thinking in Undergraduate Biochemistry Education." *The Chemist* 91. 1 (2018): 1-8. Web. *

Christopher Collison, Professor

Full Length Book: Collison, Christina Goudreau, et al. *REActivities Organic Chemistry*. 1st ed. Ann Arbor, MI: XanEdu, 2018. Print. ≠

Journal Paper: Collison, Christina Goudreau, et al. "Transforming the Organic Lab Experience: Design, Implementation, and Evaluation of Reformed Experimental Activities (REActivities)." *Journal of Chemical Education*. 95 (2018): 55-61. Print. *

Christopher J Collison, Professor

Journal Paper: Hu, Zhiqi, et al. "An Experimental and Computational Study of Donor-Linker-Acceptor Block Copolymers for Organic Photovoltaics." *JOURNAL OF POLYMER SCIENCE, PART B: POLYMER PHYSICS* 56. (2018): 1135-1143. Web. *

Paul A Craig, Professor

Journal Paper: Craig, Paul A., et al. "Using Protein Function Prediction to Promote Hypothesis-Driven Thinking in Undergraduate Biochemistry Education." *The Chemist* 91. 1 (2018): 1-8. Print. Δ

Journal Paper: Craig, Paul A. "Lessons from my Undergraduate Research Students." *Journal of Biological Chemistry* 293. (2018): 10447-10452. Print. Δ

Nathan C Eddingsaas, Assistant Professor

Journal Paper: Eddingsaas, Nathan, et al. "Qualitative Analysis of E-Liquid Emissions as a Function of Flavor Additives Using Two Aerosol Capture Methods." *International Journal of Environmental Research and Public Health* 15. (2018): 323. Print. *

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Journal Paper: Suslick, Kenneth S, et al. "The Chemical History of a Bubble." *Accounts of Chemical Research* 51. 9 (2018): 2169-2178. Print. *

Peer Reviewed/Juried Poster Presentation: Wilcop, Mary, Jonathan Thornton, and Nathan Eddingsaas. "Cosmetics as Artifacts: The Analysis and Conservation of a 1930s Theatrical Makeup Kit." *Proceedings of the American Institute for Conservation of Historic and Artistic Works 46th Annual Meeting*. Ed. American Institute for Conservation of Historic and Artistic Works. Houston, Texas: n.p.. *

Michael L Gleghorn, Assistant Professor

Journal Paper: Cho, H, et al. "Transcriptional Co-activator PGC-1 α Contains a Novel CBP80-binding Motif that Orchestrates Efficient Target Gene Expression." *Genes & Development* 32. 7-8 (2018): 555-567. Print. *

Lea Michel, Associate Professor

Journal Paper: Michel, Lea V, et al. "Intranasal Coinfection Model Allows for Assessment of Protein Vaccines Against Nontypeable *Haemophilus Influenzae* in Mice." *Journal of Medical Microbiology* 67. (2018): 1527-1532. Web. *

Provisional Patent: Michel, Lea Vacca and Judith Hellman. "Diagnosing Sepsis by Detecting Peptidoglycan Associated Lipoprotein (Pal) in urine." U.S. Provisional Patent Application 62/757211. 8 Nov. 2018.

Matt Miri, Associate Professor

Journal Paper: Miri, Massoud J., et al. "Highly Renewable, Thermoplastic Tetrapolyesters Based on." *Journal of Polymer Science, Part A: Polymer Chemistry* 56. (2018): 1498-1507. Print. *

Kalathur S Santhanam, Professor

Journal Editor: Santhanam, K.S.V., ed. *Chemical Engineering*. Basel, Switzerland: MDPI, 2018. Web. «

Journal Paper: Santhanam, K.S.V. "Greenhouse Gas Sensors Fabricated with New Materials for Climatic Usage: A Review." *Chemical Engineering* 2. 3 (2018): 38. Print. *

Journal Paper: Santhanam, K.S.V., et al. "A New Graphene Quantum Dot Sensor for Estimating an Antibiotic Concentration." *MRS Advances* 3. 15-16 (2018): 825-830. Print. *

Journal Paper: Santhanam, K.S.V., P.Wong, and S.G. Kandlikar. "Cobalt Deposition in Graphene Quantum Dot Bath: Electrochemical and Spectroscopic Features: A Prospective Sensor Material." *Journal of The Electrochemical Society*, 165. 5 (2018): B232-B239. Print. *

Journal Paper: Santhanam, K.S.V. and L. Roberts. "Interfacial Electron Transfer Involving Vanadium and Graphene Quantum Dots for Redox Flow Battery." *MRS Advances* 3. 22 (2018): 1221-1228. Print. *

Peer Reviewed/Juried Poster Presentation: Santhanam, K.S.V., Hayley Richardson, and N.N. Ahamed. "Interfacial Detection with Carbon Nanotube Pipette Laden Graphene Quantum Dots Electrode." *Proceedings of the Nanomaterials*. Ed. Jeffrey Fagan. Boston, Massachusetts: Materials Research Society. *

Peer Reviewed/Juried Poster Presentation: Santhanam, K.S.V., et al. "Unique role of Graphene Quantum Dots in the Formation of Brass." *Proceedings of the Undergraduate symposium*. Ed. RIT. Rochester, New York: n.p..

Hans F Schmitthenner, Research Associate Professor

Peer Reviewed/Juried Poster Presentation: Jones, Kelsea, et al. "Practical Modular Synthesis of Targeted Imaging Agents for MRI, PET and PET-MRI." *Proceedings of the MEDI 437 256th ACS Meeting*, Boston, MA 2018. Ed. ACS. Boston, MA: ACS. *

Published Conference Proceedings: Schmitthenner, Hans F, et al. "Modular Synthesis of Peptide-based Single and Multimodal Targeted Molecular Imaging Agents." *Proceedings of the MEDI 204., 56th ACS National Meeting*, Boston, MA(2019). Ed. ACS. Boston, MA: ACS, 2018. Web. *

External Scholarly Fellowships/National Review Committee:

6/1/2018 -

5/31/2021

NIH - NCI

Amount: \$ 474,279

≠

External Scholarly Fellowships/National Review Committee:

9/1/2014 -

5/30/2018

NIH-NCI

Amount: \$ 440,000

≠

Gerald Takacs, Professor

Journal Paper: Omar, Omran, et al. "Reaction of Ozone with Polybenzimidazole (PBI)." *Ozone: Science & Engineering* 40. 5 (2018): 392-398. Print. £

Journal Paper: Omar, Omran, et al. "Reaction of Ozone with Polybenzimidazole (PBI)." *Ozone: Science & Engineering* 40. 5 (2018): 392-398. Print. £

Journal Paper: Omar, Omran, et al. "Reaction of Ozone with Polybenzimidazole (PBI)." *Ozone: Science & Engineering* 40. 5 (2018): 392-398. Print. £

Journal Paper: Omar, Omran, et al. "Reaction of Ozone with Polybenzimidazole (PBI)." *Ozone: Science & Engineering* 40. 5 (2018): 392-398. Print. £

Journal Paper: Omar, Omran, et al. "Reaction of Ozone with Polybenzimidazole (PBI)." *Ozone: Science & Engineering* 40. 5 (2018): 392-398. Print. £

Journal Paper: Omar, Omran, et al. "Reaction of Ozone with Polybenzimidazole (PBI)." *Ozone: Science & Engineering* 40. 5 (2018): 392-398. Print. £

Journal Paper: Li, Xinyun, et al. "Surface Modification of Polystyrene with O Atoms Produced Downstream from an Ar/O₂ Microwave Plasma." *Technologies* 6. (2018): 21-29. Print. £

Journal Paper: Li, Xinyun, et al. "Surface Modification of Polystyrene with O Atoms Produced Downstream from an Ar/O₂ Microwave Plasma." *Technologies* 6. (2018): 21-29. Print. £

Journal Paper: Li, Xinyun, et al. "Surface Modification of Polystyrene with O Atoms Produced Downstream from an Ar/O₂ Microwave Plasma." *Technologies* 6. (2018): 21-29. Print. £

Journal Paper: Li, Xinyun, et al. "Surface Modification of Polystyrene with O Atoms Produced Downstream from an Ar/O₂ Microwave Plasma." *Technologies* 6. (2018): 21-29. Print. £

School of Mathematical Sciences

Nathaniel S Barlow, Assistant Professor

Journal Paper: Beachley, Ryne J., et al. "Accurate Closed-form Trajectories of Light Around a Kerr Black Hole Using Asymptotic Approximants." *Class. Quantum Grav.* 35. 205009 (2018): 1-28. Print. *

Bernard Brooks, Professor

Shows/Exhibits/Installations: Bastards, Sad. Fringe Festival. 18 Sep. 2018. Little Theatre Cafe, Rochester. Performance.

Journal Paper: Pudane, Mara, et al. "Agent Based Model of Anger Contagion and its Correlations with Personality and Interaction Frequency." *International Journal of Education and Information Technologies* 12. (2018): 7-12. Print. £

Nathan D. Cahill, Associate Professor

Published Conference Proceedings: Hayes, Tyler L., et al. "New Metrics and Experimental Paradigms for Continual Learning." Proceedings of the The IEEE Conference on Computer Vision and Pattern Recognition (CVPR) Workshops. Ed. IEEE, 2018. Web. «

Published Conference Proceedings: Cahill, Nathan D., et al. "Compassionately Conservative Balanced Cuts for Image Segmentation." Proceedings of the Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition. Ed. -, -: IEEE, 2018. Web. «

Published Conference Proceedings: Zhang, Xuewen and Nathan D. Cahill. "Semi-supervised Deep Autoencoder Network for Graph-based Dimensionality Reduction of Hyperspectral Imagery." Proceedings of the Proceedings Volume 10644, Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXIV; SPIE Defense & Security. Ed. -, -: International Society for Optics and Photonics, 2018. Web. £

Published Conference Proceedings: Immel, Poppy G. "Semi-supervised Normalized Embeddings for Land-use Classification from Multiple View Data." Proceedings of the Proceedings Volume 10644, Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXIV; SPIE Defense & Security. International Society for Optics and Photonics, 2018. Web. £

Journal Paper: Strang, Alexander, et al. "Generalized Relationships Between Characteristic Path Length, Efficiency, Clustering Coefficients, and Density." Social Network Analysis and Mining 8. 1 (2018): 1-14. Web. *

Elizabeth Cherry, Associate Professor

Journal Paper: Ulysses, J, et al. "An Optimization-based Algorithm for the Construction of Cardiac Purkinje Network Models." IEEE Transactions on Biomedical Engineering 65. (2018): 2760-2768. Print. *

Journal Paper: Ganesan, P, et al. "Developing an Iterative Tracking Algorithm to Guide a Catheter towards atrial Fibrillation Rotor Sources in Simulated Fibrotic Sources." Computing in Cardiology 45. (2018): 129. Print. *

Journal Editor: Cherry, EM, ed. Chaos. Woodbury: AIP, 2018. Print.

Invited Keynote/Presentation: Cherry, EM. "Reconstructing cardiac electrical dynamics using data assimilation." Biophysical Society Thematic Meeting: The Heart by Numbers. Biophysical Society. Berlin, Germany. 1 Sep. 2018. Keynote Speech.

Matthew Coppenbarger, Associate Professor

Journal Paper: Coppenbarger, Matthew E. "Iterations of a Modified Sisyphus Function." The Fibonacci Quarterly 56. 2 (2018): 130-141. Print. «

Journal Paper: Coppenbarger, Matthew E. "Iterations of the Words-to-Numbers Function." Journal of Integer Sequences 21. (2018): 1-26. Web. «

Michael E Cromer, Assistant Professor

Journal Paper: Kalb, Arthur, Larry A. Villasmil, and Michael Cromer. "Elastic Instability and Secondary Flow in Cross-Slot Flow of Wormlike Micellar Solutions." Journal of Non-Newtonian Fluid Mechanics 262. (2018): 79-91. Web. *

Joshua A Faber, Associate Professor

Journal Paper: Beachley, Ryne J, et al. "Accurate Closed-form Trajectories of Light Around a Kerr Black Hole Using Asymptotic Approximants." Classical and Quantum Gravity 35. 20 (2018): 205009. Print. £

Raluca Felea, Professor

Journal Paper: Felea, Raluca, et al. "A Class of Singular FIOs in SAR Imaging II: Transmitter and Receiver with Different Speeds." SIAM Journal of Math Analysis 50. 1 (2018): 591-621. Print. £

Invited Keynote/Presentation: Felea, Raluca . "Microlocal Analysis of Doppler SAR." Conference on Mathematics of Wave Phenomena. Karlsruhe Institute of Technology. Karlsruhe, Germany. 24 Jul. 2018. Conference Presentation.

Invited Keynote/Presentation: Felea, Raluca . "Microlocal Analysis of Monostatic SAR and Doppler SAR." Analysis Seminar. Purdue Univ. Purdue, IN. 26 Mar. 2018. Guest Lecture.

Invited Keynote/Presentation: Felea, Raluca . "FIOs with Singularities in SAR." February Fourier Talks. University of Maryland. College Park, MD. 15 Feb. 2018. Guest Lecture.

Jobby Jacob, Associate Professor

Journal Paper: Jacob, Jobby, Korinne Dobosh, and Samuel Kennedy. "On the Rank Number of the Cartesian Product." Journal of Graph Labeling 4. 1 (2018): 1. Web. ~

Baasansuren Jadamba, Associate Professor

Journal Paper: Jadamba, Baasansuren, et al. "Elliptic Inverse Problems of Identifying Nonlinear Parameters." Pure and Applied Functional Analysis 3. 2 (2018): 309-326. Print. ~

Book Chapter: Strychalski, Wanda, et al. "Fluid Dynamics of Nematocyst Prey Capture." Understanding Complex Biological Systems with Mathematics. Ed. Amy Radunskaya, Rebecca Segal, and Blerta Shtylla. New York, NY: Springer, 2018. 123-144. Print. ~

Journal Paper: Jadamba, Baasansuren, Akhtar A. Khan, and Miguel Sama. "Stable Conical Regularization by Constructible Dilating Cones with an Application to Lp-constrained Optimization Problems." Taiwanese Journal of Mathematics. (2018): 1-23. Web. ~

Invited Keynote/Presentation: Jadamba, Baasansuren. "Optimization Methods for the Elastography Inverse Problem." Inverse Problems Symposium. Michigan State University. East Lansing, MI. 4 Jun. 2018. Conference Presentation.

Laura M Munoz, Assistant Professor

Invited Keynote/Presentation: Munoz, Laura. "Control, Estimation, and Modeling of Cardiac Action Potential Dynamics." Kavli Institute for Theoretical Physics: Integrative Cardiac Dynamics Program. University of California, Santa Barbara. Santa Barbara, CA. 2 Jul. 2018. Conference Presentation.

Invited Keynote/Presentation: Munoz, Laura. "Observability Analysis and Estimator Design for a Cardiac Cell Model." Dynamics Days. Dynamics Days. Denver, CO. 6 Jan. 2018. Conference Presentation.

Journal Paper: Munoz, Laura, et al. "Discordant Alternans Mechanism for Initiation of Ventricular Fibrillation In Vitro." Journal of the American Heart Association 7. (2018): e007898. Web. *

Invited Keynote/Presentation: Munoz, Laura. "Controllability Analysis of a Cardiac Cell Model." Society for Industrial and Applied Mathematics (SIAM) Conference on the Life Sciences. SIAM. Minneapolis, MN. 8 Aug. 2018. Conference Presentation.

Richard O'Shaughnessy, Assistant Professor

Journal Paper: Coughlin, , et al. "Constraints on the Neutron Star Equation of State from AT-2017gfo Using Radiative Transfer Simulations." MNRAS 480. (2018): 3871. Print. £

Tamas Wiandt, Professor

Journal Paper: Agyingi, E., et al. "Eden Model Simulation of Re-epithelialization and Angiogenesis of an Epidermal Wound." Processes 6. 207 (2018): 1-17. Print. *

School of Physics and Astronomy

Mishkatul Bhattacharya, Associate Professor

Journal Paper: Sahu, R., et al. "Angular Lens." Optics Express 26. 7 (2018): 8709-8718. Web. *

Journal Paper: Kumar, P. and M. Bhattacharya. "Storage and Retrieval of Optical Information in Levitated Cavityless Optomechanics." Quantum Information Science, Sensing, and Computation X 10660. (2018): 106600K1-06600K10. Web. *

Scott Franklin, Professor

Journal Paper: Wu, Jianing, et al. "Elephant Trunks form Joints to Squeeze Together Small Objects." Journal of the Royal Society Interface 15. (2018): unknown. Print. *

Journal Paper: Franklin, Scott V, et al. "Improving Retention through Metacognition: A Program for Deaf/Hard-of-Hearing and First-Generation STEM College Students." Journal of College Science Teaching 48. (2018): unknown. Print. «

Published Conference Proceedings: Kustusch, Mary Bridget, Eleanor C. Sayre, and Scott V. Franklin. "Identifying Shifts in Agency by Analyzing Authority in Classroom Group Discussion." Proceedings of the 13th International Conference of the Learning Sciences. Ed. unknown. London, England, England: n.p., Web. «

Published Conference Proceedings: Archibequ, Ben, et al. "Qualitative Measures of Equity in Small Groups." Proceedings of the 13th International Conference of the Learning Sciences. Ed. unknown. London, England: n.p., Web. «

Edwin Hach, Assistant Professor

Published Conference Proceedings: Alsing, Paul M. and Edwin E. Hach, III. "An Optical Non-linear Sign Shift Gate Using Mirroring Resonators." Proceedings of the Quantum Technologies and Quantum Information Science IV. Ed. Not Readily Available. Berlin, It was published in Germany!!: n.p., 2018. Print. *

Journal Paper: III, Edwin E. Hach,, et al. "SU(1,1) Parity and Strong Violations of a Bell Inequality by Entangled Barut-Girardello Coherent States." Journal of the Optical Society of America B35. (2018): 2433 -. Print. *

Seth Hubbard, Professor

Journal Paper: Tatavarti, S.R., et al. "Epitaxial Lift-off (ELO) of InGaP/GaAs/InGaAs Solar Cells with Quantum Dots in GaAs Middle Sub-cell." Solar Energy Materials and Solar Cells 185. (2018): 153-157. Print. ~

Journal Paper: Baboli, M.A., et al. "Improving Pseudo-van der Waals Epitaxy of Self-assembled InAs Nanowires on Graphene via MOCVD Parameter Space Mapping." CrystEngComm. (2018): DOI: 10.1039/c8ce01666f. Print. ~

Journal Paper: Kum, Hyun, et al. "Two-step Photon Absorption in InP/InGaP Quantum Dot Solar Cells." Applied Physics Letters 113. 4 (2018): 43902. Print. ~

Journal Paper: Smith, BL, et al. "Life Cycle Assessment of III-V Precursors for Photovoltaic and Semiconductor Applications." MRS Advances 3. 25 (2018): 1399-1404. Print. ~

Journal Paper: Haque, MD, et al. "Characterization of Nonradiative Recombination Centers in Proton-irradiated InAs/GaAs Quantum Dots by Two-wavelength-excited Photoluminescence." Japanese Journal of Applied Physics 57. 9 (2018): 92302. Print. ~

Journal Paper: Nelson, G.T., et al. "GaSb Solar Cells Grown on GaAs via Interfacial Misfit Arrays for Use in the III-Sb Multi-junction Cell." Applied Physics Letters. (2017): 231104. Print. ~

Published Conference Proceedings: Polly, SJ, et al. "Development of a Nano-Enabled Space Power System." Proceedings of the 2018 IEEE 7th World Conference on Photovoltaic Energy Conversion (WCPEC)(A Joint Conference of 45th IEEE PVSC, 28th PVSEC & 34th EU PVSEC). Ed. T Grassman. Waikoloa, HI: n.p., 2018. Web. ~

Published Conference Proceedings: Nelson, GT, et al. "Modeling of Practical Light Management for Absorption Enhancement in III-V Multi-junction and Quantum-dot Solar Cells." Proceedings of the 2018 IEEE 7th World Conference on Photovoltaic Energy Conversion (WCPEC)(A Joint Conference of 45th IEEE PVSC, 28th PVSEC & 34th EU PVSEC). Ed. T Grassman. Waikoloa, HI: n.p., 2018. Web. ~

Published Conference Proceedings: Zhu, L, et al. "Experimental Analysis of Open-circuit Voltage Drop in Quantum-dot Solar Cells via Absolute Electroluminescence Measurement." Proceedings of the 2018 IEEE 7th World Conference on Photovoltaic Energy Conversion (WCPEC)(A Joint Conference of 45th IEEE PVSC, 28th PVSEC & 34th EU PVSEC). Ed. T Grassman. Waikoloa, HI: n.p., 2018. Web. ~

Published Conference Proceedings: Hudson, A, et al. "Electron and Proton Radiation Effects on Band Structure and Carrier Dynamics in MBE and MOCVD Grown III-V Test Structures." Proceedings of the 2018 IEEE 7th World Conference on Photovoltaic Energy Conversion (WCPEC)(A Joint Conference of 45th IEEE PVSC, 28th PVSEC & 34th EU PVSEC). Ed. T Grassman. Waikoloa, HI: n.p., 2018. Web. ~

Published Conference Proceedings: Polly, SJ, et al. "Incorporation of Photonic Structures for Improved Radiation Tolerance of Lattice Matched Triple Junction Solar Cells." Proceedings of the 2018 IEEE 7th World Conference on Photovoltaic Energy Conversion (WCPEC)(A Joint Conference of 45th IEEE PVSC, 28th PVSEC & 34th EU PVSEC). Ed. T Grassman. Waikoloa, HI: n.p., 2018. Web. ~

Published Conference Proceedings: McClure, EL, et al. "Growth of GaAs on Polycrystalline Germanium Substrates Prepared via Aluminum-Induced Crystallization." Proceedings of the 2018 IEEE 7th World Conference on Photovoltaic Energy Conversion (WCPEC)(A Joint Conference of 45th IEEE PVSC, 28th PVSEC & 34th EU PVSEC). Ed. T Grassman. Waikoloa, HI: n.p., 2018. Web. ~

Published Conference Proceedings: Hubbard, SM, et al. "Application of InP Quantum Dots Toward High-temperature Intermediate-band Solar-cell Operation." Proceedings of the Physics, Simulation, and Photonic Engineering of Photovoltaic Devices VII. Ed. A Freundlich, L Lombez, and M Sugiyama. San Francisco, CA: n.p., 2018. Print. ~

Jeyhan S Kartaltepe, Assistant Professor

Journal Paper: Valentino, F., et al. "A Survey of Atomic Carbon [C I] in High-redshift Main-sequence Galaxies." The Astrophysical Journal 869. 1 (2018): 1-20. Web. £

Journal Paper: Schulze, Andreas, et al. "An FMOS Survey of Moderate-luminosity, Broad-line AGNs in COSMOS, SXDS, and E-CDF-S." The Astrophysical Journal Supplement 239. (2018): 1-23. Web. £

Journal Paper: Silverman, John, et al. "Concurrent Starbursts in Molecular Gas Disks within a Pair of Colliding Galaxies at $z = 1.52$." The Astrophysical Journal 868. (2018): 1-17. Web. £

Journal Paper: Fang, Jerome, et al. "Demographics of Star-forming Galaxies since $z \sim 2.5$. I. The UVJ Diagram in CANDELS." The Astrophysical Journal 858. (2018): 1-29. Web. £

Journal Paper: Donley, Jennifer, et al. "Evidence for Merger-Driven Growth in Luminous, High- z , Obscured AGN in the CANDELS/COSMOS Field." The Astrophysical Journal 853. (2018): 1-12. Web. £

Journal Paper: Lee, K.G., et al. "First Data Release of the COSMOS Lyman-Alpha Mapping And Tomography Observations: 3D Lyman-alpha Forest Tomography at $2.05 < z < 2.55$." The Astrophysical Journal Supplement 237. (2018): 1-17. Web. £

Journal Paper: Silva, Andrea, et al. "Galaxy Mergers up to $z = 2.5$. I. The Star Formation Properties of Merging Galaxies at Separations of 3–15 kpc." *The Astrophysical Journal* 868. (2018): 1-18. Web. £

Journal Paper: Mantha, Kameswara, et al. "Major Merging History in CANDELS. I. Evolution of the Incidence of Massive Galaxy-Galaxy Pairs from $z=3$ to $z=0$." *Monthly Notices of the Royal Astronomical Society* 475. (2018): 1549-1573. Web. £

Journal Paper: Cooke, Kevin, et al. "Stellar Mass and 3.4 micron M/L Ratio Evolution of BCGs in COSMOS since $z=0$." *The Astrophysical Journal* 857. (2018): 1-14. Web. £

Journal Paper: Hasinger, Gunther, et al. "The DEIMOS 10k Spectroscopic Survey Catalog of the COSMOS Field." *The Astrophysical Journal* 858. (2018): 1-17. Web. £

Journal Paper: Lee, Bomee, et al. "The Intrinsic Characteristics of Galaxies on the SFR-Stellar Mass plane at $1.2 < z < 4$: I. the correlation between stellar age, Central Density and Position Relative to the Main Sequence." *The Astrophysical Journal* 853. (2018): 1-38. Web. £

Journal Paper: Kaasinen, Melanie, Jeyhan Kartaltepe, and et al., "The Ionisation Parameter of Star-Forming Galaxies Evolves with the Specific Star Formation Rate." *Monthly Notices of the Royal Astronomical Society* 477. (2018): 5568-5589. Web. £

Journal Paper: Silverman, John, et al. "The Molecular Gas Content and Fuel Efficiency of Starbursts at $z \sim 1.6$ with ALMA." *The Astrophysical Journal* 867. (2018): 1-12. Web. £

Invited Keynote/Presentation: Kartaltepe, Jeyhan. "An Observational Review of How Mergers Impact the Morphology & Kinematics of Galaxies." *Galaxy Interactions and Mergers Across Cosmic Time*. N/A. Sesto, Italy. 12 Mar. 2018. Keynote Speech.

Invited Keynote/Presentation: Kartaltepe, Jeyhan. "The Role of Mergers in Galaxy Evolution Over Cosmic Time." *Cornell University Colloquium*. Cornell University. Ithaca, NY. 12 Apr. 2018. Guest Lecture.

Invited Keynote/Presentation: Kartaltepe, Jeyhan. "How Cosmic Collisions Shape the Universe." *Mohawk Valley Astronomical Society Banquet*. Mohawk Valley Astronomical Society. Clinton, NY. 21 Apr. 2018. Keynote Speech.

Invited Keynote/Presentation: Kartaltepe, Jeyhan. "The Role of Mergers in Galaxy Evolution Over Cosmic Time." *Birth, life and fate of massive galaxies and their central beating heart*. N/A. Favignana, Italy. 5 Sep. 2018. Conference Presentation.

M Kotlarchyk, Professor

Invited Keynote/Presentation: Kotlarchyk, Michael. "Basis for Calculating Cross Sections for Nuclear Magnetic Resonance Spin-modulated Polarized Neutron Scattering." *Oak Ridge National Lab Seminar*. Oak Ridge National Laboratory. Oak Ridge, TN. 30 May 2018. Lecture.

Aaron McGowan, Senior Lecturer

Journal Paper: Perdue, G.N. and et al. (MINERvA Collaboration). "Reducing Model Bias in a Deep Learning Classifier Using Domain Adversarial Neural Networks in the MINERvA Experiment." *Journal of Instrumentation* 13. November (2018): 1-41. Web. *

Journal Paper: Lu, X.-G. and et al. (MINERvA Collaboration). "Measurement of Final-State Correlations in Neutrino Muon-Proton Mesonless Production on Hydrocarbon at $\sqrt{s}=3$ GeV." *Physical Review Letters* 121. 2 (2018): 022504-022511. Web. *

Journal Paper: Gran, R. and et al. (MINERvA Collaboration). "Antineutrino Charged-Current Reactions on Hydrocarbon with Low Momentum Transfer." *Physical Review Letters* 120. 22 (2018): 221805-12. Web. *

Journal Paper: Patrick, C.E. and et al. (MINERvA Collaboration). "Measurement of the Muon Antineutrino Double-differential Cross Section for Quasielastic-like Scattering on Hydrocarbon at Ev 3.5 GeV." Physical Review D 97. 5 (2018): 052002-052044. Web. *

Michael Richmond, Professor

Journal Paper: Sako, Masao and et al. "The Data Release of the Sloan Digital Sky Survey-II Supernova Survey." Publications of the Astronomical Society of the Pacific 130. (2018): 1-27. Print. £

Journal Paper: Kimura, Mariko and et al. "On the Nature of Long-period Dwarf Novae with Rare And low-amplitude Outbursts." Publications of the Astronomical Society of Japan 70. (2018): 78-103. Print. £

Andrew Robinson, Professor

Journal Paper: C., Hekatelyne, and Andrew Robinson. "Gemini IFU, VLA, and HST Observations of the OH Megamaser Galaxy IRAS F23199+0123: the Hidden Monster and its Outflow." Monthly Notices of the Royal Astronomical Society 474. 4 (2018): 5319-5329. Web. £

Journal Paper: C., Freitas, I. and Andrew Robinson. "Outflows in the Narrow-line Region of Bright Seyfert Galaxies - I. GMOS-IFU Data." Monthly Notices of the Royal Astronomical Society 476. 2 (2018): 2760-2778. Web. £

Journal Paper: K., Humire, Pedro and Andrew Robinson. "An Outflow in the Seyfert ESO 362-G18 Revealed by Gemini-GMOS/IFU Observations." Astronomy & Astrophysics 614. (2018): A94, 16 pp. Web. £

Journal Paper: C., Hekatelyne, and Andrew Robinson. "Star Formation and Gas Inflows in the OH Megamaser Galaxy IRAS03056+2034." Monthly Notices of the Royal Astronomical Society 479. 3 (2018): 3966-3977. Web. £

Robert B Teese, Professor

Book Chapter: Teese, Robert B., et al. "Web-Based Interactive Video Activities for Undergraduate Advanced Laboratories." The Role of Laboratory Work in Improving Physics Teaching and Learning. Ed. Dagmara Sokołowska and Marisa Michelini. Cham, Switzerland, N/A: Springer, 2018. 159-167. Print. *

George Thurston, Professor

Invited Keynote/Presentation: Thurston, George M. "Steps Towards Modeling Concentration-Dependent Effects of Charge Regulation on Protein Solution Thermodynamics and Liquid-liquid Phase Separation." KAW Midterm Meeting. Physical Chemistry/Lund University. Lund, Sweden. 16 May 2018. Conference Presentation.

Journal Paper: Vodnala, Preeti, et al. "Hard-Sphere-Like Dynamics in Highly Concentrated Alpha-Crystallin Suspensions." Physical Review E 97. (2018): 020601-1 - 020601-5. Print. £

Invited Keynote/Presentation: Thurston, George M., et al. "Model for Concentration-Dependent Effects of Charge Regulation on Protein Solution Thermodynamics and Liquid-liquid Phase Separation." American Physical Society March Meeting. American Physical Society. Los Angeles, CA. 7 Mar. 2018. Conference Presentation.

Invited Keynote/Presentation: Thurston, George M. "Liquid-liquid Phase Separation in Concentrated Protein Mixtures, with Application to Cataract." Seminar at Union College, Schenectady, New York. Physics Department, Union College. Schenectady, NY. 1 Nov. 2018. Guest Lecture.

Invited Keynote/Presentation: Thurston, George M. "Rotational and Translational Diffusion of Eye Lens Gamma Crystallin at Low and Intermediate Concentrations." Lund Institute for Neutron and X-ray Science (LINXS) Workshop on Dynamics of Proteins. Physical Chemistry/Lund University. Lund, Sweden, N/A. 5 Jun. 2018. Conference Presentation.

Michael B Zemcov, Assistant Professor

Journal Paper: Zemcov, Michael, et al. "Astrophysics with New Horizons: Making the Most of a Generational Opportunity." Proceedings of the Astronomical Society of the Pacific 130. 993 (2018): 115001. Print. *

Journal Paper: Nguyen, Chi, et al. "Integration and Instrument Characterization of the Cosmic Infrared Background Experiment 2 (CIBER-2)." SPIE 10698. 106984J (2018): 1. Web. *

Journal Paper: Park, Won-Kee, et al. "Development of Data Storage System and GSE for Cosmic Infrared Background Experiment 2 (CIBER-2)." SPIE 10698. 1069849 (2018): 1. Web. *

Journal Paper: Korngut, Philip, James Bock, and Michael Zemcov. "SPHEREx: an all-sky NIR spectral survey." SPIE 10698. 106981U (2018): 1. Web. *

Invited Keynote/Presentation: Zemcov, Michael. "An Opportunity for Astrophysics from the Outer Solar System." 42nd COSPAR Meeting. COSPAR. Pasadena, CA. 1 Jul. 2018. Conference Presentation. Δ

Journal Paper: Duivenvoorden, Stephen, Seb Oliver, and Michael Zemcov. "Red, Redder, Reddest: SCUBA-2 Imaging of Colour-selected Herschel Sources." MNRAS 477. 1 (2018): 1099-1119. Web. *

Published Conference Proceedings: Dore, Olivier, Michael Werner, and Michael Zemcov. "Science Impacts of the SPHEREx All-Sky Optical to Near-Infrared Spectral Survey II: Report of a Community Workshop on the Scientific Synergies Between the SPHEREx Survey and Other Astronomy Observatories." Proceedings of the SPHEREx Workshop II. Ed. Dore, Warner. Cambridge, MA: n.p., 2018. Web.

Journal Paper: Sun, Jason, Lorenzo Monceli, and Michael Zemcov. "A Foreground Masking Strategy for [C II] Intensity Mapping Experiments Using Galaxies Selected by Stellar Mass and Redshift." ApJ 856. 2 (2018): 15. Web. *

Journal Paper: Nayyeri, Hooshang, N Ghotbi, and Michael Zemcov. "Spitzer Observations of the North Ecliptic Pole." ApJ 234. 2 (2018): 9. Web. *

Benjamin M Zwickl, Assistant Professor

Journal Paper: Martin, Kelly Norris, et al. "Spewing Nonsense [or not]: Communication Competence and Socialization in Optics and Photonics Workplaces." Communication Education 67. 4 (2018): 414-437. Print. *

Journal Paper: Leak, Anne E, et al. "Hidden Factors that Influence Success in the Optics Workforce." Physical Review Physics Education Research 14. (2018): 10136. Web. *

Journal Paper: Hu, Dehui and Benjamin M Zwickl. "Examining Students' Views about Validity of Experiments: From introductory to Ph.D. students." Physical Review Physics Education Research 14. (2018): 10121. Web. *

Published Conference Proceedings: Owens, Lindsay, et al. "Misaligned Visions for Improving Graduate Diversity: Student Characteristics vs. Systemic/Cultural Factors." Proceedings of the 2018 Physics Education Research Conference, Washington, DC. Ed. Adrienne L. Traxler, Ying Cao, and Steven F. Wolf. Washington, DC: n.p., 2018. Web. *

Thomas H. Gosnell School of Life Sciences

Gregory Babbitt, Associate Professor

Journal Paper: E.G, Ryen, et al. "Ecological Foraging Models as Inspiration for Optimized Recycling Systems in the Circular Economy." RESOURCES CONSERVATION AND RECYCLING. 135 (2018): 48-57. Print. *

Journal Paper: G.A., Babbitt, et al. "DROIDS 1.2 – a GUI-based Pipeline for GPU-accelerated Comparative Protein Dynamics." *BIOPHYSICAL JOURNAL* 114. (2018): 1009-1017. Print. *

Journal Paper: G.A., Babbitt, et al. "Triplet codon organization optimizes the impact of synonymous mutation on nucleic acid molecular dynamics." *JOURNAL OF MOLECULAR EVOLUTION* 86. (2018): 91-102. Print. *

Feng Cui, Associate Professor

Published Conference Proceedings: Li, Rui, et al. "Sparse Covariance Modeling in High Dimensions with Gaussian Processes." *Proceedings of the Neural Information Processing Systems 2018*. Ed. S. Bengio, et al. Montreal, Canada: n.p., 2018. Web. *

Published Conference Proceedings: Bao, Feifei, et al. "P53 Binding Sites in Normal and Cancer Cells are Characterized by Distinct Chromatin Context." *Proceedings of the AACR Annual Meeting 2018*. Ed. Chi Van Dang. Chicago, IL: n.p., 2018. Print.

Elizabeth Hane, Associate Professor

Journal Paper: Franklin, Scott V., et al. "Improving Retention Through Metacognition: A Program for Deaf/Hard-of-Hearing and First Generation STEM College Students." *Journal of College Science Teaching* 48. 2 (2018): 21-27. Print. «

Published Conference Proceedings: Hane, Elizabeth N. and Scott V. Franklin. "A Metacognitive Toolkit to Improve Retention of STEM Students from Excluded Identities." *Proceedings of the AAC and U Transforming STEM Education Conference*, November, 2018, Atlanta, GA. Ed. AAC and U. Washington, DC: n.p., Web. «

Andre Hudson, Professor

Journal Paper: Babbitt, Hudson, et al. "Synonymous Codon Organization Reduces the Impact of Mutation on Nucleic Acid Molecular Dynamics." *J. Mol. Evo.* (2018): N/A. Web. *

Journal Paper: AO, Parthasarathy, et al. "A Three-ring Circus: Metabolism of the Three Pro-teogenic Aromatic Amino Acids and Their Role in the Health of Plants and Animals." *Front Mol Biosci.* (2018): N/A. Web. *

Journal Paper: AO, Parthasarathy, et al. "Isolation and Genomic Characterization of Six Endophytic Bacteria Isolated from Saccharum sp (sugarcane): Insights into Antibiotic, Secondary Metabolite and Quorum Sensing Metabolism." *Journal of Genomics* 6. (2018): 117-121. Web. *

Journal Paper: AO, Parthasarathy, et al. "Whole Genome Sequencing and Annotation of *Exiguobacterium* sp. RIT 452, an Antibiotic Producing Strain Isolated from a Pond Located on the Campus of the Rochester Institute of Technology." *Microbiol Resour Announc.* (2018): N/A. Web. *

Carmody K McCalley, Assistant Professor

Journal Paper: Woodcroft, B. J., et al. "Genome-centric view of carbon processing in thawing permafrost." *Nature* 560. (2018): 49-54. Print. *

Journal Paper: Singleton, C. M., et al. "Methanotrophy across a natural permafrost thaw environment." *The ISME Journal*. (2018): doi:0.1038/s41396-018-0065-5. Web. *

Journal Paper: Palace, M., et al. "Determining Subarctic Peatland Vegetation Using an Unmanned Aerial System (UAS)." *Remote Sensing* 10. (2018): 1498. Web. *

Dina Newman, Associate Professor

Invited Keynote/Presentation: Newman, Dina L., et al. "Gauging the Impact of Organic Chemistry REActivities at a Four-Year and a Two-Year Institution." *Biennial Conference on Chemical Education*. American Chemical Society. South Bend, IN. 2 Aug. 2018. Conference Presentation. «

Journal Paper: Wright, L. Kate, et al. "Arrows in Biology: Lack of Clarity and Consistency Points to Confusion for Learners." CBE - Life Sciences Education 17. 1 (2018): ar6, 1-13. Web. *

Journal Paper: Newman, Dina L., et al. "A Community-Building Framework for Collaborative Research Coordination across the Education and Biology Research Disciplines." CBE - Life Sciences Education 17. 2 (2018): es2, 1-10. Web. *

Journal Paper: Newman, Dina L., et al. "Physical Models Can Provide Superior Learning Opportunities Beyond the Benefits of Active Engagement." Biochemistry and Molecular Biology Education 46. 5 (2018): 435-444. Print. *

Journal Paper: Donahue, Callie J., et al. "A Close-up Look at PCR." CourseSource. (2018): in press. Web. *

Peer Reviewed/Juried Poster Presentation: Magelhaes, Rita Margarida Quinones de, et al. "Inclusive Excellence: A Three-Pronged Approach to Increasing Diversity and Retention in Science." Proceedings of the Society for the Advancement of Biology Education Research, July 27-29, 2018, Minneapolis, MN. Ed. Mary Pat Wenderoth. Minneapolis, MN: n.p.. «

Peer Reviewed/Juried Poster Presentation: Dy, Grace Elizabeth C., L. Kate Wright, and Dina L. Newman. "Visual Representations of Meiosis in Biology Textbooks Fail to Provide Important Conceptual Information." Proceedings of the Society for the Advancement of Biology Education Research, July 27-29, 2018, Minneapolis, MN. Ed. Mary Pat Wenderoth. Minneapolis, MN: n.p.. «

Invited Keynote/Presentation: Wright, L. Kate and Dina L. Newman. "High School Teacher Conceptions and Lessons about Meiosis Reveal a Critical gap in Molecular level Knowledge." Society for the Advancement of Biology Education Research Annual Meeting. Society for the Advancement of Education Research. Minneapolis, MN. 29 Jul. 2018. Conference Presentation. «

Invited Keynote/Presentation: Gardner, Stephanie, et al. "Development and Testing of Competencies for Experimentation in Biology." Society for the Advancement of Biology Education Research Annual Meeting. Society for the Advancement of Education Research. Minneapolis, MN. 29 Jul. 2018. Conference Presentation. «

Invited Keynote/Presentation: Newman, Dina L. and L. Kate Wright. "How to Get More Out of Conceptual Assessment Data." Society for the Advancement of Biology Education Research Annual Meeting. Society for the Advancement of Education Research. Minneapolis, MN. 29 Jul. 2018. Conference Presentation. «

Peer Reviewed/Juried Poster Presentation: Newman, Dina L., et al. "How is Meiosis Taught in High School?" Proceedings of the American Society of Human Genetics Annual Meeting, October 16-20, 2018, San Diego, CA. Ed. Bruce R. Korf. San Diego, CA: n.p.. «

Invited Keynote/Presentation: Newman, Dina L., et al. "Undergraduate Faculty Genetics Education Workshop." American Society of Human Genetics Annual Meeting. American Society of Human Genetics. San Diego, CA. 17 Oct. 2018. Conference Presentation.

Invited Keynote/Presentation: Collison, Christina Goudreau, et al. "Reformed Experimental Activities (REActivities): Rethinking How We Deliver an Organic Chemistry Lab." Biennial Conference on Chemical Education. American Chemical Society. South Bend, IN. 30 Jul. 2018. Conference Presentation. «

Peer Reviewed/Juried Poster Presentation: Newman, Dina L., et al. "Fostering Inclusivity and Equity: a Three-Strand Approach for Research, Classroom and Community." Proceedings of the 2018 Transforming STEM Higher Education Conference. Ed. Kelly Mack. Atlanta, GA: AAC and U. *

Invited Keynote/Presentation: Gardner, Stephanie, et al. "Development and Testing of Assessments for Measuring Experimentation Competence in Biology." Society for the Advancement of Biology Education Research Annual Meeting. Society for the Advancement of Education Research. Minneapolis, MN. 27 Jul. 2018. Conference Presentation. «

Susan Smith, Associate Professor

Journal Paper: Hoh, Christina, Susan Smith Pagano, and Christopher J. Norment. "Spatial Variation in White-throated Sparrow (*Zonotrichia albicollis*) Refueling Rate Near a Migratory Barrier." *Wilson Journal of Ornithology* 130. (2018): 891-901. Print. *

Journal Paper: Win, Shwe Sin, et al. "Anaerobic Digestion of Black Soldier Fly Larvae (BSFL) Biomass as Part of an Integrated Biorefinery." *Renewable Energy* 127. (2018): 705-712. Print. *

Invited Keynote/Presentation: Pagano, Susan Smith. "Native Berries for Migratory Birds." Native Plants in the Landscape Conference. Bowman's Hill Wildlife Preserve. Millersville, PA. 8 Jun. 2018. Keynote Speech.

Journal Editor: Pagano, Susan Smith, ed. *Condor: Ornithological Applications*. Chicago, IL: American Ornithological Society, 2018. Print.

Journal Editor: Pagano, Susan Smith, ed. *Northeastern Naturalist*. Steuben, ME: Eagle Hill Institute, 2018. Print.

Invited Keynote/Presentation: Pagano, Susan Smith and Calvin Carrington. "Stopover Physiology of Migratory Songbirds Near the South Shore of Lake Ontario." International Ornithological Congress 2018. IOC. Vancouver, BC, Canada. 21 Aug. 2018. Conference Presentation.

Invited Keynote/Presentation: Pagano, Susan Smith. "Can Invasive Fruits be Nutritional Traps." Northeast Natural History Conference. Eagle Hill Institute. Burlington, VT. 14 Apr. 2018. Conference Presentation.

Invited Keynote/Presentation: Border, Molly, et al. "Does Japanese Barberry Affect the Physiological Condition of Breeding Male Ovenbirds?" 1. 45th Annual Rochester Academy of Sciences Fall Scientific Paper Session. SUNY College at Geneseo. Geneseo, NY. 10 Nov. 2018. Conference Presentation.

Invited Keynote/Presentation: Horst, Gretchen, Andrea Patterson, and Susan Smith Pagano. "Morrow's Honeysuckle Impacts Nutrition, Body Condition, and Plumage Coloration of Baltimore Orioles." 45th Annual Rochester Academy of Sciences Fall Scientific Paper Session. SUNY College at Geneseo. Geneseo, NY. 10 Nov. 2018. Conference Presentation.

Invited Keynote/Presentation: Tarmey, Signe, et al. "Characterizing the Chemical Fingerprint of Smith's Buckthorn, a Rhamnaceae Species Native to Colorado and New Mexico." Rochester Section of the American Chemical Society Student Research Symposium. SUNY College at Brockport. Brockport, NY. 14 Apr. 2018. Conference Presentation.

Hyla Sweet, Associate Professor

Invited Keynote/Presentation: Moser, Jacqueline and Hyla Sweet. "Coelomogenesis in a Brittle Star *Vitellaria* Larva." *Developmental Biology of the Sea Urchin XXV*. Marine Biological Laboratory. Woods Hole, MA. 19 Oct. 2018. Conference Presentation.

Invited Keynote/Presentation: Jaff, Nasreen and Hyla Sweet. "Development of the Axial Complex in the Brittle Star *Ophioplocus esmarki*." Rochester Academy of Science 45th Annual Fall Scientific Paper Session. State University of New York at Geneseo. Geneseo, NY. 10 Nov. 2018. Conference Presentation.

Invited Keynote/Presentation: Moser, Jacqueline and Hyla Sweet. "Coelomogenesis in a Brittle Star *Vitellaria* Larva." Rochester Academy of Science 45th Annual Fall Scientific Paper Session. State University of New York at Geneseo. Geneseo, NY. 10 Nov. 2018. Conference Presentation.

Peer Reviewed/Juried Poster Presentation:

Azriel, Guy, et al. "3D Modeling of a Brittle Star Vitellaria Larva." Proceedings of the Rochester Academy of Science 45th Annual Fall Scientific Paper Session. Ed. RAS. Geneseo, NY: n.p..

Peer Reviewed/Juried Poster Presentation:

Shumway, Alexandria and Hyla Sweet. "Transcriptomics of the Ophioplocus esmarki Brittle Star." Proceedings of the Rochester Academy of Science 45th Annual Fall Scientific Paper Session. Ed. RAS. Geneseo, NY: n.p..

Peer Reviewed/Juried Poster Presentation:

Wright, L. Kate and Dina L. Newman. "High School Teacher Conceptions and Lessons about Meiosis Reveal a Critical gap in Molecular level Knowledge." Proceedings of the Society for the Advancement of Biology Education Research, 8th annual meeting. Ed. Mary Pat Wenderworth. Minneapolis, MN: n.p.. *

Anna Tyler, Associate Professor

Journal Paper: Badura, G.P., et al. "A Novel Approach for Deriving LAI of Salt Marsh Vegetation Using Structure from Motion and Multi-Angular Spectra." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. (2018): 1-15. Print. *

Journal Paper: Kuntz, K.L. and A.C. Tyler. "Bioturbating Invertebrates Enhance Decomposition and Nitrogen Cycling in Urban Stormwater Ponds." Journal of Urban Ecology 4. 1 (2018): July 2015. Print. *

Invited Keynote/Presentation: Tyler, A.C. "Rethinking Wetland Restoration in a Changing Environment." New York State Wetlands Forum Annual Meeting. New York State Wetlands Forum Annual Meeting. Watkins Glen, NY. 11 Apr. 2018. Conference Presentation. Δ

Leslie Kate Wright, Associate Professor

Journal Paper: Newman, Dina L., et al. "Physical Models can Provide Superior Learning Opportunities Beyond the Benefits of Active Engagements." Biochemistry and Molecular Biology Education 46. 5 (2018): 435-44. Print. *

Journal Paper: Wright, L. Kate, et al. "Arrows in Biology: Lack of Clarity and Consistency Points to Confusion for Learners." CBE Life Sciences Education Vol 17. 1 (2018): 1-13. Print. *

Architecture

Giovanna Potesta, Assistant Professor

Book Chapter: Potesta, Giovanna. "Smart Cities and Place Making; The "Sense of Place" in the Implementation of Smart Cities in the Arabian Gulf." Smart Cities in the Gulf. Current State, Opportunities, and Challenges. Ed. Wael A. Samad and Elie Azar. Singapore, Singapore: Palgrave Macmillan, 2018. 223-246. Print. *

PhD in Sustainability

Roger B Chen, Assistant Professor

Published Conference Proceedings: Chen, Roger and Christopher Valent. "The Socialization of Travel: The Effects of Social Networks on Resiliency." Proceedings of the Transportation Research Board. Ed. N/A. Washington, DC: n.p., Web. *

Journal Paper: Chen, Roger, Jee-Eun Kang, and Ziheng Xu. "A Random Utility Based Estimation Framework for the Household Activity Pattern Problem." Transportation Research, Part A. (2018): 321-337. Print. *

Journal Paper: Chen, Roger and William Armington. "Household Food Waste Collection: Building Service Networks Through Neighborhood Expansion." Waste Management. (2018): 304-311. Print. *

Journal Paper: Chen, Roger and Ming Hu. "A Framework for Understanding Sense of Place in an Urban Design Context." Urban Science. (2018): 34. Web. *

Journal Paper: Chen, Roger, Eric Williams, and Ashok Sekar. "Changes in Time Use and Their Effect on Energy Consumption in the United States." Joule. (2018): 521-536. Web. *

Book Chapter: Armington, William, Callie Babbitt, and Roger Chen. "Challenges and Innovations in Food Waste-to-Energy Management and Logistics." Sustainable Food Waste-To-energy Systems 2018. Rochester, NY: Elsevier, 2018. 259-271. Print. Δ

Published Conference Proceedings: Chen, Roger and William Armington. "What to Do with All This Food? Examining the Emerging Food Waste Hauling Network in Western New York State." Proceedings of the Transportation Research Board. Ed. N/A. Washington, DC: n.p., Web. *

Published Conference Proceedings: Chen, Roger, et al. "A Queueing Analysis of Operational Inefficiency in Public PEV Charging Stations." Proceedings of the Transportation Research Board. Ed. N/A. Washington, DC: n.p., Web. *

Journal Paper: Chen, Roger and Ashok Sekar. "Investigating the Impact of Sense of Place on Site Visit Frequency with Non-motorized Travel Modes." Transport Geography. (2018): 268-282. Print. *

Journal Paper: Chen, Roger, Katie McConkey, and Glenn Gavi. "A Comparison of Motivational and Informational Contexts for Improving Eco-driving Performance." Transportation Research, Part F. (2018): 62-74. Print. *

Journal Paper: Chen, Roger, William Armington, and Ranjit Desai. "A Pattern Analysis of Daily Electric Vehicle Charging Profiles: Operational Efficiency and Environmental Impacts." Journal of Advanced Transportation. (2018): N/A. Web. *

Thomas Trabold, Associate Professor

Journal Paper: Barber, S., et al. "Closing Nutrient Cycles with Biochar - From Filtration to Fertilizer." *Journal of Cleaner Production* 197. (2018): 1597-1606. Print. *

Full Length Book: Trabold, Thomas A. and Callie W. Babbitt. *Sustainable Food Waste-to-Energy Systems*. London, England: Academic Press, 2018. Print.

Book Chapter: Trabold, Thomas A. and Callie W. Babbitt. "Chapter 1: Introduction." *Sustainable Food Waste-to-Energy Systems*. Ed. Thomas A. Trabold and Callie W. Babbitt. London, England: Academic Press, 2018. 1-10. Print.

Book Chapter: Trabold, Thomas A., Shwe Sin Win, and Swati Hegde. "Chapter 2: Waste Resources in the Food Supply Chain." *Sustainable Food Waste-to-Energy Systems*. Ed. Thomas A. Trabold and Callie W. Babbitt. London, England: Academic Press, 2018. 11-28. Print.

Journal Paper: Win, Shwe Sin, et al. "Anaerobic Digestion of Black Soldier Fly Larvae (BSFL) Biomass as Part of an Integrated Biorefinery." *Renewable Energy* 127. (2018): 705-712. Print. *

Journal Paper: Liu, Xuan and Thomas A. Trabold. "Non-active Area Water Mitigation in PEM Fuel Cells via Bipolar Plate Surface Energy Modification." *International Journal of Hydrogen Energy* 43. (2018): 908-920. Print. *

Journal Paper: Hegde, Swati, Jeffrey S. Lodge, and Thomas A. Trabold. "Characteristics of Food Processing Wastes and their use in Sustainable Alcohol Production." *Renewable and Sustainable Energy Reviews* 81. (2018): 510-523. Print. *

Book Chapter: Trabold, Thomas A. and Vineet Nair. "Chapter 3: Conventional Food Waste Management Methods." *Sustainable Food Waste-to-Energy Systems*. Ed. Thomas A. Trabold and Callie W. Babbitt. London, England: Academic Press, 2018. 29-45. Print.

Book Chapter: Hegde, Swati and Thomas A. Trabold. "Chapter 5: Sustainable Waste-to-Energy Technologies: Fermentation." *Sustainable Food Waste-to-Energy Systems*. Ed. Thomas A. Trabold and Callie W. Babbitt. London, England: Academic Press, 2018. 69-88. Print.

Book Chapter: Win, Shwe Sin and Thomas A. Trabold. "Chapter 6: Sustainable Waste-to-Energy Technologies: Transesterification." *Sustainable Food Waste-to-Energy Systems*. Ed. Thomas A. Trabold and Callie W. Babbitt. London, England: Academic Press, 2018. 89-109. Print.

Book Chapter: Ebner, Jacqueline H., et al. "Chapter 10: Environmental Aspects of Food Waste-to-Energy Conversion." *Sustainable Food Waste-to-Energy Systems*. Ed. Thomas A. Trabold and Callie W. Babbitt. London, England: Academic Press, 2018. 177-201. Print.

Journal Editor: Trabold, Thomas A., ed. *Sustainability - Agriculture, Food and Wildlife Section*. Basel, Switzerland: MDPI, 2018. Print.

Published Conference Proceedings: Nunziato, Ryan, et al. "Mechanical Properties and Anaerobic Biodegradation of Thermoplastic Starch/Polycaprolactone Blends." *Proceedings of the 21st IAPRI World Conference on Packaging*. Ed. Zhi-Wei Wang. Zhuhai, China, China: n.p., 2018. Print. *

Published Conference Proceedings: Hegde, Swati, et al. "Anaerobic Biodegradation of Bioplastic Packaging Materials." *Proceedings of the 21st IAPRI World Conference on Packaging*. Ed. Zhi-Wei Wang. Zhuhai, China, China: n.p., 2018. Print. *

Published Conference Proceedings: Samadi, Kosar, et al. "Mechanical Behavior and Anaerobic Biodegradation of a Poly(lactic acid) blend containing a Poly(lactic acid)-co-Poly(glycolic acid) Copolymer." *Proceedings of the ANTEC Conference and Tradeshow*. Ed. SPE. Orlando, FL: Society of Plastics Engineers, 2018. Print. *

Provisional Patent: Barber, Steven, et al. "Novel Pigment Replacement for Commercial Printing Inks." U.S. Provisional Patent Application 62/656,676. 12 Apr. 2018.

THOMAS TRABOLD IS AN ASSOCIATE PROFESSOR AND DEPARTMENT HEAD IN THE GOLISANO INSTITUTE FOR SUSTAINABILITY. HIS RESEARCH INTERESTS ARE RELATED TO VALORIZATION OF ORGANIC WASTE MATERIALS, WITH A PARTICULAR FOCUS ON FOOD WASTE, AND THE APPLICATION OF FUEL CELLS FOR MOBILE POWER SYSTEMS WITH ULTRA-LOW CARBON EMISSIONS.

Food waste is recognized as a major global problem, with at least 30% of food produced in the U.S. never being consumed by humans. The conventional end-of-life treatment methods fail to utilize the embodied energy and water resources of these materials, and there is now significant interest in developing cost-effective alternatives based on biochemical and thermochemical processes. Dr. Trabold and his students have analyzed the environmental benefits of anaerobic digestion, in which microorganisms convert food waste in the absence of oxygen into biogas comprised mostly of methane (CH₄), useful as a renewable replacement for fossil natural gas. Recent research has focused on applying thermochemical processes of gasification and pyrolysis, whereby food waste is processed at 500–800°C under reduced oxygen conditions to yield hydrogen-rich syngas and a solid carbon material called “biochar”, suitable as a sustainable fertilizer or adsorption medium. The recently published book *Sustainable Food Waste-to-Energy Systems*, co-edited by Trabold and Dr. Callie Babbitt, presents various food waste conversion technologies, as well as environmental, economic and policy analyses of these systems.

The other part of Dr. Trabold’s research program involves mobile fuel cell systems that combine hydrogen with oxygen from the air to produce electrical power. By using high-temperature proton exchange membrane (HT-PEM) fuel cell materials such as polybenzimidazole doped with phosphoric acid, the fuel cell can run at temperatures up to 200°C with tolerance for high levels of carbon monoxide. This approach avoids the need for ultra-pure hydrogen, and enables use of readily available hydrocarbon fuels as a hydrogen source. We are now using this technology to develop a fuel cell power plant for unmanned aerial systems (UAS) that may have performance and durability advantages over small internal combustion engines and batteries.

Dr. Trabold’s research prior activities have had a strong application focus, resulting in over 50 U.S. and international patents. Recent Ph.D. dissertation projects have produced patent applications for a compact fuel cell systems based on an integrated propane reformer and HT-PEM fuel cell stack, and novel printing inks using biochar as a sustainable replacement for carbon black. Future research will contribute to fuel cells that run on renewable hydrogen derived from waste biomass resources, to ultimately develop energy systems that minimize cost and net greenhouse gas emissions.

THOMAS A. TRABOLD
ASSOCIATE PROFESSOR AND DEPARTMENT HEAD
GOLISANO INSTITUTE FOR SUSTAINABILITY

PHOTO BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Invited Keynote/Presentation: Trabold, Thomas and Nenad Nenadic. "Energy Research at the Golisano Institute for Sustainability." Northeast Regional R&D Connector Workshop. Northeast Energy Efficiency Partnerships. Albany, New York. 1 Mar. 2018. Conference Presentation.

Invited Keynote/Presentation: Trabold, Thomas, et al. "Thermochemical Conversion as a Sustainable Food Waste Management Strategy." Sustainable Packaging Symposium. American Institute of Chemical Engineers. Rutgers University, New Brunswick, NJ. 6 Dec. 2018. Keynote Speech.

Invited Keynote/Presentation: Hegde, Swati, et al. "Anaerobic Digestion of Bioplastic Packaging Materials." Sustainable Packaging Symposium. American Institute of Chemical Engineers. Rutgers University, New Brunswick, NJ. 7 Dec. 2018. Conference Presentation.

Invited Keynote/Presentation: Trabold, Thomas. "Biochar as a Sustainable Food Waste Management Strategy." Biochar 2018. US Biochar Initiative (USBi). Wilmington, Delaware. 22 Aug. 2018. Conference Presentation.

Eric Williams, Professor

Journal Paper: Williams, Eric, Ashok Sekar, and Roger Chen. "Changes in Time use and their Effect on Energy Consumption in the United States." *Joule* 2. 3 (2018): 521-536. Print. *

Journal Paper: Das, Saptarshi, Gabrielle Gaustad, and Eric Williams. "Techno-economic Analysis of Supercritical Extraction of Rare Earth Elements from Coal Ash." *Journal of Cleaner Production* 189. (2018): 539-551. Print. *

Journal Paper: Sekar, Ashok, Eric Williams, and Roger Chen. "How Behavioral and Geographic Heterogeneity Affects Economic and Environmental Benefits of Efficient Appliances." *Energy Policy* 125. (2018): 537-547. Print. *

Invited Article/Publication: Williams, Eric, Eric Hittinger, and Ashok Sekar. "Not all Consumers are Equal – In Terms of What they Save by Using Efficient Appliances." *TheConversation*. (2018). Web. £

Invited Article/Publication: Das, Saptarshi, Eric Williams, and Gabrielle Gaustad. "Could Coal Ash be a Viable Source of Rare-earth Metals?" *TheConversation*. (2018). Web. £

Invited Article/Publication: Hittinger, Eric and Eric Williams. "How Energy Storage is Starting to Rewire the Electricity Industry." *TheConversation*. (2018). Web. £

Invited Article/Publication: Goteti, Srujana, Eric Hittinger, and Eric Williams. "Does Energy Storage Make the Electric Grid Cleaner?" *TheConversation*. (2018). Web. £

Invited Article/Publication: Sekar, Ashok and Eric Williams. "Americans are Saving Energy by Staying at Home." *TheConversation*. (2018). Web. £

Invited Article/Publication: Williams, Eric. "Autonomous Vehicles Could Help Millions of People Catch up on Sleep, TV and Work." *TheConversation*. (2018). Web. £

External Scholarly Fellowships/National Review Committee:

8/1/2018 -
9/31/2019
Ford Motor Company
Amount: \$20000
≠

External Scholarly Fellowships/National Review Committee:

1/1/2019 -
12/31/2021
National Science Foundation
Amount: \$298,713
*

External Scholarly Fellowships/National Review Committee:

7/1/2018 -

6/30/2021

National Science Foundation

Amount: \$295,105

*

Research Centers

Nabil Nasr, Professor

Invited Keynote/Presentation: Ph.D., Nabil Nasr,. "Re-defining Value - The Manufacturing Revolution, Remanufacturing, Refurbishment, Repair and Direct Reuse in the Circular Economy." World Circular Economy Forum. Sitra. Yokohama,, Japan. 23 Oct. 2018. Keynote Speech. ~

Invited Keynote/Presentation: Ph.D., Nabil Nasr,. "Business Models and Initiatives in Support of Circularity." A Roadmap to the Future of Global Sustainable Growth – Closing the Loop with Partnerships and Circular Business Models. Danish Cleantech Hub. New York City, NY. 25 Sep. 2018. Conference Presentation.

Invited Keynote/Presentation: Ph.D., Nabil Nasr,. "Remanufacturing in the Americas." 2018 World Remanufacturing Conference. Remanufacturing Industries Council. Rochester, NY. 19 Sep. 2018. Keynote Speech.

Invited Keynote/Presentation: Ph.D., Nabil Nasr,. "Assessment of Resource Efficiency and Innovation in Circular Economy through Remanufacturing, Refurbishment, Repair and Direct Reuse." G7 Value Retention Policies Workshop on Advancing Remanufacturing, Refurbishment, Repair and Direct Reuse. European Commission. Montreal, Ontario, Canada. 21 Jun. 2018. Keynote Speech.

Invited Article/Publication: Nasr, Nabil. "Re-man World and RIC join for the Future." Reman World Magazine. (2018). Print. ^

Invited Article/Publication: Nasr, Nabil. "Redefining Manufacturing for a Sustainable Future." Rochester Business Journal. (2018). Print. ^

Invited Article/Publication: Nasr, Nabil. "Manufacturing Needs More than Tax Reform." ISE Magazine. (2018). Print. ^

Journal Paper: Nasr, Nabil, et al. "The Effect of Remanufacturing and Direct Reuse on Resource Productivity of China's Automotive Production." Journal of Cleaner Production 194. September (2018): 309-317. Print. *

Invited Article/Publication: Nasr, Nabil. "Manufacturing a Sustainable Material Strategy." ISE Magazine. (2018). Print. ^

Invited Article/Publication: Nasr, Nabil. "The Tools for a Circular Economy are Almost Here." ISE Magazine. (2018). Print. ^

Invited Article/Publication: Nasr, Nabil, et al. "Re-defining Value – The Manufacturing Revolution. Remanufacturing, Refurbishment, Repair and Direct Reuse in the Circular Economy." A Report of the International Resource Panel. United Nations Environment Programme. (2018). Print. ~

Invited Article/Publication: Nasr, Nabil. "Path to Circular Economy Needs Full Buy-in." ISE Magazine. (2018). Print. ^

Journal Editor: Realff, Matthew, Jan Lerou, and Michael Rinker, ed. Journal of Advanced Manufacturing and Processing. Atlanta: American Institute of Chemical Engineers, 2018. Web. *

Nenad Nenadic, Research Associate Professor

Published Conference Proceedings: Nenadic, Nenad G., Michael G. Thurston, and Adrian A. Hood. "Learning Operating Conditions for Gearbox Health Monitoring." Proceedings of the American Helicopter Society, 74th Annual Forum and Technical Display. Ed. Vertical Flight Society. Phoenix, AZ: <https://vtol.org/store/departments/hums-1374.cfm>, 2018. Web. *

Published Conference Proceedings: Nenadic, Nenad G., et al. "Assessment of Overhaul Effectiveness and Usage-based Inference Using Bayesian Networks." Proceedings of the 10th Annual Conference of the Prognostics and Health Management Society. Ed. Marcos Eduardo Orchard. Philadelphia, PA: PHM Society, 2018. Web. *

Published Conference Proceedings: Nenadic, Nenad G., et al. "Assessment of Overhaul Effectiveness and Usage-based Inference Using Bayesian Networks." Proceedings of the 10th Annual Conference of the Prognostics and Health Management Society. Ed. Marcos Eduardo Orchard. Philadelphia, PA: PHM Society, 2018. Web. *

International Campuses

RIT Dubai

Wael Abdel Samad

Journal Paper: Shehata, Mohamed, Tarek Hatem, and Wael A. Samad. "Experimental Study of Build Orientation in Direct Metal Laser Sintering of 17-4PH Stainless Steel." 3D Printing and Additive Manufacturing. (2018): (ahead of print). Web. *

Full Length Book: Samad, Wael A. and Elie Azar. Smart Cities in the Gulf. Singapore, N/A: Palgrave Macmillan, 2018. Print. *

Published Conference Proceedings: Yousefi, Mohammad, Xavier Balandraud, and Wael A. Samad. "Thermographic Stress Field Investigation of a Multiply-Loaded Disk." Proceedings of the Conference Proceedings of the Society for Experimental Mechanics Series. Ed. Antonio Baldi, et al. Greenville, SC: Springer International Publishing, 2018. Print. *

Published Conference Proceedings: Pervaiz, Salman, et al. "Numerical Modeling of Charpy Impact Test to Determine the Fracture Characteristics of Aluminium Alloy 6061." Proceedings of the Conference Proceedings of the Society for Experimental Mechanics Series. Ed. Jay Carroll, et al. Greenville, SC: Springer International Publishing, 2018. Print. *

Published Conference Proceedings: Pervaiz, Salman, Sathish Kannan, and Wael A. Samad. "A Numerical Study to Investigate the Influence of Edge Preparation in Vibration Assisted Machining." Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition. Ed. ASME. Pittsburgh, PA: ASME, 2018. Web. *

Published Conference Proceedings: Samad, Wael A., Ahmed Warsame, and Adnan Khan. "An Experimental Study on the Edgewise Compressive Failure of Paper Honeycomb Sandwich Panels with Respect to Various Aspect Ratios." Proceedings of the IMMT2017. Ed. IOP Conference Series: Materials Science and Engineering. Dubai, N/A: IOP Publishing Ltd, 2018. Print. *

Sanjay S Modak

Invited Article/Publication: Modak, Sanjay. "How the US is Busting Myths and Convention on Trade." Khaleej Times. (2018). Print. Δ

Invited Article/Publication: Modak, Sanjay. "UAE-China Partnership has Tremendous Potential." Khaleej Times. (2018). Print. Δ

Invited Paper: Modak, Sanjay. "Modi will be Judged on Economic Reforms Alone." Khaleej Times. (2018). Print. Δ

Invited Paper: Modak, Sanjay. "What Good is India's Growth if it does not Benefit All?" Khaleej Times. (2018). Print. Δ

Jonathon Penny

Shows/Exhibits/Installations: composer), Jonathon Penny (Mark Mitchell,. Junction Town. 8-16 Dec. 2018. Cardston Community Centre, Cardston, Alberta, Canada. Performance. ≠

Invited Keynote/Presentation: Penny, Jonathon. "Fickle-tions, Po-ums, and Hymn-Flam." "Humor." 13th Annual Conference of Mormon Scholars in the Humanities. Brigham Young University. Provo, Utah. 22-24 Dec. 2018. Reading. *

Invited Article/Publication: Penny, Jonathon. "The Toscano Heresy." Dovesong. (2018). Print. «

Invited Article/Publication: Penny, Jonathon. "Song to be Sung in Times of Famine, Fear, and Desolation." Dovesong. (2018). Print. «

Salman Pervaiz

Journal Paper: Anwar, Saqib, et al. "Electron Beam Melting of Gamma Titanium Aluminide and Investigating the Effect of EBM Layer Orientation on Milling Performance." The International Journal of Advanced Manufacturing Technology 96. 9-12 (2018): 3093–3107. Web. *

Journal Paper: Pervaiz, Salman, Sathish Kannan, and Hossam Kishawy. "An Extensive Review of the Water Consumption and Cutting Fluid-based Sustainability Concerns in the Metal Cutting Sector." Journal of Cleaner Production 197. (2018): 134-153. Web. *

Wael A. Samad is an Assistant Professor of Mechanical Engineering at RIT's Campus in Dubai. His main research interests lie in the development of hybrid approaches for the assessment and characterization of mechanical structures.

Dr. Samad's scholarly work focuses primarily on Hybrid Mechanics and Composite Materials. More specifically, his research in this field is situated in three subcategories: i) structural analysis of sandwich composite materials, ii) hybridizing thermographic experimental data and iii) numerical modeling of paper-based honeycomb constructions. The research Dr. Samad's group is most recently working on is in collaboration with the Institut Pascal in France, where the objective is to couple analytical stress functions with experimental thermoelastic data for a better understanding of the underlying state of stress in different granular stacking scenarios. Preliminary results of this work are scheduled to be presented at the Society of Experimental Mechanics' annual meeting in Reno, NV in June 2019.

Aside from his research group's primary track, Dr. Samad has taken on the topic of smart cities in effort to align some of his scholarly work with RIT-Dubai's vision and newly established City Science graduate program. Dr. Samad's work in this area culminated in co-organizing a 3-day workshop on the subject with the Gulf Research Center Cambridge held at the University of Cambridge, UK. The workshop, titled "Smart Cities in the Gulf: Current State, Opportunities, and Challenges", which attracted academics and practitioners from various disciplines, investigated the challenges, opportunities and frameworks in the implementation of smart cities in the gulf region. A book comprising extended versions of papers presented at the workshop is now out and available by Palgrave Macmillan, 2019.

Dr. Samad has more than thirty publications including journal articles, conference proceedings, technical reports and an edited volume. He is currently the vice-chair of the Thermomechanics and Infra-Red Imaging technical division of the Society of Experimental Mechanics.

Wael A. Samad, PhD
Assistant Professor
Mechanical Engineering
RIT Dubai



Kate Gleason College of
Engineering

Biomedical Engineering

Vinay V Abhyankar, Assistant Professor

Journal Paper: Phaneuf, CR, et al. "Ultrasensitive Multi-species Detection of CRISPR-Cas9 by a Portable Centrifugal Microfluidic Platform." *Analytical Methods* 11. (2018): 559-565. Print. *

Journal Paper: Tran, N, et al. "MicroRNA Dysregulatory Synergistic Network: Discovering MicroRNA Dysregulatory Modules Across Subtypes in Non-Small Cell Lung Cancers." *BMC Bioinformatics* 19. (2018): 504. Print. *

Peer Reviewed/Juried Poster Presentation: Williams, M, et al. "Rapidly Integrated Microfluidic Debubbler." *Proceedings of the Biomedical Engineering Society Annual Meeting* October 2018. Atlanta, GA. Ed. BMES. Atlanta, GA: n.p.. £

Peer Reviewed/Juried Poster Presentation: Ahmed, A, et al. "An Automated Process for the Fabrication of Aligned Collagen Substrates with Tunable Fiber Properties." *Proceedings of the Biomedical Engineering Society Annual Meeting* October 2018. Atlanta, GA. Ed. BMES. Atlanta, GA: n.p.. £

Invited Keynote/Presentation: Inyang, E, et al. "In Vitro Characterization of Blood Brain Barrier Permeability Post Microcavitation." *Biomedical Engineering Society Annual Meeting* October 2018 Atlanta, GA. BMES. Atlanta, GA. 20 Oct. 2018. Conference Presentation. £

Jennifer L Bailey, Senior Lecturer

Published Conference Proceedings: Bailey, Jennifer, Christine Dobie, and David Wick. "Work in Progress: Designing an Introduction to Biomedical Engineering course around a design challenge." *Proceedings of the ASEE National Conference*, June 2018, Salt Lake City, UT. Ed. ASEE. Salt Lake City, UT: n.p., Web. *

Published Conference Proceedings: Bailey, Jennifer. "Exploring an Inquiry-based Learning with Peer-teaching Pedagogy in a Physiological Signals Lab Course." *Proceedings of the ASEE National Conference*, June 2018, Salt Lake City, UT. Ed. ASEE. Salt Lake City, UT: n.p., 2018. Web. *

Thomas R Gaborski, Associate Professor

Journal Paper: Chung, H.H., et al. "Use of Porous Membranes in Tissue Barrier and Co-culture Models." *Lab on a Chip* 18. (2018): 1671-1689. Print. *

Journal Paper: Chung, H.H., et al. "Extended Live-tracking and Quantitative Characterization of Wound Healing and Cell Migration with SiR-Hoechst." *Experimental Cell Research* 1. 2 (2018): 198-210. Print. *

Invited Keynote/Presentation: Gaborski, T.R. "Engineering Porous Membranes to Optimize in Vitro Cellular Barrier Models." *IEEE NANOMED*. IEEE. Waikiki, HI. 4 Dec. 2018. Conference Presentation. *

Blanca H Lapizco-Encinas, Associate Professor

Journal Paper: H., Mukaibo,, et al. "Ultrathin nanoporous membranes for insulator-based dielectrophoresis (iDEP)." *Nanotechnology* 29. 23 (2018): 235704. Print. *

Journal Paper: V., Perez-Gonzalez,, et al. "A simple approach to reducing particle trapping voltage in insulator-based dielectrophoretic systems." *Analytical Chemistry* 90. 7 (2018): 4310-4315. Print. *

Journal Paper: D., Polniak, et al. "Separating large microscale particles by exploiting charge differences with dielectrophoresis." *Journal of Chromatography A* 1545. (2018): 84-92. Print. *

Invited Keynote/Presentation: B.H., Lapizco-Encinas,, "Keynote address at the Graduate Lunch: Rapid microparticle assessments with insulator based dielectrophoresis." Society of Hispanic Professional Engineers (SHPE) 2018 Convention. Society of Hispanic Professional Engineers. Cleveland, OH. 8 Nov. 2018. Keynote Speech. ≠

Invited Keynote/Presentation: B.H., Lapizco-Encinas,, "Fine-tuning dielectrophoretic particle assessments." TP 2018 - 25th International Symposium on Electro- and Liquid Phase-Separation Techniques. University of Kyoto. Kyoto, Japan. 20 Aug. 2018. Keynote Speech. ≠

Invited Keynote/Presentation: B.H., Lapizco-Encinas,, "Microparticle analysis with insulator based dielectrophoresis." Conference Dielectrophoresis 2018. University of Surrey. Surrey, England. 24 Jul. 2018. Keynote Speech. ≠

Journal Editor: CHIEF), Blanca H. Lapizco-Encinas (EDITOR IN, ed. *ELECTROPHORESIS*. GERMAN: WILEY, 2018. Web.

Invited Keynote/Presentation: V.H., Perez-Gonzalez,, et al. "Lowering the required trapping voltage in insulator-based dielectrophoretic systems by post-array optimization." International Conference on Nanotechnology Tec.Nano 2018. Tec de Monterrey, Mexico. Monterrey, Mexico. 15 Nov. 2018. Conference Presentation. ≠

Invited Keynote/Presentation: R.C., Gallo-Villanueva,, et al. "Computational and experimental analysis of the influence of channel design over joule heating effects in insulator-based dielectrophoretic devices." International Conference on Nanotechnology Tec.Nano 2018. Tec de Monterrey, Mexico. Monterrey, Mexico. 15 Nov. 2018. Conference Presentation. ≠

Invited Keynote/Presentation: B.H., Lapizco-Encinas,, "Strategies for particle dielectrophoresis." Annual AES Meeting @ Scix. AES & Scix. Atlanta, GA. 23 Oct. 2018. Conference Presentation. ≠

Invited Keynote/Presentation: A., Coll De Peña,, et al. "Insulator-based dielectrophoresis to purify and enrich bacteriophages." Annual AES Meeting @ Scix. AES & Scix. Atlanta, GA. 22 Oct. 2018. Conference Presentation. £

Invited Keynote/Presentation: A., Coll De Peña,, et al. "Insulator-based dielectrophoresis to characterize the electrokinetic behavior of bacterial cells and create a library." Annual AES Meeting @ Scix. AES & Scix. Atlanta, GA. 22 Oct. 2018. Conference Presentation. ≠

Invited Keynote/Presentation: N., Hill,, Polniak, D., and Lapizco-Encinas, B.H. "Particle separation using dielectrophoresis chromatography." Annual AES Meeting @ Scix. AES & Scix. Atlanta, GA. 22 Oct. 2018. Conference Presentation. ≠

Invited Keynote/Presentation: N., Hill, and Lapizco-Encinas, B.H. "Assessment of correction factors employed in insulator based dielectrophoresis." Annual AES Meeting @ Scix. AES & Scix. Atlanta, GA. 22 Oct. 2018. Conference Presentation. ≠

Invited Keynote/Presentation: A., Coll De Peña,, et al. "Electrokinetic Characterization of Bacteriophages using Insulator-based Dielectrophoresis." 2018 RIT Undergraduate Research Symposium. RIT. Rochester, NY. 2 Aug. 2018. Conference Presentation. ≠

Featured Faculty

RAY PTUCHA IS AN ASSISTANT PROFESSOR IN THE DEPARTMENT OF COMPUTER ENGINEERING IN THE KATE GLEASON COLLEGE OF ENGINEERING. HIS MAIN RESEARCH INTERESTS LIE IN MACHINE LEARNING, COMPUTER VISION, ROBOTICS, AND IMAGE SCIENCE, ALL WITH AN EMPHASIS IN DEEP LEARNING.

Thanks primarily to advances in deep learning, we are entering what many argue is the 4th industrial revolution, where the line between silicon and carbon or computer and living organisms blur. This revolution is evolving at an exponential pace, with no historical precedent, disrupting almost every industry. Dr. Ptucha loves deep learning theory, and is committed to using this amazing technology such that our children will have a greater quality of life improvement than any prior generation.

Dr. Ptucha is the founder and director of the Machine Intelligence Laboratory (MIL). His research has broken down barriers between vision and language, developed advanced attention and acoustic models, introduced new context-based video understanding architectures, and developed advanced human-computer interfaces. He has learned methods to take multimodal concepts from audio, image, and written text into a common vector space where similar concepts lie near, dissimilar concepts far. The MIL has introduced a technique called Graph-CNN which can apply filtering and pooling operations on high dimensional graphs, enabling deep learning to be applied to generic graph tensors such as chemical structures and LiDAR point clouds. The MIL is using adversarial techniques to develop ground-breaking data augmentation methods where the computer learns statistical bounds of a data distribution, and then fantasizes new samples which a secondary computer program feel are real. These techniques are currently being used to preserve the culture of Seneca, an endangered Native American heritage by performing speech recognition from Seneca elders.

At the root of Dr. Ptucha's love for engineering is robotics. He has developed an autonomous wheelchair driven by voice commands, is a co-PI on a team that is training manufacturing robots and fork lifts to efficiently and safely exist with humans on warehouse floors, and has been leading the autonomous golf cart project (shown above) for the last five years.

Dr. Ptucha received his Ph.D. from GCCIS in 2013 where upon his gradation he received the honorable best doctoral dissertation award in 2014. He is an NSF Graduate Research Fellow, NVIDIA Deep Learning Instructor, has been awarded over 30 US patents and over 80 peer reviewed publications. He is the Chair of the Rochester Signal Processing Society and is a staunch supporter of FIRST robotics and STEM curriculums.

RAY PTUCHA
ASSISTANT PROFESSOR
KATE GLEASON COLLEGE OF ENGINEERING

PHOTO BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Invited Keynote/Presentation: C., Lentz,, Hidalgo-Caballero, S., and Lapizco-Encinas, B.H. "Low frequency AC potentials for insulator based dielectrophoresis." 2018 RIT Undergraduate Research Symposium. RIT. Rochester, NY. 2 Aug. 2018. Conference Presentation. ≠

National/International Competition Award

Winner: Hill, Nicole and Blanca H. Lapizco-Encinas. AES. TravelGrant to attend the 2018 AES Annual Meeting at Scix. Atlanta, GA, 2018. ≠

National/International Competition Award

Winner: Peña, Adriana Coll de and Blanca H. Lapizco-Encinas. AES. Travel Grant to attend the 2018 AES Annual Meeting at Scix. Atlanta, GA, 2018. ≠

Michael S Richards, Assistant Professor

Journal Paper: Mix, Doran, et al. "Manufacturing Abdominal Aorta Hydrogel Tissue-Mimicking Phantoms for Ultrasound Elastography Validation." Journal of Visualized Experiments. 139 (2018): NA. Web. *

Chemical Engineering

Anju R Gupta, Assistant Professor

Journal Paper: Rishi, S, A Gupta, and A Kandlikar. "Improving Aging Performance of Electro-deposited Copper Coatings During Pool Boiling." Applied Thermal Engineering,. (2018): 406-414. Print.

Journal Paper: Alhasani, W, M Gupta, and A Euler. "The Influence of Zn²⁺-doped PVDF on the Fluorescent Properties of Rhodamine 6G." Journal of Luminescence. (2018): 116 - 125. Print.

Published Conference Proceedings: Rishi, A, A Kandlikar, and S Gupta. "Improving Liquid Supply Pathways on Graphene Oxide Coated Surfaces for Enhanced Pool Boiling Heat Transfer Performance." Proceedings of the Proceedings of the ASME 2018 16th International Conference on Nanochannels, Microchannels, and Minichannels. Ed. ICNMM 2018,. Dubrovnik, Croatia: n.p., Print.

Peer Reviewed/Juried Poster Presentation: A, Gupta. "Phase Inversion, Creaming Effects and Multiple Emulsion Formation with Food Grade Surfactants." Proceedings of the Colloidal, Macromolecular and Polyelectrolyte Solutions, Gordon Research Conference. Ed. NA. Ventura, California: n.p..

Peer Reviewed/Juried Poster Presentation:

A, Gupta. "Improving Liquid Supply Pathways on Graphene Oxide Coated Surfaces for Enhanced Pool Boiling Heat Transfer Performance." Proceedings of the ICNMM 2018. Ed. NA. Dubrovnik, Croatia: n.p..

Peer Reviewed/Juried Poster Presentation:

A, Gupta. "Improving Aging Performance of Electro-deposited Copper Coatings during Pool Boiling." Proceedings of the ICNMM 2018. Ed. NA. Dubrovnik, Croatia: n.p..

Peer Reviewed/Juried Poster Presentation:

A, Kalyanram, P, Gupta,. "Phase Transitions in Cell Membrane: An Insight on Drug Interactions and Internalization." Proceedings of the NATAS 2018. Ed. NA. Philadelphia, PA: n.p..

Peer Reviewed/Juried Poster Presentation:

A, Gupta. "Biophysical, Cytotoxicity and Cellular Uptake Studies Using Novel Fluorophores for Cancer Detection." Proceedings of the Drug Carriers in Medicine and Biology, Gordon Research Conference. Ed. NA. Mount Snow, Vermont: n.p..

External Scholarly Fellowships/National Review Committee:

9/1/2019 -

8/31/2021

American Chemical Society Petroleum Research Fund New Directions Grant
Amount: 110,000

Provisional Patent: P., Gupta, A, Valenzuela. "Novel Tri-surfactant Emulsion for oil Spill Mitigation and Drug Delivery Applications." U.S. Provisional Patent Application 62647143. 23 Mar. 2018.

Brian Landi, Professor

Journal Paper: Bucossi, Andrew R., et al. "Effects of Solution Properties on Iodine Monobromide Doping for Enhanced Carbon Nanotube Electrical Conductivity." *ACS Applied Nano Materials* 1. 5 (2018): 2088-2094. Print. *

Journal Paper: Crompton, Kyle R., et al. "Lithium-ion Cycling Performance of Multi-Walled Carbon Nanotube Electrodes and Current Collectors Coated with Nanometer Scale Al₂O₃ by Atomic Layer Deposition." *Electrochimica Acta* 292. (2018): 628-638. Print. *

Journal Paper: Leggiero, Anthony P., et al. "High Conductivity Copper-Carbon Nanotube Hybrids via Site-Specific Chemical Vapor Deposition." *ACS Applied Nano Materials* 2. 1 (2018): 118-126. Print. *

Journal Paper: Amori, A., et al. "Defects Enable Dark Exciton Photoluminescence in Single-Walled Carbon Nanotubes." *J. Phys. Chem. C* 122. (2018): 3599-3607. Print. *

Poornima Padmanabhan, Assistant Professor

Journal Paper: Padmanabhan, Poornima and Roseanna Zia. "Gravitational Collapse of Colloidal gels: Non-equilibrium Phase Separation Driven by Osmotic Pressure." *Soft Matter* 14. (2018): 3265-3287. Web. *

Reginald E Rogers, Associate Professor

Journal Paper: Litts, Benjamin S., et al. "Construction of a Carbon-Nanomaterial Based Nanocomposite Aerogel for the Removal of Organic Compounds from Water." *ACS Applied Nano Materials* 1. 8 (2018): 4127-4134. Print. *

Journal Paper: Rogers, Reginald E. and Todd E. Pagano. "Undergraduate Research at Rochester Institute of Technology: Intentional Efforts Towards an Inclusive Undergraduate Research Environment for Underrepresented Students." Summer 2018 Scholarship and Practice of Undergraduate Research. (2018): DOI: 10.18833/spur/1/4/2. Print. *

Published Conference Proceedings: Har-el, Dan, et al. "The Language of Capstone: A Translator." *Proceedings of the Capstone Design Conference*. Ed. Capstone Conference. Rochester, NY: n.p., 2018. Web. *

Published Conference Proceedings: Rogers, Reginald E. and Todd E. Pagano. "Mending the Gap: An Intentional Focus on Integrating Underrepresented Minority and Deaf/Hard-of-Hearing Students into the Research Culture." *Proceedings of the 2018 ASEE Annual Meeting & Exposition*. Ed. American Society for Engineering Education. Salt Lake City, UT: n.p., Web. «

Published Conference Proceedings: Rogers, Reginald E. "Integrating Process Safety and Ethics in Classroom Discussion through Surveys." *Proceedings of the 2018 ASEE Annual Meeting & Exposition*. Ed. American Society for Engineering Education. Salt Lake City, UT: n.p., Web. «

Invited Keynote/Presentation: Rogers, Reginald E. "Clean or Dirty Water? Utilizing Carbon Nanomaterials Towards Achieving a Global Grand Challenge." *University of Missouri Chemical Engineering Seminar Series*. University of Missouri. Columbia, MO. 27 Feb. 2018. Lecture.

Invited Keynote/Presentation: Rogers, Reginald E. "Got Clean Water? How Carbon Nanomaterials Play a Role in Achieving this Grand Challenge." *Clemson University Graduate Seminar Series*. Clemson University. Clemson, SC. 15 Mar. 2018. Lecture.

Invited Keynote/Presentation: Rogers, Reginald E. "Using Carbon Nanomaterials to Address the Grand Challenge of Clean Water for all People." 256th ACS National Meeting. American Chemical Society. Boston, MA. 20 Aug. 2018. Conference Presentation.

Invited Keynote/Presentation: Rogers, Reginald E. "Sustaining the Pipeline of Underrepresented Groups in STEM via the Classroom and Research Lab." *ACS Chicago Local Section Meeting*. American Chemical Society Chicago Section. Chicago, IL. 21 Sep. 2018. Keynote Speech.

Steven Weinstein, Professor

Journal Paper: Beachley, R., et al. "Accurate Closed-form Trajectories of Light Around a Kerr Black Hole Using Asymptotic Approximates." *Classical and Quantum Gravity* 35. (2018): 20500: 1-28. Print. £

Computer Engineering

Raymond W Ptucha, Assistant Professor

Journal Paper: Ptucha, Ray, et al. "Intelligent Character Recognition using Fully Convolutional Neural Networks." *Pattern Recognition* PR6747. (2018): 24. Print. «

Journal Paper: Sah, Shagan, Thang Nguyen, and Ray Ptucha. "Understanding Temporal Structure for Video Captioning." *Journal of Pattern Analysis and Applications* PAAA-D-17-00571. (2018): 14. Print. «

Published Conference Proceedings: Blakes-lesse, Bryan, Andreas Savakis, and Ray Ptucha. "Faster Art-CNN: An Extremely Fast Style Transfer Network." *Proceedings of the Western NY Image & Signal Processing Workshop*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: Such, Felipe Petroski, et al. "Fully Convolutional Networks for Handwriting Recognition." *Proceedings of the International Conference on Frontiers of Handwriting Recognition*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: Jimerson, Robbie, et al. "Improving ASR Output for Endangered Language Documentation." *Proceedings of the International Workshop on Spoken Languages for Under-resources Languages*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: San-karan, Prashant, et al. "Simulation Analysis of Deep-Learning Approaches to Task Selection by Autonomous Vehicles for Material Handling." *Proceedings of the Winter Simulation Conference*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: Sah, Shagan, et al. "Semantically Invariant Text-to-Image Generation." *Proceedings of the International Conference on Image Processing*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: Sah, Shagan, et al. "Multimodal Reconstruction Using Vector Representation." *Proceedings of the International Conference on Image Processing*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: Sah, Shagan, Sabarish Gopalakrishnan, and Ray Ptucha. "Cross Modal Retrieval using Common Vector Space." *Proceedings of the Image and Vision Workshop at IEEE Computer Vision and Pattern Recognition*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: Allison, Jacob, Ray Ptucha, and Sergey Lyshevshki. "Resilient Communication, Object Classification and Data Fusion in Unmanned Aerial Systems." *Proceedings of the International Conference on Unmanned /aircraft Systems (ICUAS)*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: Tornblad, McKenna, et al. "Sensing and Learning Human Annotators Engaged in Narrative Sensemaking." *Proceedings of the Student Research Workshop at NAACL*. Ed. IEEE. New York, NY: n.p., Web. «

Published Conference Proceedings: Dominguez, Miguel, et al. "General-Purpose Deep Point Cloud Feature Extractor." *Proceedings of the Winter Conference on Applications of Computer Vision*. Ed. IEEE. New York, NY: n.p., Web. «

Invited Keynote/Presentation: Ptucha, Ray. "Deep Learning Fundamentals." Tutorial at *International Conference on Frontiers of Handwriting Recognition*. IEEE. Niagara Falls, NY. 1 Aug. 2018. Keynote Speech. Δ

Invited Keynote/Presentation: Ptucha, Ray. "Introduction to Deep Learning for Facial Analysis." Tutorial at *Automatic Face and Gesture Recognition Conference*. IEEE. Xi'an, China. 21 May 2018. Keynote Speech. Δ

Invited Keynote/Presentation: Ptucha, Ray. "Fundamentals of Deep Learning." Tutorial at Electronic Imaging. SPIE. San Francisco, CA. 21 Jan. 2018. Guest Lecture. Δ

Invited Keynote/Presentation: Ptucha, Ray. "Graph Convolutional Neural Networks." NASA Goddard Workshop on Artificial Intelligence. NASA. Baltimore, MD. 28 Nov. 2018. Guest Lecture. Δ

Electrical and Microelectronic Engineering

Mark A Indovina, Lecturer

Journal Paper: Ganguly, Amlan, et al. "The Advances, Challenges and Future Possibilities of Millimeter-Wave Chip-to-Chip Interconnections for Multi-Chip Systems." *Journal of Low Power Electronics and Applications* 8. 1 (2018): 1-36. Web. *

Published Conference Proceedings: Shinde, Tanmay, et al. "A 0.24pJ/Bit, 16Gbps OOK Transmitter Circuit in 45-nm CMOS for Inter and Intra-Chip Wireless Interconnects." *Proceedings of the GLSVLSI '18, Chicago, IL, USA*. Ed. *Proceedings of the 2018 on Great Lakes Symposium on VLSI*. NY, NY: ACM, 2018. Print. *

Santosh Kurinec, Professor

Full Length Book: Kurinec, Santosh K. *Emerging Photovoltaic Materials: Silicon & Beyond*. Hoboken, NJ: Scrivener Publishing WILEY, 2018. Print.

E Lyshevski, Professor

Published Conference Proceedings: Lyshevski, J. A. Allison, R. Ptucha and S. E. "Resilient Communication, Object Classification and Data Fusion in Unmanned Aerial Systems." *Proceedings of the IEEE Conf. Unmanned Aerial Systems*. Ed. IEEE. IEEE, NJ: IEEE, 2018. Print.

Published Conference Proceedings: Lyshevski, S. E. "Multi-agent Coordination and Control for Aerial Systems." *Proceedings of the IEEE Proc. Conf. Unmanned Aerial Systems*. Ed. IEEE. NJ, NJ: IEEE, 2018. Print. *

Published Conference Proceedings: Lyshevski, I. Puchades, P. P. Markopoulos, B. J. Landi and S. E. "Planar Carbon Nanotube Antennas and Data-centric Secure Communication." *Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnology*. Ed. IEEE. NJ, NJ: IEEE, 2018. Print. *

Published Conference Proceedings: Lyshevski, S. E. "Distributed Processing and Data Fusion in Dynamic Systems with Microsystem Sensor Networks." *Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnology*. Ed. IEEE. NJ, NJ: IEEE, 2018. Print. *

Published Conference Proceedings: Lyshevski, M. Hobosyan, K. S. Martirosyan and S. E. "Design and Evaluation of 3D-printed Microthrusters with Nanothermite Propellants." *Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnology*. Ed. IEEE. NJ, NJ: IEEE, 2018. Print. *

Published Conference Proceedings: Lyshevski, J. A. Allison and S. E. "Aerial Systems with Micro Sensors: Data Acquisition and Descriptive Reality in Physical and Virtual Environments." *Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnology*. Ed. IEEE. NJ, NJ: IEEE, 2018. Print. *

Published Conference Proceedings: Lyshevski, L. Herlihy and S. E. "Real-time Dynamic Data Processing and Fusion: Multi-degree-of-freedom MEMS Inertial Sensors." *Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnology*. Ed. IEEE. NJ, NJ: IEEE, 2018. Print. *

Full Length Book: Editor-in-chief, S. E. Lyshevski, . *Encyclopedia of Nanoscience and Nanotechnology*. 3rd on-line ed. Boca Raton, FL: CRC, 2018. Web. *

Industrial and Systems Engineering

Patricia A Cyr, Lecturer

Invited Keynote/Presentation: Cyr, Patricia A. "Using Multivariate Analysis Methods to Manage Change." 2018 ASQRC Quality Conference. American Society for Quality, Rochester Section. Rochester, NY. 26 Sep. 2018. Conference Presentation.

Marcos Esterman, Associate Professor

Published Conference Proceedings: Esterman, Marcos, et al. "Integrating Lean Principles for the Management of Product Development." Proceedings of the 2018 IISE Engineering Lean and Six Sigma Conference. Ed. IISE. Atlanta, GA: IISE, Web. £

Michael Kuhl, Professor

Published Conference Proceedings: Gupta, Surendra "Vinnie" K., et al. "Scholarship Programs for Vertical Transfers in Engineering and Engineering Technology." Proceedings of the 2018 ASEE Annual Conference and Exposition. Ed. Unknown. Salt Lake City, UT: American Society of Engineering Education, 2018. Web. «

Journal Paper: Moskal, Stephen, Shanchieh Jay Yang, and Michael E Kuhl. "Cyber Threat Assessments via Attack Scenario Simulation over Integrated Adversary and Network Models." Journal of Defense Modeling and Simulation 15. 1 (2018): 13-29. Print. *

Published Conference Proceedings: Li, Maojia Patrick, et al. "Simulation Analysis of a Deep Reinforcement Learning Approach for Task Selection by Autonomous Material Handling Vehicles." Proceedings of the 2018 Winter Simulation Conference. Ed. M. Rabe et al. Piscataway, NJ: IEEE, 2018. Web. *

Published Conference Proceedings: Ceresoli, Jason D. and Michael E. Kuhl. "A Simulation Framework for the Design and Analysis of Healthcare Clinics." Proceedings of the 2018 Winter Simulation Conference. Ed. M. Rabe et al. Piscataway, NJ: IEEE, 2018. Web. *

Published Conference Proceedings: Pai, Pradeep G. and Michael E. Kuhl. "An Adaptive Approach for Efficient Hospital Supply Chain System Management." Proceedings of the 2018 Institute of Industrial and Systems Engineers Annual Conference. Ed. K. Barker, D. Berry, and C. Rainwater. Norcross, GA: Institute of Industrial and Systems Engineers, 2018. Web. *

Published Conference Proceedings: Stolze, David, et al. "Feature Engineering of Time-Series Data to Extract Discriminative Features." Proceedings of the 2018 Institute of Industrial and Systems Engineers Annual Conference. Ed. K. Barker, D. Berry, and C. Rainwater. Norcross, GA: Institute of Industrial and Systems Engineers, 2018. Web. *

Published Conference Proceedings: Moskal, Stephen, Shanchieh Jay Yang, and Michael E. Kuhl. "Extracting and Evaluating Similar and Unique Cyber Attack Strategies from Intrusion Alerts." Proceedings of the 2018 IEEE International Conference on Intelligence and Security Informatics (ISI). Ed. Unknown. Piscataway, NJ: IEEE, 2018. Web. *

Katie T McConky, Assistant Professor

Journal Paper: Okutan, Ahmet, et al. "Forecasting Cyberattacks with Incomplete, Imbalanced, and Insignificant Data." Cybersecurity 1. 15 (2018): 1-16. Web. *

Published Conference Proceedings: Werner, Gordon, Shanchieh Jay Yang, and Katie McConky. "Leveraging Intra-Day Variations to Predict Daily Cyberattack Activity." Proceedings of the 2018 IEEE International Conference on Intelligence and Security Informatics (ISI). Ed. Nitesh Saxena and Ponnurangam Kumaraguru. Miami, Florida: IEEE, 2018. Web. *

Published Conference Proceedings: Werner, Gordon, et al. "Forecasting Cyberattacks as Time Series with Different Aggregation Granularity." Proceedings of the 2018 IEEE International Symposium on Technologies for Homeland Security (HST). Ed. Unknown. Woburn, Massachusetts: IEEE, 2018. Web. *

Published Conference Proceedings: Stolze, David, Katie McConky, and Shanchieh Jay Yang. "Automated Feature Engineering of Time-Series Data to Improve Classifier Performance." Proceedings of the 2018 Industrial and Systems Engineering Conference. Ed. K Barker, D Berry, and Chase Rainwater. Orlando, Florida: IISE, 2018. Web. «

Invited Keynote/Presentation: Chen, Roger, et al. "A Queuing Analysis of Operational Inefficiency in Public PEV Charging Stations." Transportation Research Board 97th Annual Meeting. Transportation Research Board. Washington DC, DC. 7 Jan. 2018. Conference Presentation. «

Invited Keynote/Presentation: Bliss, Erika, Katie McConky, and Jay Yang. "Analyzing Temporal Patterns in Topics for Phishing Emails." IISE Annual Conference. IISE. Orlando, FL. 15 May 2018. Conference Presentation. «

Ehsan Rashedi, Assistant Professor

Journal Paper: Esfahani, Mohammad Iman Mokhlespour, et al. "Sharif-Human movement instrumentation system (SHARIF-HMIS): Development and validation." Medical Engineering & Physics 61. (2018): 87-94. Print. «

Journal Paper: Kim, Sunwook, et al. "Assessing the influence of a passive, upper extremity exoskeletal vest for tasks requiring arm elevation: Part I – “Expected” effects on discomfort, shoulder muscle activity, and work task performance." Applied Ergonomics 70. (2018): 315-322. Print. «

Journal Paper: Kim, Sunwook, et al. "Assessing the influence of a passive, upper extremity exoskeletal vest for tasks requiring arm elevation: Part II – “Unexpected” effects on shoulder motion, balance, and spine loading." Applied Ergonomics 70. (2018): 323-330. Print. «

Journal Paper: Soangra, Rahul, Hema Bhatt, and Ehsan Rashedi. "Effects of load carriage and surface inclination on linear and non-linear postural variability." Safety Science 110. (2018): 427-437. Print. «

Journal Paper: Ehsani, Hossein, et al. "The influence of mechanical vibration on local and central balance control." Journal of Biomechanics 71. (2018): 59-66. Print. «

Published Conference Proceedings: Katawala, Kavish, et al. "Effects of Slip and Trip on Low Back and the Resulting Lumbar Muscle Activity, Low Back Loads." Proceedings of the Institute of Industrial Engineering Annual Conference and Expo. Ed. IISE. Orlando, FL: n.p., Web. *

Published Conference Proceedings: Luster, Maya, Rahul Soangra, and Ehsan Rashedi. "Effect of Back Fatigue on Gait and Propensity of Slip." Proceedings of the Institute of Industrial Engineering Annual Conference and Expo. Ed. IISE. Orlando, FL: n.p., Web. *

Published Conference Proceedings: Shaik, Abdul and Ehsan Rashedi. "Effects of Exertion Variability on the FDI Muscle Fatigue during Intermittent Contractions." Proceedings of the Institute of Industrial Engineering Annual Conference and Expo. Ed. IISE. Orlando, FL: n.p., Web. *

Published Conference Proceedings: Jadeja, Sid and Ehsan Rashedi. "Influence of Cognitive Loads on Fatigue Development and Recovery." Proceedings of the Institute of Industrial Engineering Annual Conference and Expo. Ed. IISE. Orlando, FL: n.p., Web. *

Iris Rivero, Professor

Journal Paper: Ramesh, Srikanthan, et al. "Fabrication and Evaluation of Poly(lactic acid), Chitosan, and Tricalcium Phosphate Biocomposites for Guided Bone Regeneration." *Journal of Applied Polymer Science* 135. 39 (2018): 46692. Print. £

Journal Paper: Tran, P.L., et al. "Cryomilled Zinc Sulfide is an Effective Antibacterial Agent for Burn Wound Healing." *Journal of Biomaterials Applications* 33. 1 (2018): 82-93. Print. £

Brian Thorn, Professor

Journal Paper: Tornese, Fabiana, et al. "Investigating the Environmental and Economic Impact of Loading Conditions and Repositioning Strategies for Pallet Pooling Providers." *Journal of Cleaner Production* 172. (2018): 155-168. Print. *

Book Chapter: Gnoni, Maria Grazia, et al. "A Measurement Tool for Circular Economy Practices: a Case Study in Pallet Supply Chains." *Progress in Material Handling Research*. Ed. E. Ballot, et al. Savannah, Georgia: Digital Commons at Georgia Southern, 2018. 12. Web. £

Book Chapter: Tornese, Fabiana, et al. "Improving the Environmental Sustainability of Pallet Logistics Through Preemptive Remanufacturing: an Integer Linear Optimization Model." *Progress in Material Handling Research*. Ed. E. Ballot, et al. Savannah, Ga: Digital Commons at Georgia Southern, 2018. 2. Web. £

Mechanical Engineering

Margaret Bailey, Professor

Full Length Book: Moran, Michael, et al. *Fundamentals of Engineering Thermodynamics*. 9 ed. Hoboken, NJ: John Wiley & Sons, Inc., 2018. Print. ~

Full Length Book: Moran, Michael, et al. *Fundamentals of Engineering Thermodynamics*. 9 ed. Hoboken, NJ: John Wiley & Sons, Inc., 2018. Web. ~

Stephen Boedo, Professor

Journal Paper: Booker, J.F. and S. Boedo. "Nodal Unsteady Inverse EHL: Axisymmetric Normal Approach." *ASME Journal of Tribology* 140. (2018): 41501. Print. *

Journal Paper: Boedo, S. and J.F. Booker. "Erratum: Warner-Sommerfeld Impedance and Mobility Maps." *ASME Journal of Tribology* 140. (2018): 17001. Print. *

Journal Editor: Boedo, S., ed. *ASME Journal of Tribology*. New York: American Society of Mechanical Engineers, 2018. Print. *

Journal Paper: Boedo, S. and J.F. Booker. "Discussion of "A General Model for Liquid and Gas Lubrication, Including Cavitation" by N. Brunetiere." *ASME Journal of Tribology* 140. (2018): 55501. Print. *

Journal Paper: Booker, J.F. and S. Boedo. "Closure of the Paper "Nodal Unsteady Inverse EHL: Axisymmetric Normal Approach,"." *ASME Journal of Tribology* 140. (2018): 66001. Print. *

Alfonso Fuentes Aznar, Associate Professor

Journal Paper: Gonzalez-Perez, Ignacio, Miguel Martinez-Diaz, and Alfonso Fuentes-Aznar. "Compensacion de los Errores de Alineacion Provocados por las Deflexiones de los Ejes en Transmisiones de Engranajes Conicos Espirales Diseñadas con Distintos Tipos de Huella de Contacto." *Revista Iberoamericana de Ingenieria Mecanica* 22. 2 (2018): 102-119. Print. «

Journal Paper: Fuentes-Aznar, Alfonso and Ignacio Gonzalez-Perez. "Gear Tooth Strength Analysis of High Pressure Angle Cylindrical Gears." *Gear Solutions*. June (2018): 30-38. Print. Δ

Journal Paper: Fuentes-Aznar, Alfonso and Ignacio Gonzalez-Perez. "Resistenza di Ingranaggi Cilindrici con Elevato Angolo di Pressione." *Organi di Trasmissione*. Luglio (2018): 24-31. Print. Δ

Published Conference Proceedings: Gonzalez-Perez, Ignacio, Miguel Martinez-Diaz, and Alfonso Fuentes-Aznar. "Compensacion de los Errores de Alineacion Provocados por las Deflexiones de los Ejes con Transmisiones de Engranajes Conicos Espirales Disenadas con Distintos Tipos de Huella de Contacto." Proceedings of the XXII Congreso Nacional de Ingenieria Mecanica. Ed. Jose I. Pedrero. Madrid, Spain: Asociacion Espanola de Ingenieria Mecanica, 2018. Print. *

Journal Paper: Fuentes-Aznar, Alfonso, Ramon Ruiz-Orzaez, and Ignacio Gonzalez-Perez. "Computational Approach to Design Face-Milled Spiral Bevel Gear Drives with Favorable Conditions of Meshing and Contact." *Meccanica* 53. 10 (2018): 2669-2686. Print. *

Journal Paper: Fuentes-Aznar, Alfonso, Eloy Yague-Martinez, and Ignacio Gonzalez-Perez. "Computerized Generation and Gear Mesh Simulation of Straight Bevel Gears Manufactured by Dual Interlocking Circular Cutters." *Mechanism and Machine Theory* 122. (2018): 160-176. Print. *

Published Conference Proceedings: Kini, Sachin, Alfonso Fuentes-Aznar, and Hany Ghoneim. "Composite Fabric Blankets for Plastic Gears." Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition (IMECE2018). Ed. N/A. Pittsburg, PA: American Society of Mechanical Engineers, 2018. Print. *

Journal Editor: Fuentes-Aznar, Alfonso, ed. *Mechanism and Machine Theory*. Amsterdam, Netherlands: Elsevier, 2018. Print. *

Journal Paper: Gonzalez-Perez, Ignacio and Alfonso Fuentes-Aznar. "Implementation of a Finite Element Model for Gear Stress Analysis Based on Tie-Surface Constraints and Its Validation Through the Hertz's Theory." *Journal of Mechanical Design* 140. (2018): (023301)1-13. Print. *

Published Conference Proceedings: Fuentes-Aznar, Alfonso and Ignacio Gonzalez-Perez. "Integrating Non-Contact Metrology in the Process of Analysis and Simulation of Gear Drives." Proceedings of the AGMA 2018 Fall Technical Meeting. Ed. N/A. Alexandria, VA: American Gear Manufacturers Association, 2018. Print. *

Hany Ghoneim, Professor

Published Conference Proceedings: Kini, S., A. F. Aznar, and H. Ghoneim. "Composite Fabric Blankets for Plastic Gears." Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition IMECE2018. Ed. Olesay I. Zupanska. Pittsburg, PA: n.p., 2018. Print. «

Amitabha Ghosh, Professor

Published Conference Proceedings: Ghosh, Amitabha. "Motivation Building Strategies of Mathematics Instruction for Undergraduate Students in Mechanical Engineering." Proceedings of the 2018 ASEE Annual Conference & Exposition, June 24 - 27, 2018, Salt Lake City, Utah. Ed. ASEE. Salt Lake City, UT: ASEE, Print. *

Surendra Gupta, Professor

Journal Paper: Lutondo, S., et al. "Surface Modification of Polyethersulphone (PES) with Ozone." *Ozone: Science & Engineering*. (2018): ISSN: 0191-9512. Web. £

Published Conference Proceedings: Gupta, S. K., et al. "Scholarship Programs for Vertical Transfers in Engineering and Engineering Technology." Proceedings of the 2018 ASEE Annual Conference, June 24-27, 2018, Salt Lake City, UT. Ed. ASEE. Salt Lake City, UT: ASEE, Web. «

Journal Paper: Omar, O., et al. "Reaction of Ozone with Polybenzimidazole (PBI)." *Ozone: Science & Engineering* 40. 5 (2018): 7 pages. Web. £

Journal Paper: Li, X., et al. "Surface Modification of Polystyrene with O Atoms Produced Downstream from an Ar/O₂ Microwave Plasma." *Technologies* 2018 6. 21 (2018): 8 pages. Web. £

Edward C Hensel Jr., Professor

Peer Reviewed/Juried Poster Presentation:

Lee, Y. O., et al. "Identifying E-cigarette Person and Session Types Using Real-World Puff Topography." *Proceedings of the SRNT 2018 Annual Meeting*. Ed. SRNT. Baltimore, MD: SRNT. *

Peer Reviewed/Juried Poster Presentation:

Hensel, E. C., et al. "Analyzing Behavior of e-cig Users in Their Natural Environment Using Continuous Real-Time Plots of Aerosol Consumption." *Proceedings of the SRNT 2018 Annual Meeting*. Ed. SRNT. Baltimore, MD: SRNT. *

Peer Reviewed/Juried Poster Presentation:

Robinson, R. J., et al. "Effect of e-liquid Product Characteristics on Topography Behavior of e-cig Users in a 2-week Natural Environment Switching Study." *Proceedings of the SRNT 2018 Annual Meeting*. Ed. SRNT. Baltimore, MD: SRNT. *

Peer Reviewed/Juried Poster Presentation:

Eddingsaas, N. C., et al. "Effect of Hookah Hose Dimensions and Material on TPM, Nicotine, and Aldehydes." *Proceedings of the 2018 Tobacco Regulatory Science Meeting*. Ed. NIH. Bethesda, MD: NIH. *

Peer Reviewed/Juried Poster Presentation:

Robinson, R. J., et al. "Family of Topography Monitors for Natural Environment Observation Studies of Tobacco Product Use." *Proceedings of the 2018 Tobacco Regulatory Science Meeting*. Ed. NIH. Bethesda, MD: NIH. *

Peer Reviewed/Juried Poster Presentation:

Hensel, E. C., et al. "Hookah and Dual-Use Behavior in the Natural Environment." *Proceedings of the 2018 Tobacco Regulatory Science Meeting*. Ed. NIH. Bethesda, MD: NIH. *

Journal Paper: Eddingsaas, N.C., et al. "Qualitative Analysis of e-liquid Emissions as a Function of Flavor Additives Using Two Aerosol Capture Methods." *International Journal of Environmental Research and Public Health* 15. 2 (2018): 1-14. Print. *

Journal Paper: Robinson, R. J., et al. "Effect of e-liquid Flavor on Topography and Consumption Behavior in a 2-week Natural Environment Switching Study." *Public Library of Science, PLoS ONE* 13. 4 (2018): 1-17. Web. *

Peer Reviewed/Juried Poster Presentation:

Jayasekera, S., E. C. Hensel, and R. J. Robinson. "Feasibility Assessment of Simultaneous Puff and Chest Belt Monitoring to Better Understand Tobacco Product Inhalation Patterns." *Proceedings of the 2018 BMES Annual Meeting*. Ed. BMES. Atlanta, GA: BMES. *

Journal Paper: O.Lee, Y., et al. "Latent Class Analysis of E-cigarette Use Sessions in Their Natural Environments." *Nicotine & Tobacco Research*. (2018): 1-8. Print. *

Journal Paper: Hensel, E. C., S. Jayasekera, and R. J. Robinson. "Accounting for Effects of System Dynamics to Improve Accuracy of Emissions Reported in E-cig Vaping Machines." *Inhalation Toxicology*. (2018): 1-11. Print. *

Journal Paper: Robinson, R. J., et al. "A Framework to Investigate the Impact of Topography and Product Characteristics on Electronic Cigarette Emissions." *Public Library of Science, PLoS ONE* 13. 11 (2018): 1-19. Web. *

Patricia Iglesias Victoria, Associate Professor

Journal Paper: Kudtarkar, K., et al. "Effects of Chemical Composition on the Electromechanical Properties of Polymer Ionic-liquid Gel Beads." *J. Fluids Eng* 140. 10 (2018): 101103-1-6. Web. «

Journal Paper: Matczak, L, et al. "Effect of Cation Nature on the Lubricating and Physicochemical Properties of Three Ionic Liquids." *Tribology International* 124. (2018): 23-33. Web. *

Journal Paper: Tock, A, et al. "Tribological Performance of Textured Surfaces Created by Modulation Assisted Machining." ASME Journal of Tribology 140. 6 (2018): 061704-1-8. Web. *

Journal Paper: Metha, P., et al. "Effect of Textured Surfaces Created by Modulation Assisted Machining on the Stribeck Curve and Wear Properties of Steel-aluminum Contact." Int. J. Adv. Manufacturing Technol 99. 1-4 (2018): 399-409. Web. «

Journal Paper: Schertzer, M. and P. Iglesias. "Meta-Analysis Comparing Wettability Parameters and the Effect of Wettability on Friction Coefficient in Lubrication." Lubricants 6. 70 (2018): N/A. Web. *

Journal Paper: Patel, A., H. Guo, and P. Iglesias. "Study of the Lubricating Ability of Protic Ionic Liquid on an Aluminum-Steel Contact." Lubricants 6. 70 (2018): N/A. Web. *

Journal Paper: Kudtarkar, K., et al. "Effect of Metallization on the Electromechanical Properties of Microfluidically Synthesized Hydrogel Beads." J. Fluids Eng 141. 3 (2018): 031303-1-6. Web. *

Published Conference Proceedings: Ferri, Chris, et al. "Ionic Liquids as Additives to Cutting Fluids to Reduce Machine tool Friction and Wear." Proceedings of the ASME 2018 International Mechanical Engineering Conference and Exposition. Ed. ASME. Pittsburgh, PA: n.p., Web. *

Published Conference Proceedings: Guo, H., et al. "The Effects of Single-Walled Carbon Nanotubes and Ionic Liquids in reduction of Friction and Wear." Proceedings of the ASME 2018 International Mechanical Engineering Conference and Exposition. Ed. ASME. Pittsburgh, PA: n.p., 2018. Web. *

Published Conference Proceedings: Gutierrez, M. A., et al. "Effect of Carbon Nanotube-Phosphate Ionic Liquid Thin Boundary Layer on the Tribological Behavior of Aluminum Alloy in Steel-on-Aluminum contact." Proceedings of the ASME 2018 International Mechanical Engineering Conference and Exposition. Ed. ASME. Pittsburgh, PA: n.p., 2018. Web. *

Published Conference Proceedings: Magar, S., H. Guo, and P. Iglesias. "Estimation of Energy Conservation in Internal Combustion Engine Vehicles using Ionic Liquids as Additive." Proceedings of the ASME 2018 International Mechanical Engineering Conference and Exposition. Ed. ASME. Pittsburgh, PA: n.p., 2018. Web. *

Satish Kandlikar, Professor

Journal Paper: Perez-Raya, I. and S.G. Kandlikar. "Discretization and Implementation of a Sharp Interface Model for Interfacial Heat and Mass Transfer During Bubble Growth." Int. J. Heat Mass Transf. 116 (2018): 30-49. Web. *

Journal Paper: Wong, P., K.S.V. Santhanam, and S.G. Kandlikar. "Cobalt Deposition in Graphene Quantum Dot Bath: Electrochemical and Spectroscopic Features: A Prospective Sensor Material." Journal of The Electrochemical Society 165. 5 (2018): B232-B239. Print. *

Journal Paper: Perez-Raya, I and S.G. Kandlikar. "Discretization and Implementation of a Sharp Interface Model for Interfacial Heat and Mass Transfer During Bubble Growth." International Journal of Heat and Mass Transfer. (2018): 30-49. Print. *

Journal Paper: Recinella, A. and S.G. Kandlikar. "Enhanced Flow Boiling Using Radial Open Microchannels With Manifold and Offset Strip Fins." Journal of Heat Transfer 140. 2 (2018): 21502. Print. *

Journal Paper: Jaikumar, A., T.S. Emery, and S.G. Kandlikar. "Interplay Between Developing Flow Length and Bubble Departure Diameter During Macroconvection Enhanced Pool Boiling." Applied Physics Letters 112. 7 (2018): 71603. Print. *

Journal Paper: Emery, T.S., P.A. Raghupathi, and S.G. Kandlikar. "Flow Regimes and Transition Criteria during Passage of Bubbles through a Liquid-Liquid Interface." Langmuir 34. 23 (2018): 6766-6776. Web. *

Journal Paper: Bulut, M., S.G. Kandlikar, and N. Sozbir. "A Review of Vapor Chambers." Heat Transfer Engineering. (2018): 1-23. Web. *

Journal Paper: Rishi, A.M., A. Gupta, and S.G. Kandlikar. "Improving Aging Performance of Electrodeposited Copper Coatings During Pool Boiling." Applied Thermal Engineering. (2018): 406-414. Print. *

Journal Paper: Emery, T.S., et al. "Dual Enhancement in HTC and CHF for External Tubular Pool Boiling—A Mechanistic Perspective and Future Directions." International Journal of Heat and Mass Transfer. (2018): 1053-1073. Print. *

Journal Paper: Gupta, A., et al. "A Multiscale Morphological Insight into Graphene Based Coatings for Pool Boiling Applications." Heat Transfer Engineering 39. 15 (2018): 1331-1343. Print. *

Journal Paper: Gonzalez-Hernandez, J.L., et al. "Generation and Thermal Simulation of a Digital Model of the Female Breast in Prone Position." ASME J of Medical Diagnostics 1. 4 (2018): 41006. Web. *

Journal Paper: Emery, T.S., P.A. Raghupathi, and S.G. Kandlikar. "Bubble Growth Inside an Evaporating Liquid Droplet Introduced in an Immiscible Superheated Liquid." International Journal of Heat and Mass Transfer 127. Part C (2018): 313-321. Print. *

Journal Paper: Hayes, A., et al. "Regulating Flow of Vapor to Enhance Pool Boiling." Applied Thermal Engineering 149. (2018): 1044-1051. Web. *

Journal Paper: Chauhan, A. and S.G. Kandlikar. "Characterization of a Dual Taper Thermosiphon Loop for CPU Cooling in Data Centers." Appl. Therm. Eng. 146. (2018): 450-458. Print. *

Published Conference Proceedings: Perez-Raya, I. and S.G. Kandlikar. "A Volume of Fluid Based Model for the Simulation of Bubble Growth Over a Heated Surface." Proceedings of the ASME 2018 16th International Conference on Nanochannels, Microchannels, and Microchannels. Ed. -. Dubrovnik, Croatia: n.p., 2018. Web. *

Published Conference Proceedings: Rishi, A.M., A. Gupta, and S.G. Kandlikar. "Improving Liquid Supply Pathways on Graphene Oxide Coated Surfaces for Enhanced Pool Boiling Heat Transfer Performance." Proceedings of the , ASME 2018 16th International Conference on Nanochannels, Microchannels, and Microchannels. Ed. -. Dubrovnik, Croatia: n.p., 2018. Web. *

Published Conference Proceedings: Perez-Raya, I. and S.G. Kandlikar. "Simulation of Bubble Growth Over a Heated Surface with Interfacial Temperature Gradients and Sharp Interface." Proceedings of the ASME International Mechanical Engineering Congress & Exposition (IMECE). Ed. -. Pittsburgh, PA: n.p., 2018. Web. *

Invited Keynote/Presentation: Kandlikar, S.G. "New Understanding of the Heat Transfer Mechanisms During Pool and Flow Boiling and its Application in Boiling Enhancement – An innovation Driven Approach." Graduate Seminar. University of California, Irvine. Irvine, CA. 2 Mar. 2018. Guest Lecture.

Invited Keynote/Presentation: Kandlikar, S.G. "Heat Transfer Mechanisms During Pool and Flow Boiling and its Application in Boiling Enhancement – An Innovation Driven Approach." Graduate Seminar. Darmstadt University. Darmstadt, Germany. 7 Jun. 2018. Guest Lecture.

Invited Keynote/Presentation: Kandlikar, S.G. "Current Status of Flow Boiling Heat Transfer." PhD Defence. Trondheim University. Trondheim, Norway. 3 Sep. 2018. Guest Lecture.

Full Patent: Kandlikar, S.G.. "Heat Transfer System and Method Incorporating Tapered Flow Field." U.S. Patent 16/018,927. 2018.

Kathleen Lamkin-Kennard, Associate Professor

Journal Paper: Jung, John, et al. "Isolating the Influences of Fluid Dynamics on Selectin-Mediated Particle Rolling at Venular Junctional regions." *Microvascular Research* 118. (2018): 144-154. Print. «

Journal Paper: Corbaci, Mert, Wayne Walter, and Kathleen A. Lamkin-Kennard. "Implementation of Soft-Lithography Techniques for Fabrication of Bio-Inspired Multi-Layer Dielectric Elastomer Actuators with Interdigitated Mechanically Compliant Electrodes." *Actuators* 7. 4 (2018): 73. Web. *

Kate N Leipold, Senior Lecturer

Published Conference Proceedings: Leipold, Kate and Sarilyn Ivancic. "Efforts to Improve Free Body Diagrams." *Proceedings of the 2018 ASEE Annual Conference & Exposition*. Ed. ASEE. Salt Lake City, Ut: ASEE, 2018. Web. *

Risa Robinson, Professor

Journal Paper: Robinson, R. J., et al. "A Theoretical Framework to Investigate the Impact of Topography and Product Characteristics on Electronic Cigarette Emissions." *PLoS ONE* 13. 11 (2018): 206341. Web. *

Journal Paper: Hensel, E.C., S. Jayasekera, and R. J. Robinson. "Accounting for Effects of System Dynamics to Improve Accuracy of Emissions Reported in E-cig Vaping Machines." *Inhalation Toxicology*. (2018): 1-11. Web. *

Journal Paper: Lee, Youn Ok, et al. "Latent Class Analysis of E-cigarette Use Sessions in Their Natural Environments." *Nicotine & Tobacco Research*. (2018): -. Web. *

Journal Paper: Robinson, R.J., et al. "Effect of e-liquid Flavor on Electronic Cigarette Topography and Consumption Behavior in a 2-week Natural Environment Switching Study." *PLOS*. (2018): -. Web. *

Journal Paper: Eddingsaas, N. C., et al. "Qualitative Analysis of e-liquid Emissions as a Function of Flavor Additives Using Two Aerosol Capture Methods." *Int J Environ Res Public Health* 15. 2 (2018): 323. Web. *

Journal Paper: Sul, B., et al. "Assessing Airflow Sensitivity to Healthy and Diseased Lung Conditions in a Computational Fluid Dynamics Model Validated In Vitro." *Journal of Biomechanical Engineering* 140. 5 (2018): 051009-051009-14. Web. *

Peer Reviewed/Juried Poster Presentation: Jayasekera, Shehan, Edward Hensel, Jr., and Risa J Robinson. "Feasibility Assessment of Simultaneous Puff and Chest Belt Monitoring to Better Understand Tobacco Product Inhalation Patterns." *Proceedings of the 2018 BMES Annual Meeting, October 17-20, 2018, Atlanta, Georgia*. Ed. -. Atlanta, GA: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Hensel, E.C., et al. "Hookah and Dual-Use Behavior in the Natural Environment." *Proceedings of the 2018 Tobacco Regulatory Science Meeting, Baltimore, MD, June, 2018*. Ed. -. Baltimore, MD: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Robinson, R.J., et al. "Design of the wPUM™ Family of Topography Monitors for Natural Environment Observation Studies of Tobacco Product Use." *Proceedings of the 2018 Tobacco Regulatory Science Meeting, Baltimore, MD, June, 2018*. Ed. -. Baltimore, MD: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Eddingsaas, N.C., et al. "Effect of Hookah Hose Dimensions and Material on TPM, Nicotine, and Aldehydes." *Proceedings of the 2018 Tobacco Regulatory Science Meeting, Baltimore, MD, June, 2018*. Ed. -. Baltimore, MD: n.p.. ~

Invited Keynote/Presentation: Robinson, R. J. "Understanding the Quantitative Relationship

Between E-cigarette Use Behavior and Exposure." "Updates and Controversies Related to Inhaled Aerosols". International Society for Aerosols in Medicine, 2018 Symposium. San Diego, CA. 18 May 2018. Guest Lecture.

Peer Reviewed/Juried Poster Presentation:

Robinson, R. J., et al. "Effect of e-liquid Product Characteristics on Topography Behavior of e-cig Users in a 2-week Natural Environment Switching Study." Proceedings of the SRNT 2018 Annual Meeting, Baltimore, MD, Feb 21-24, 2018. Ed. -. Baltimore, MD: n.p.. ~

Peer Reviewed/Juried Poster Presentation:

Lee, Y.O., et al. "Identifying E-cigarette Person and Session Types Using Real-World Puff Topography." Proceedings of the SRNT 2018 Annual Meeting, Baltimore, MD, Feb 21-24, 2018. Ed. -. Baltimore, MD: n.p.. ~

Peer Reviewed/Juried Poster Presentation:

Hensel, E.C., et al. "Analyzing Behavior of e-cig Users in Their Natural Environment Using Continuous Real-Time Plots of Aerosol Consumption." Proceedings of the 2018 SRNT Annual Meeting, Baltimore, MD, Feb 21-24, 2018. Ed. -. Baltimore, MD: n.p.. ~

Michael J Schertzer, Assistant Professor

Journal Paper: Bernetski, Kimberly A., et al. "Characterization of Electrowetting, Contact Angle Hysteresis, and Adhesion on Digital Microfluidic Devices with Inkjet-printed Electrodes." Microfluidics and Nanofluidics 22. 96 (2018): <https://doi.org/10.1007/s10404-018-2119-4>. Print. *

Journal Paper: Schertzer, Michael J. and Patricia Iglesias. "Meta-Analysis Comparing Wettability Parameters and the Effect of Wettability on Friction Coefficient in Lubrication." Lubricants 6. 3 (2018): 1-10. Web. *

Journal Paper: Kudtarkar, Kaushik, et al. "Effect of Metallization on the Electromechanical Prop-

erties of Microfluidically Synthesized Hydrogel Beads." ASME Journal of Fluids Engineering 141. 3 (2018): 1-6. Print. *

Journal Paper: Matczak, Lea, et al. "Effect of Cation Nature on the Lubricating and Physicochemical Properties of Three Ionic Liquids." Tribology International 124. (2018): 23-33. Print. *

Journal Paper: Kudtarkar, Kaushik, et al. "Effects of Chemical Composition on the Electro-mechanical Properties of Microfluidically Synthesized Hydrogel Beads." ASME Journal of Fluids Engineering 140. 10 (2018): 1-6. Print. *

Published Conference Proceedings: Li, Xi, Kara L. Maki, and Michael J. Schertzer. "Preliminary Investigation of the Effect Of Dielectrophoresis on Colloidal Transport and Deposition in Evaporating Droplets." Proceedings of the ASME International Mechanical Engineering Conference & Exposition. Ed. ASME. Pittsburgh, PA: n.p., 2018. Web. *

P Venkataraman, Associate Professor

Published Conference Proceedings: Venkataraman, P. "DETC2018-85103, Data Clustering Using the Natural Bezier Functions." Proceedings of the 38th Computers and Information in Engineering. Ed. ASME. Quebec City, Canada: ASME, 2018. Print. «

National Technical Institute for the Deaf

American Sign Language and Interpreting Education

Robyn D Dean, Assistant Professor

Journal Paper: Dean, Robyn K. "Over the Tipping Point: Using the Diagnostic Discourse of Standardized Patients to Educate Medical Interpreters." *Bakhtiniana. Revista de Estudos do Discurso*. (2018): 171 - 191. Web. *

Invited Keynote/Presentation: Dean, Robyn K. "Research: Not Just for Ivory Tower Dwellers." Monterey Institute. Middlebury Institute at Monterey. Monterey, CA. 10 Feb. 2018. Guest Lecture.

Invited Keynote/Presentation: DEAN, Robyn K. "Demand Control Schema Discussion for Deaf Interpreters." Alabama Department of Mental Health. Alabama Department of Mental Health. Montgomery, AL. 3 Aug. 2018. Guest Lecture.

Invited Keynote/Presentation: Dean, Robyn K. "Demand Control Schema & Professional Supervision: Application & Practice." Long Island Registry of Interpreters for the Deaf. Long Island Registry of Interpreters for the Deaf. Long Island, NY. 10 Aug. 2018. Guest Lecture.

Book Chapter: Dean, Robyn K. and Robert Q Pollard. "Promoting the Use of Normative Ethics in the Practice Profession of Community Interpreting." *Signed Language Interpreting in the 21st Century: An Overview of the Profession*. Ed. Len Roberson and Sherry Shaw. Washington, DC, DC: Gallaudet University Press, 2018. 37 - 64. Print. ~

Invited Keynote/Presentation: Dean, Robyn K. "PBL Approach for Community Interpreters." International Association of Problem-Based Learning and Active Learning Methodologies. International Association of Problem-Based Learning and Active Learning Methodologies. Santa Clara, CA. 5 Feb. 2018. Conference Presentation. *

Invited Keynote/Presentation: Dean, Robyn K. "The Tipping Point: Seeking Educational Efforts to Improve Legal Interpreters' Moral Sensitivity." Texas Association of Judicial Interpreters and Translators. Texas Association of Judicial Interpreters and Translators. Austin, TX. 7 Jul. 2018. Keynote Speech.

Invited Keynote/Presentation: Dean, Robyn K. "Justice Reasoning: How our Ethical Discourse Counters our Ethical Claims." Southern California Registry of Interpreters for the Deaf. Southern California Registry of Interpreters for the Deaf. San Diego, CA. 8 Feb. 2018. Guest Lecture. Δ

Grants: Dean, Robyn K., Robert Q Pollard, and Vincent Samar (2018-2018). Out of the Hot Seat, into the Hot Seat: The Cognitive Effects of a No Rest Approach to Team Interpreting. Grant received/funded by Scholarship Portfolio Development Initiative, RIT. *

Grants: Dean, Robyn K. (2017-2019). Introducing Translation and Interpreting Studies for Global Collaboration. Grant received/funded by Provost's Learning Innovations Grants, RIT. ~

Joseph C Hill, Assistant Professor

Book Chapter: Bayley, Robert, et al. "Perceptions of Black American Sign Language." *Language Regard: Methods, Variation and Change*. Ed. Betsy E Evans, Erica J Benson, and James N Stanford. Cambridge, England: Cambridge University Press, 2018. 167-182. Print. ~

Book Chapter: Kurz, Kim and Joseph Hill. "The Heart of Interpreting from Deaf Perspectives." *Deaf Eyes on Interpreting*. Ed. Thomas K Holcomb and David H Smith. Washington, DC: Gallaudet University Press, 2018. 58-76. Print. *

Kim Kurz, Associate Professor

Book Chapter: Behm, Jeanne and Kim Kurz. "Signs of change: ASL on campus." "A Shining Beacon: Fifty Years of the National Technical Institute for the Deaf." Ed. James McCarthy. Rochester, NY: RIT Press, 2018. 13-28. Print. Δ

Book Chapter: Kurz, Kim and Joseph Hill. "The Heart of Interpreting from Deaf Perspectives." "Deaf Eyes on Interpreting." Ed. Thomas Holcomb and David Smith. Washington, DC, DC: Gallaudet University Press, 2018. 58-76. Print. *

Book Chapter: Kurz, Christopher, Kim Kurz, and Raychelle Harris. "Effectively Interpreting Content Areas Utilizing Academic ASL Strategies." "Deaf Eyes on Interpreting." Ed. Thomas Holcomb and David Smith. Washington, DC, DC: Gallaudet University Press, 2018. 253-268. Print. *

Invited Keynote/Presentation: Kurz, Kim and Christopher Kurz. "Sign Language Standards: Applying it to Filipino Sign Language." Teachers and Interpreters Preparation Workshop. De La Salle – College of St. Benilde. Manila, Philippines. 10 Jan. 2018. Lecture. Δ

Published Conference Proceedings: Kurz, Kim, et al. "What is the Learning Assistant Model? Transforming Your Course into an LA Supported Course." Proceedings of the Conference of Interpreter Trainers. Ed. Robert Lee, Betsy Winston, and Christine Monikowski. Salt Lake City, Utah: n.p., 2018. Web. *

Published Conference Proceedings: Bates, Kim, Kim Kurz, and Stacey Storme. "Inter-Institutional Collaboration to Achieve Curricular Shift." Proceedings of the Conference of Interpreter Trainers. Ed. Robert Lee, Betsy Winston, and Christine Monikowski. Salt Lake City, Utah: n.p., 2018. Web. *

Invited Keynote/Presentation: Kurz, Kim. "The Heart of Interpreting from Deaf Perspective." Teachers and Interpreters Preparation Workshop. La Salle High School. Manila, Philippines. 12 Jan. 2018. Lecture. Δ

Invited Keynote/Presentation: Kurz, Christopher and Kim Kurz. "Supporting Academic Languages for Deaf Students." Teachers and Interpreters Preparation Workshop. De La Salle – College of St. Benilde. Manila, Philippines. 8 Jan. 2018. Lecture. Δ

Invited Keynote/Presentation: Kurz, Christopher and Kim Kurz. "Teaching for Biliteracy: Building Bridges Between Languages for Deaf Students." Teachers and Interpreters Preparation Workshop. De La Salle – College of St. Benilde. Manila, Philippines. 9 Jan. 2018. Lecture. Δ

Invited Keynote/Presentation: Kurz, Kim. "Interpreting in the K-12 classroom." Best Practice in Mainstream Education of Deaf and Hard-of-Hearing Students Conference. RIT/NTID. Rochester, NY. 27 Jul. 2018. Keynote Speech. Δ

Uninvited Presentations: Kurz, Kim and Corrine Occhino. "Constructed Actions in American Sign Language: A Look at Second Modality and Second Language Learners." High Desert Linguistics Society. University of New Mexico. Albuquerque, NM. 11 Nov. 2018. Conference Presentation. *

Uninvited Presentations: Maffia, Daniel, et al. "What is the learning assistant model? Transforming your course into an LA supported course." The Conference of Interpreter Trainers 2018 Biennial Conference. Conference of Interpreter Trainers. Salt Lake City, UT. 1 Nov. 2018. Conference Presentation. *

Uninvited Presentations: Bates, Kim, Kim Kurz, and Stacey Storme. "Inter-institutional collaboration to achieve curricular shift." The Conference of Interpreter Trainers 2018 Biennial Conference. Conference of Interpreter Trainers. Salt Lake City, UT. 2 Nov. 2018. Conference Presentation. *

Featured Faculty

DR. TRUSSELL'S BELIEF THAT ALL INSTRUCTORS ARE READING TEACHERS IS THE FOUNDATION FOR HER RESEARCH AGENDA INVESTIGATING EFFECTIVE CONTENT-AREA (MATH, SCIENCE, OR SOCIAL STUDIES) READING INSTRUCTIONAL STRATEGIES. HER PH.D. IN EDUCATING STUDENTS WITH EXCEPTIONALITIES FOCUSED ON READING AND WRITING INSTRUCTION FOR DEAF AND HARD OF HEARING (DHH) LEARNERS WAS AWARDED IN 2014 BY GEORGIA STATE UNIVERSITY WHERE SHE BEGAN HER RESEARCH ON THE IMPORTANCE OF TEACHING LATIN AND GREEK AFFIXES AND ROOTS TO ENHANCE CONTENT-AREA VOCABULARY INSTRUCTION. IN 2015, DR. TRUSSELL ACCEPTED AN ASSISTANT PROFESSOR POSITION AT RIT/NTID AND JOINED THE CENTER FOR EDUCATION RESEARCH PARTNERSHIPS.

Dr. Trussell is a certified teacher of the DHH with twelve years of experience teaching DHH students from age four to adulthood. She conducts her research in K-12 and NTID classrooms with DHH readers of all grade-levels and ages. At the preschool level, Dr. Trussell has developed an emergent evidence-base supporting the use of questioning during storybook reading to increase DHH preschooler's vocabulary knowledge. At the late-elementary, secondary, and post-secondary level, her research supports teaching word parts to increase older DHH reader's general, science, and social studies vocabulary knowledge. During her time at NTID/RIT, her research program has grown to include reading comprehension instructional strategies, such as prediction and summary writing. In the summer of 2019, she will continue investigating effective reading comprehension strategies for DHH readers as co-director of the Summer Transition Education Program at NTID.

Dr. Trussell's long-term goal is to inform the field of deaf education about effective vocabulary learning and reading comprehension instructional interventions to support DHH students' reading skills thereby increasing their opportunity to engage in science, technology, engineering, and math graduate studies and careers.

JESSICA W. TRUSSELL, PH.D.
ASSISTANT PROFESSOR
NATIONAL TECHNICAL INSTITUTE FOR THE DEAF

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ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Invited Keynote/Presentation: Kurz, Kim.

"Comparing direction communication and interpreted education." Indiana Deaf Educators and Educational Interpreters Conference. Indiana Deaf Educators & Educational Interpreters. Indianapolis, IN. 18 Jun. 2018. Conference Presentation. Δ

Grants: Kurz, Christopher, et al (2018-2019). All Children Reading: A Grand Challenge Grant. Grant received/funded by World Around You (LIFT-WAY), World Around You (LIFT-WAY). *

Jason D Listman, Assistant Professor

Journal Paper: Listman, Jason D., Summer Cridler Loeffler, and Rosa Lee Timm. "Deaf Musicality and Unearthing the Translation Process." Journal of American Sign Language and Literatures. (2018): 1-9. Web. ~

Journal Paper: Braun, Derek C., et al. "Welcoming Deaf Students into STEM: Recommendations for University Science Education." CBE Life Science 17. 3 (2018): 1-8. Web. *

Published Conference Proceedings: Kurz, Kim B., et al. "What is the Learning Assistant Model? Transforming Your Course into an LA-Supported Course." Proceedings of the Conference of Interpreters Trainers, 10/31/18 - 11/3/2018, Salt Lake City, Utah. Ed. Elizabeth Winston, Christine Monikowski, and Robert Lee. Fremont, CA: n.p., Web. ~

Communication Studies and Services

Catherine Clark, Associate Professor

Peer Reviewed/Juried Poster Presentation: Brown, Paula, et al. "A Model of Sustainability: Empowering A Deaf Community in Ethiopia." Proceedings of the American Speech Language and Hearing Association 2018. Ed. Paula Brown, et al. Boston, MA: n.p.. *

Linda Gottermeier, Professor

Journal Paper: Gottermeier, Linda. "Influence of Provider Remarks on Efforts to Maximize Residual Hearing in a Deaf Client." Audiology Today. September/October (2018): 66-70. Print. *

Grants: Gottermeier, Linda (2018-2018). RFP Online Learning. Grant proposal submitted to RFP Online, NTID Learning Center. ~

Grants: Gottermeier, Linda (2018-2019). Mobile Apps to Enhance Cross-cultural Communication. Grant received/funded by RIT Global Studies, RIT Global Studies.

Grants: Gottermeier, Linda (2018-2019). Bimodal Amplification (Cochlear Implant plus Hearing Aid) in an NTID Classroom. Grant proposal submitted to NTID Research, NTID.

Cultural and Creative Studies

Joseph Bochner, Professor

Full Length Book: Garrison, Wayne. Advances in Hearing Healthcare Informatics: The Measurement of Speech Recognition in an Aging Population. 1st ed. Rochester, NY: Rochester Press, 2018. Print. £

Full Length Book: Garrison, Wayne M. and Joseph H. Bochner. Advances in Hearing Healthcare Informatics: The Measurement of Speech Recognition Ability in an Aging Population. first ed. Hauppauge, NY: Nova Science Publishers, 2018. Print.

Patricia A Durr, Associate Professor

Shows/Exhibits/Installations: Durr, P. For Far Too Long. 22 Jun. 2018. 50 Years 50 Artists, Dyer Arts Center, Rochester. Exhibit. £

Shows/Exhibits/Installations: Durr, P. On ne voit bien qu'avec le cœur. 22 Jun. 2018. 50 Years 50 Artists, Dyer Arts Center, Rochester. Exhibit. £

Shows/Exhibits/Installations: Durr, P. Nameless. Sep. 2018. Artists Undeterred: Boldly Exploring Disability, Pride Center of Staten Island, Staten Island (NYC). Exhibit. £

Shows/Exhibits/Installations: Durr, P. Deaf Greens. 2 Nov. 2018. Cultivating Connections, Dyer Arts Center, Rochester. Exhibit. £

Luane Haggerty, Principal Lecturer

Uninvited Presentations: Ph.D., Luane Davis Haggerty,. "Power of the Visual, Deaf Theater." Annual Conference. Theater COmmunication Group (TCG). St. Louis, MO. 15 Jun. 2018. Poster Session. Δ

Shows/Exhibits/Installations: Ph.D., Luane Davis Haggerty,. Director. By Ray Luczak. 14-18 Dec. 2018. NTID Panara theater, Rochester. Performance.

Shows/Exhibits/Installations: Ph.D., Luane Davis Haggerty,. Director/Translator. By Alan Menken and Howard Ashman. 1-3 Dec. 2018. Geva Theater Fielding Stage, Rochester NY. Performance. ≠

Shows/Exhibits/Installations: Ph.D., Luane Davis Haggerty,. Director, translator, writer, performer. By Malik Paris and Danica Zielinski. 21 Sep. 2018. The Little Theater #5, Rochester NY. Performance. ≠

Deirdre Schlehofer, Associate Professor

Uninvited Presentations: Bempong, Jane, Deirdre Schlehofer, and Octavian Robinson. "Undocumented Voices of Deaf Women Leaders: A Historical Analysis." NTID's Student Research Fair. NTID. Rochester, NY. 13 Apr. 2018. Poster Session.

Uninvited Presentations: Schlehofer, Deirdre, Octavian Robinson, and Jane Bempong. "Gendering Deaf President Now! Women in Higher Education." RIT ASL and Deaf Studies Community Center. Department of Cultural & Creative Studies. Rochester, NY. 6 Apr. 2018. Lecture.

Uninvited Presentations: Bempong, Joan, et al. "Women, Deaf Culture and Health Literacy: Examining the Gap between Deaf and Hearing College Students." NTID's Student Research Fair. NTID. Rochester, NY. 13 Apr. 2018. Poster Session.

Engineering Studies

Dino J Laury (Lauria), Assistant Professor

Journal Editor: Laury, Dean J., ed. The Journal of Technical Studies. Bowling Green State University: Virginia Tech University Libraries, 2018. Print. *

Journal Editor: Laury, Dean J., ed. Journal of Ethical Education Leadership. Philidaphia PA: n.p., 2018. Web. *

Information and Computing Studies

Donna Lange, Associate Professor

Grants: PI, Donna Lange,, Denise Kavin, Co-PI, and Keith Mousely, Co-PI (2019-2021). DeafTEC Resource Center. Grant proposal submitted to Advanced Technological Education, National Science Foundation.

Uninvited Presentations: Barger, Marilyn and Donna Lange. "NSF's Advanced Technological Education Program: Funding Innovative Equity Initiatives at Community Colleges." National Summit for Educational Equity. National Alliance for Partnerships in Equity. Arlington, VA. 17 Apr. 2018. Conference Presentation. *

James Mallory, Professor

Invited Paper: Mallory, James R. and Edmund Lucas. "How Raspberry Pi Technology Can Enhance Students' Learning Opportunities in Technology." nyseta.org. (2018). Web. *

Joseph Stanislow, Assistant Professor

Published Conference Proceedings: Stanislow, Joseph S., Wendy A. Dannels, and Mel Chua. "Adding Visual Signals to Machine Shop Equipment: A Case Study of Deaf Gain in Engineering Education." Proceedings of the 2018 ASEE St. Lawrence Section Conference. Ed. Joseph S. Stanislow, Wendy A. Dannels, and Mel Chua. Ithaca, NY: n.p., 2018. Print. «

Published Conference Proceedings: Dannels, Wendy A., Joseph S. Stanislow, and Mel Chua. "Visual Signaling for CMM Machines: A Case Study of Deaf Gain in Manufacturing Engineering Education." Proceedings of the 25th ASEE Annual Conference & Exposition. Ed. Wendy A. Dannels, Joseph S. Stanislow, and Mel Chau. Salt Lake City, UT: n.p., 2018. Print. «

Liberal Studies

Janine M Butler, Assistant Professor

Journal Paper: Butler, Janine. "Integral Captions and Subtitles: Designing a Space for Embodied Rhetorics and Visual Access." Rhetoric Review 37. 3 (2018): 286-299. Print. *

Journal Paper: Butler, Janine. "Embodied Captions in Multimodal Pedagogies." Composition Forum 39. (2018): 0. Web. «

Published Review: Butler, Janine. "Book Review of How the Brain Processes Multimodal Technical Instructions by Dirk Remley." Rev. of How the Brain Processes Multimodal Technical Instructions, by Dirk Remley. Programmatic Perspectives 2018: 130-132. Print.

Uninvited Presentations: Butler, Janine. "What We Learn from Teaching Hearing, Hard-of-Hearing, and d/Deaf Composition Students." Conference on College Composition and Communication. Conference on College Composition and Communication. Kansas City, MO. 15 Mar. 2018. Conference Presentation. *

Uninvited Presentations: Butler, Janine. "A Sign of Digital Embodiment in Online Videos." Computers & Writing. Computers & Writing. Fairfax, VA. 26 May 2018. Conference Presentation. *

Matthew W Dye, Assistant Professor

Uninvited Presentations: Kartheise2, Geo, et al. "Cognitive Fluidity in Deaf and Hard-of-hearing College Students." Workshop on Reading, Language, and Deafness. Basque Center for Brain and Language. San Sebastian, Spain. 18 Oct. 2018. Poster Session.

Uninvited Presentations: Gleason, Ashley, Geo Kartheiser, and Matthew Dye. "The MMN as a Customized Indicator of Audiovisual Integration in CI use." RIT Undergraduate Research Symposium. RIT. Rochester, NY. 4 Aug. 2018. Poster Session.

Invited Keynote/Presentation: Dye, Matthew. "2. Linguistic and sensory contributions to cognitive development: Evidence from deaf children." Department of Psychology Colloquium. University of California Riverside. Riverside, CA. 15 May 2018. Address.

Invited Keynote/Presentation: Dye, Matthew. "Acquiring signed language redistributes attention to the inferior visual field." 2018 Annual Meeting of the American Association for the Advancement of Scienc. American Association for the Advancement of Science (AAAS). Austin, TX. 15 Feb. 2018. Conference Presentation.

Grants: Kudithipudi, Dhireesha and Matthew Dye (2018-2023). Research Traineeships in Human-Aware Artificial Intelligence for Multimodal Data (unfunded). Grant proposal submitted to National Research Traineeships, NSF. *

Grants: Dye, Matthew, et al (2018-2021). Collaborative Research: Multimethod Investigation of Articulatory and Perceptual Constraints on Natural Language Evolution. Grant received/funded by BCS Linguistics, NSF. ≠

Manuscripts Submitted for Publication: Rodger, Helen, et al. "Quantifying Facial Expression Intensity and Signal use in Deaf Signers." 2018. TS - typescript (typed). *

Manuscripts Submitted for Publication: Stoll, Chloe and Matthew Dye. "Sign language acquisition redistributes attentional resources to the inferior visual field in deaf, but not hearing, adults." 2018. TS - typescript (typed). *

Journal Paper: Pelczarski, Kristen, et al. "Delayed Phonological Encoding in Stuttering: Evidence From Eye Tracking." *Language and Speech*. (2018): <https://doi.org/10.1177/0023830918785203>. Web. *

Journal Paper: Stoll, Chloe, et al. "Face Recognition is Shaped by the use of Sign Language." *Journal of Deaf Studies and Deaf Education* 23. 1 (2018): 62-70. Print. *

Manuscripts Submitted for Publication: Dye, Matthew and Robin Thompson. "The Perception and Production of Language in the Visual Modality." 4 Sep. 2018. TS - typescript (typed). Δ

Pamela Kincheloe, Associate Professor

Manuscripts Submitted for Publication: Kincheloe, Pamela. "My Life in the Hyphen." Oct. 2018. TS - typescript (typed). *

Manuscripts Submitted for Publication: Kincheloe, Pamela. "Hollywood Signs: Representations of deaf people in Entertainment 1986-2018." Jan. 2018. TS - typescript (typed). *

External Scholarly Fellowships/National Review Committee:

1/0/2018 -
12/0/2018
CCCC
Amount: 0

Invited Article/Publication: Kincheloe, Pamela. "'A Quiet Place' Falls into Tired Trope About Deafness." *Huffington Post*. (2018). Web. Δ

Invited Article/Publication: Kincheloe, Pamela. "'Is the Deaf Starbucks just Venti-Sized Othering?'" *Huffington Post*. (2018). Web. Δ

Vincent J Samar, Professor

Journal Editor: Samar, Vincent, Action Editor, ed. *Brain and Cognition*. Amsterdam: Elsevier, 2018. Print.

Grants: Samar, Vincent (2017-2018). NTID Subcontract to the Rochester Prevention Research Center- National Center for Deaf Health Research (NCDHR), Centers for Disease Control and Prevention (CDC): Prevention Research Centers Program. Grant received/funded by Prevention Research Centers Program, Centers for Disease Control and Prevention. ≠

Peer Reviewed/Juried Poster Presentation: Larson, Megan and Vincent J Samar. "What is the Cause of Deafness-Related Central Visual Field Attention Deficits?" *Proceedings of the 30th Annual Association for Psychological Science*, May 2018, San Francisco, CA. Ed. Association for Psychological Science. San Francisco, CA: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Nielsen, Emily and Vincent J Samar. "Do Deaf and Hearing Young Adults Show the Same Pattern of Relationships Among Anxiety, Depression, Rumination, and OCD Traits?" *Proceedings of the 30th Annual Association for Psychological Science*, May 2018, San Francisco, CA. Ed. Association for Psychological Science. San Francisco, CA: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Samar, Vincent J, et al. "Early Life Adversity Lastingly Impairs Physical and Cognitive Health." *Proceedings of the Trustees Poster Session*. Ed. RIT. Rochester, NY: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Samar, Vincent J, et al. "Early Life Adversity Lastingly Impairs Body Weight and Cognitive Health." *Proceedings of the Trustees Scholarship Award Poster Session*. Ed. RIT. Rochester, NY: n.p.. ~

Ruth Anna Spooner, Lecturer

Invited Article/Publication: Spooner, Ruth Anna, et al. "Invisible No More: Re-Casting the Role of the ASL-English Translator." *Translation and Interpreting Studies*. (2018). Print. *

MSSE

Christopher Kurz, Professor

Grants: Kurz, Christopher, et al (2018-2019). Languages of Interactive Flexible Technology: World Around You. Grant proposal submitted to All Children Reading: A Grand Challenge Grant, All Children Reading, USAID, World Vision, Australia Aid, Nyle Foundation. ≠

Grants: Kurz, Christopher, John Henner, and Jeanne Reis (2017-2022). Examining the impact of American Sign Language content delivery interventions on deaf and hard of hearing students' STEM learning outcomes and self-efficacy". Grant proposal submitted to NSF, ECR. ≠

Journal Paper: Hansen, Eric, et al. "The usability of American Sign Language videos for presenting mathematics assessment items." *Journal of Deaf Studies and Deaf Education* 23. 3 (2018): 284-294. Print. *

Book Chapter: Bateman, Gerry, Christopher Kurz, and Harry Lang. "Preparing the Next Generations of Teachers and Students." *A Shining Beacon: 50 Years of the National Technical Institute for the Deaf*. Ed. James MacCarthy. Rochester, NY: RIT Press, 2018. 187-194. Print. Δ

Book Chapter: Kurz, Christopher, Kim Kurz, and Raychelle Harris. "Effectively Interpreting the Content Areas Utilizing Academic Language Strategies." *Deaf Eyes on Interpreting*. Ed. Thomas Holcomb and David Smith. Washington DC, DC: Gallaudet University Press, 2018. 253-268. Print. *

Invited Keynote/Presentation: Kurz, Christopher. "ASL-Mathematics Fusion." Promoting Student Success in Mathematics: Working with Deaf and Hard of Hearing Students Conference. DeafTEC and TSD. Austin, TX. 7 Nov. 2018. Conference Presentation.

Uninvited Presentations: Makitani, Yohei and Christopher Kurz. "Phonological Analysis of Japanese Sign Language in the Academic Context." The 7th Meeting of Signed and Spoken Language Linguistics. Signed and Spoken Language Linguistics Society. Osaka, Japan, JP. 27 Sep. 2018. Conference Presentation. *

Uninvited Presentations: Arce, Anna, et al. "Colonial and Postcolonial American Influence on Deaf Education in the Philippines: The Deaf Experience." 10th Deaf History International Conference. Deaf History International. Sydney, Australia, AU. 19 Jul. 2018. Conference Presentation. *

Uninvited Presentations: Kurz, Christopher. "Research and Development of Guidelines of ASL Translation of Mathematics Assessments." 2018 International Test Commission Conference. International Test Commission. Montreal, Canada, CA. 3 Jul. 2018. Conference Presentation. *

Uninvited Presentations: Graham, Patrick, et al. "Creating a Site for Deaf Epistemologies." Comparative and International Education Society. CIES. Mexico City, Mexico, MX. 27 Mar. 2018. Conference Presentation. *

Invited Keynote/Presentation: Kurz, Christopher and Kim Kurz. "Supporting Academic Languages for Deaf Students (and all students)." La Salle Green Hills. College of St. Benilde. Manila, the Philippines, PH. 12 Jan. 2018. Address.

Ila Parasnis, Professor

Book Chapter: Parasnis, Ila and Charlotte L.V. Thoms. "A Commitment to Equality: Diversity at NTID." *A Shining Beacon: Fifty Years of the National Technical Institute for the Deaf*. Ed. James K. McCarthy. Rochester, NY: RIT Press, 2018. 101-116. Print. Δ

Sara Schley, Professor

Invited Keynote/Presentation: Schley, Sara. "Bridging the Gap Between Students and Faculty: Student Mentors and Improving Access and Inclusion." 20/20 Bridging the Gap. Saunders College of Business. Rochester, NY. 16 Feb. 2018. Address. Δ

Invited Keynote/Presentation: Schley, Sara. "Identifying Postsecondary Classroom Challenges and Designing Inclusion and Collaboration Strategies." POD Network 2018. POD Network. Portland, OR. 15 Nov. 2018. Conference Presentation. Δ

Journal Paper: Marchetti, Carol, et al. "Developing Strategies to Increase Postsecondary Access and Inclusion: Faculty Perspectives." Journal on Excellence in College Teaching. (2018): 48. Print. *

Journal Paper: Cawthon, Stephanie, Sara Schley, and S. Davidson. "Student Observation to Improve Access to Instruction in Postsecondary Education." Journal of Postsecondary Education and Disabilities. 107. (2018): 36. Print. *

Journal Paper: Schley, Sara and Jessica Trussell. "A Functional Approach to Classroom Needs for Deaf Students with Additional Disabilities." Odyssey: New Directions in Deaf Education.. (2018): 12. Print. *

Journal Paper: Sparkman, Torrence and Sara Schley. "Diversity and Inclusion in Postsecondary Classrooms." To Improve the Academy: A Journal of Educational Development. (2018): 43. Print. *

Journal Paper: Marchetti, Carol. "Pathways of Deaf and Hard of Hearing Women Faculty to Careers in Higher Education." Disability Studies Quarterly. (2018): 40. Print. *

Journal Paper: Schley, Sara, Deborah Blizzard, and Annmarie Ross. "What About Me? Theorizing Power and Pushback in ADVANCING Marginalized Identities." Journal of Cultural Analysis and Social Change.. (2018): 37. Print. *

Michael E Skyer, Senior Lecturer

Internal Reports/Manuscripts/Articles: Skyer, Michael E., et al. "Final Report on Gender Inclusivity at the Rochester Institute of Technology." Rochester: Long Range Planning and Environmental Committee, 1 May 2018. Web.

Published Conference Proceedings: Skyer, Michael E. "Deaf Gains in Education." Proceedings of the 32nd Annual ESSP Conference: The Rising of Partners in Deaf Education. Ed. Aimee Bell. Rome, NY: n.p., 2018. Web. £

Invited Keynote/Presentation: Skyer, Michael E. "Deaf Gain and Deaf Education: In Theory, In Practice, and Implications for Research." Power Workshop. NTID Office of Professional Development. Rochester, NY. 18 Apr. 2018. Guest Lecture. Δ

Peer Reviewed/Juried Poster Presentation: Skyer, Michael E. "Deaf Visual Pedagogy: Novel Concepts for Theory, Practice, and Research." Proceedings of the Second Biennial Best Practice in Mainstream Education for Deaf and Hard-of-Hearing Students Conference. Ed. Jessica Trussell. Rochester, NY: n.p.. «

Manuscripts Submitted for Publication: Skyer, Michael E. "Bodies in Dependence: Foucauldian Genealogy of the Americans with Disabilities Acts." 15 Nov. 2018. TS - typescript (typed). *

Manuscripts Submitted for Publication: Skyer, Michael E. "Power, Human Geographies, and Deaf Visual Pedagogy." 18 Oct. 2018. TS - typescript (typed). £

Michael Stinson, Research Associate Professor

Published Conference Proceedings: Seita, Matthew, et al. "Behavioral Changes in Speakers who are Automatically Captioned in Meetings with Deaf or Hard-of-Hearing Peers." Proceedings of the The 20th International ACM SIGACCESS Conference on Computers and Accessibility. Ed. Joanna McGrenere and David Flatia. Galway, Ireland: ACM, 2018. Web. *

Jessica W Trussell, Assistant Professor

Journal Paper: Trussell, Jessica W., et al. "Interactive Storybook Reading Instruction for Preschoolers Who Are Deaf and Hard of Hearing: A Multiple Probe Across Behaviors Analysis." *Language, Speech, and Hearing Services in Schools* 49. (2018): 922-937. Print. *

Journal Paper: Trussell, Jessica W., et al. "Morphology Instruction in the Science Classroom for Students who are Deaf: A Multiple Probe Across Content Analysis." *Journal of Deaf Studies and Deaf Education* 23. 3 (2018): 271-283. Print. *

Journal Paper: Borgna, Georgianna, et al. "Numerical and Real-world Estimation Abilities of Deaf and Hearing College Students." *Deafness & Education International* 20. 2 (2018): 1-27. Print. *

Journal Paper: Beal, Jennifer S., et al. "University American Sign Language learners: Longitudinal self and faculty evaluation ratings." *Journal of Interpretation* 26. 1 (2018): 1-27. Web. *

Journal Paper: Walton, Dawn, et al. "I am not Unskilled and Unaware: Deaf and Hearing Learners' Self-assessment of Linguistic and Nonlinguistic Skills." *European Journal of Special Needs Education*. (2018): 1-27. Web. *

Grants: Nordhaus, Jason and Jessica W. Trussell (2018-2023). *Lost in Translation: Removing the Most Significant Barrier Preventing Deaf participation in STEM*. Grant proposal submitted to Special Projects, Moore Foundation. ≠

Office of the Associate Dean of Research

Mel Chua

Published Game, Application or Software: Lerner, Miriam, et al. *ASLCORE Engineering and Computer Science Branches*. Software. NTID. 2018.

Published Conference Proceedings: Chua, Mel, Ian Smith, and Samir Jain. "Alternate-Universe FIE: An Engineering Education Conference Session from a World Where the Majority of Engineers Are Deaf." *Proceedings of the Frontiers in Education*, October 4, 2018, San Jose CA. Ed. Cynda Covert. San Jose, CA: IEEE, Web. «

Published Conference Proceedings: Dannels, Wendy A., Joseph Stanislaw, and Mel Chua. "Visual Signaling for CMM Machines: A Case Study of Deaf Gain in Manufacturing Engineering Education." *Proceedings of the American Society of Engineering Education Annual Conference and Exposition*. Ed. Yalcin Ertekin. Salt Lake City, UT: IEEE, Web. «

Published Conference Proceedings: Stanislaw, Joseph, Wendy A. Dannels, and Mel Chua. "Adding Visual Signals to Machine Shop Equipment: A Case Study of Deaf Gain in Engineering Education." *Proceedings of the ASEE St. Lawrence Section Conference*, Ithaca NY, April 20-21, 2018. Ed. Tracy Nathans-Kelly and Kathryn Dimiduk. Ithaca, NY: ASEE St. Lawrence Section, Web. *

Journal Paper: Chua, Mel. "What is Engineering?: a Graphic Essay of Tech and Philosophy." *Murmurations* 1. 1 (2018): 44-61. Web. ~

Grants: Chua, Mel and Stephen Jacobs (2019). *Conceptual Mismatches*. Grant proposal submitted to Digital Infrastructure Research RFP, Ford Foundation (in conjunction with Sloan Foundation). ≠

Grants: Kurz, Christopher, et al (2018-2019). *Languages of Interactive Flexible Technology-World Around You*. Grant proposal submitted to Sign On For Literacy, All Children Reading. ≠

Grants: Dannels, Wendy, et al (2018-2020). *Augmented Reality: Accessible Dynamic Informal STEM Learning for Deaf and Hard-of-Hearing*. Grant proposal submitted to AISL, NSF. ≠

Invited Keynote/Presentation: Chua, Mel. "Universe Hacking: How 'The Open Source Way' Can Remake Our Realities." *FOSS@MAGIC Monthly Talks*. FOSS@Magic. Rochester, NY. 7 Feb. 2018. Lecture.

Grants: Chua, Mel, et al (2018-2020). Transgressive Narratives of Deaf Engineering Identities in American Engineering Cultures. Grant proposal submitted to SPDI, NTID. ~

Lisa Elliot, Research Associate Professor

Grants: Huenerfauth, Matt and Lisa B Elliot (2018-2021). Collaborative Research: Automatic Text-Simplification and Reading Assistance to Support Self-Directed Learning by Deaf and Hard-of-Hearing Computing Workers. Grant received/funded by Division of Intelligent Information Systems, NSF. ≠

Grants: Huenerfauth, Matt and Lisa B Elliot (2019-2022). CHS: Medium: Design Parameters for Automatic Speech Recognition Applications for Communication Between People who are Deaf or Hard of Hearing and Small Groups of Hearing Colleagues. Grant proposal submitted to Cyber-Human Systems, NSF. ≠

Grants: Elliot, Lisa B (2018-2020). DCL: NSF INCLUDES EAGER: A Study of Online Scientific and Scholarly Communities for Broadening Participation in STEM. Grant received/funded by Division of Human Resource Development, NSF. ≠

Uninvited Presentations: Stinson, Michael, et al. "Knowledge Building and Problem Solving in Teams with Hearing, Deaf and Hard of Hearing Postsecondary Students." AERA Annual Meeting. AERA. New York City, NY. 16 Apr. 2018. Conference Presentation. *

Uninvited Presentations: Gehret, Austin and Lisa Elliot. "Online Solutions for Deaf and Hard of Hearing STEM Learners." 2018 PKAL Ohio Regional Conference. AAC and U. Alliance, OH. 19 May 2018. Conference Presentation. *

Uninvited Presentations: Elliot, Lisa, et al. "Breaking Grounds: A Qualitative Analysis of Online Tutoring Sessions." NTID Student Research Conference. RIT/NTID. Rochester, NY. 13 Apr. 2018. Poster Session. ~

Robert Pollard, Professor

Invited Keynote/Presentation: Pollard, Robert and Robyn Dean. "Clinical Information and Work Strategies for a Practice Profession." Mental Health Interpreter Training. Alabama Department of Mental Health, Office of Deaf Services. Montgomery, AL. 31 Jul. 2018. Guest Lecture. Δ

Invited Keynote/Presentation: Pollard, Robert. "Forensics and the Deaf Population: Challenges and Strategies for Interpreters and Clinicians." Mental Health Interpreter Training (Alumni Session). Alabama Department of Mental Health, Office of Deaf Services. Montgomery, AL. 30 Jul. 2018. Guest Lecture.

Invited Keynote/Presentation: Pollard, Robert. "A Psychologist's Journey in Academia." Professional development. University of Rochester School of Medicine. Rochester, NY. 1 May 2018. Guest Lecture.

Invited Keynote/Presentation: Pollard, Robert. "Deaf Culture" What is it? Why is it? And why Should it Matter to me?" Professional development. University of Rochester School of Medicine. Rochester, NY. 4 Apr. 2018. Guest Lecture.

Invited Keynote/Presentation: Pollard, Robert. "An Introduction to Deaf People, Interpreting and Nursing." Cultural Inclusion Sub-Council. University of Rochester School of Medicine, Department of Nursing. Rochester, NY. 16 Jan. 2018. Guest Lecture.

Scott R Smith, Research Associate Professor

Journal Paper: Hall, Wyatt C., et al. "Considering Parental Hearing Status as a Social Determinant of Deaf Population Health: Insights from Experiences of the \"Dinner Table Syndrome\"." PLoS One 13. 9 (2018): e0202169. Web. «

Journal Paper: Biskupiak, Andrew, Scott R. Smith, and Poorna Kushalnagar. "PrEP Knowledge and Perceived Effectiveness to Reduce HIV infections among Deaf Gay, Bisexual, and Queer Men." LGBT Journal. (2018): TBD. Print. «

Office of the President

Stephen F Aldersley, Professor

Invited Article/Publication: Aldersley, Stephen. "One Year In." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "Performance Ratings." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "A New Hire (Part One)." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "A New Hire (Part Two)." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "Writing a Promotion Letter." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "One of Those Days." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "Dealing With Change." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "Michael." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "Parents." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "The Week From H---." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "In Spite Of All." The Department Chair. (2018). Print. Δ

Invited Article/Publication: Aldersley, Stephen. "Finding A New Department Chair." The Department Chair. (2018). Print. Δ

Wendy Dannels, Research Associate Professor

Grants: Dannels, Wendy, Sara Schley, and Brian Trager (2018-2020). Augmented Reality: Accessible Dynamic Informal STEM Learning for Deaf and Hard-of-Hearing. Grant received/funded by AISL, NSF. ≠

Grants: Dannels, Wendy (2018-2019). Baseline Data Collection: Accessible Dynamic Informal STEM Learning Using Mixed Reality for Deaf and Hard-of-Hearing. Grant received/funded by Sponsored Research Services, RIT. ~

Marc Marschark, Professor

Full Length Book: Knoors, H., M. Brons, and M. Marschark. "Deaf Education Beyond the Western World." New York, NY: Oxford University Press, 2019. Print.

Full Length Book: Marschark, M., S. Antia, and H. Knoors. "Co-enrollment in Deaf Education." Fairport, NY: Oxford University Press, 2019. Print.

Book Chapter: Marschark, M., S. Antia, and H. Knoors. "Co-enrollment for Deaf Learners: Foundations, Implementation, and Challenges." "Co-enrollment in deaf education." Fairport, NY: Oxford University Press, 2019. TBD. Print. ~

Journal Paper: Walton, D, et al. "I Am NOT Unskilled and Unaware: Deaf and Hearing Learners' Self-Assessments of Linguistic and Nonlinguistic Skills." Journal of Deaf Studies and Deaf Education. (2018): TBD. Print. *

Journal Paper: Dammeyer, J, M Marschark, and I Zettler. "Personality Traits, Self-Efficacy, And Cochlear Implant Use Among Deaf And Hard-Of-Hearing Young Adults." Journal of Deaf Studies and Deaf Education 23. (2018): 351-359. Print. «

Journal Paper: Spencer, L, et al. "Communication Skills Of Deaf And Hard Of Hearing College Students: Objective Measures And Self-Assessment." *Journal of Communication Disorders* 75. (2018): 13-24. Print. «

Journal Paper: Borgna, G, et al. "Numerical And Real-World Estimation Abilities Of Deaf And Hearing College Students." *Deafness and Education International* 20. (2018): 59-79. Print. «

Journal Paper: Marschark, M., et al. "Relations Of Social Maturity, Executive Function, And Self-Efficacy Among Deaf University Students." *Deafness and Education International* 20. (2018): 100-120. Print. «

Journal Paper: Dammeyer, J, M Chapman, and M Marschark. "Experience Of Hearing Loss, Communication, Social Participation, And Psychological Well-Being Among Adolescents With Cochlear Implants." *American Annals of the Deaf* 163. (2018): 424-439. Print. «

Journal Paper: Marschark, M., et al. "Language And Psychosocial Functioning Among Deaf Learners With And Without Cochlear Implants." *Journal of Deaf Studies and Deaf Education* 23. (2018): 28-40. Print. «

Journal Paper: Marschark, M. "Language, Cognition, And Executive Functioning Of Deaf Learners." *Japanese Journal of Hearing and Language Disorders* 46. (2018): 55-68. Print. Δ

Journal Paper: Crowe, K, et al. "Achievement, Language, And Technology Use Among College-Bound Deaf Learners." *Journal of Deaf Studies and Deaf Education* 22. (2018): 393-41. Print. «

Corrine M Occhino, Research Assistant Professor

Uninvited Presentations: Occhino, Corrine and Joseph Hill. "Documenting Individual Variation in ASL (DIVA)." *New Ways of Analyzing Variation (NWAV47)*. NWAV. NYC, New York. 20 Oct. 2018. Conference Presentation. *

Uninvited Presentations: Kurz, Kim and Corrine Occhino. "Constructed Actions in American Sign Language: A look at Second Modality and Second Language Learners." *High Desert Linguistics Society (HDLS13)*. HDLS. Albuquerque, NM. 11 Nov. 2018. Conference Presentation. *

Uninvited Presentations: Occhino, Corrine. "Image Schemas and Embodied Cognition: Reconceptualizing Signed Language Phonology." *High Desert Linguistics Society (HDLS13)*. HDLS. Albuquerque, NM. 10 Nov. 2018. Conference Presentation. *

Book Chapter: Lepic, Ryan and Corrine Occhino. "A Construction Morphology Approach to Sign Language Analysis." *The Construction of Words: Advances in Construction Morphology*. online, online: Springer International Publishing, 2018. 141-172. Web. Δ

Invited Keynote/Presentation: Occhino, Corrine. "Finding Meaning in Phonology: An Embodied Perspective." *Sign CAFE (Cognitive and Functional Explorations)*. UK Birmingham. Birmingham, UK. 31 Jul. 2018. Keynote Speech. Δ

Kathryn Schmitz, Associate Professor

Journal Editor: Schmitz, Kathryn L., ed. *The Volta Review*. Washington, DC: Alexander Graham Bell Association of the Deaf, 2018. Web. «

Science and Mathematics

Austin Gehret, Associate Professor

Peer Reviewed/Juried Poster Presentation: Ulerio-Nunez, Franly, et al. "Exploration of a *pho13* Knockout Growth Phenotype in Non-engineered Strains of *Saccharomyces Cerevisiae*." *Proceedings of the Experimental Biology 2018* (San Diego, CA; April 21-25, 2018). Ed. Thoru Pederson, PhD. Rockville, Md: The FASEB Journal, Supplemental Issue (Vol. 32, No. 1).

Uninvited Presentations: Gehret, Austin U. and Lisa B. Elliot. "Online Solutions for Deaf and Hard of Hearing STEM Learners." Ohio Project Kaleidoscope 4th Annual Conference (University of Mount Union). Association of American Colleges and Universities. Alliance, Ohio. 19 May 2018. Conference Presentation. £

Bonnie Jacob, Assistant Professor

Journal Paper: Jacob, Bonnie. "Breastmilk and Theorems." *Journal of Humanistic Mathematics* 8. 2 (2018): 301-303. Web. *

Journal Paper: Jacob, Bonnie. "Mommy Brain and the Mommy Mathematician." *Journal of Humanistic Mathematics* 8. 2 (2018): 223-238. Web. *

Grants: Jacob, Bonnie (2017-2020). Summer Undergraduate Research for Students who are Deaf or Hard-of- Hearing in Applying Mathematical and Statistical Methods to Problems from the Sciences (REU@NTID). Grant received/funded by NSF REU Site, NSF.

Uninvited Presentations: Jacob, Bonnie. "Distance Swap Graphs." MAA Seaway Section Meeting. SUNY College at Brockport. Brockport, NY. 14 Apr. 2018. Conference Presentation. £

Viet Q Le, Assistant Professor

Published Conference Proceedings: Steed, Tabitha, Darrell Gumbs, and Viet Le. "Identification of Novel Sodium/Chloride-Independent and Calcium-sensitive MPP+ Uptake Pathway Present in Dopaminergic Cells." *Proceedings of the 63rd Annual Student Research Symposium of the Rochester Section of the American Chemical Society*. Ed. American Chemical Society. Brockport, NY: n.p., Web.

Uninvited Presentations: Steed, Tabitha, Darrell Gumbs, and Viet Le. "Identification of Novel Sodium/Chloride-Independent and Calcium-sensitive MPP+ Uptake Pathway Present in Dopaminergic Cells." NTID's 3rd Annual Student Research Fair. NTID. Rochester, NY. 13 Apr. 2018. Poster Session.

Uninvited Presentations: Wright, Holly, Joanna Mari, and Viet Le. "Statistical Analysis of Amiloride and 4,4'-diisothiocyanostilbene-2,2'-disulfonic acid (DIDS) with Neuroprotective Properties in MN9D cells under acidosis condition." 2018 Undergraduate Research Symposium at RIT. Rochester Institute of Technology. Rochester, NY. 3 Aug. 2018. Poster Session.

Published Conference Proceedings: Le, Viet, Mapa Mapa, and Kandatege Wimalasena. "Fenamate Protects Against 1-methyl-4-phenylpyridinium-induced Apoptosis in Dopaminergic MN9D Cells." *Proceedings of the Proceedings of the 256th National Meeting of the American Chemical Society*. Ed. American Chemical Society. Boston, MA: n.p., 2018. Web.

Journal Paper: Mapa, Mapa, Viet Le, and Kandatege Wimalasena. "Characteristics of the Mitochondrial Uptake of MPP+, as Probed by the Fluorescent Mimic, 4'I-MPP+." *PLoS One* 13. 8 (2018): e0197946. Print. *

Matthew Lynn, Associate Professor

Invited Keynote/Presentation: Cuculick, Jessica A and Matthew A Lynn. "Aiming for Diverse Representation in Translational Research: Working with Deaf Scientists." 2018 UNYTE Translational Research Network Scientific Session: Promoting Diverse Representation in Translational Research. University of Rochester. Rochester, NY. 16 Mar. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Lynn, Matthew A. "Accommodating Deaf and Hard-of-Hearing Students in the University Classroom." 2018 Institutional Research and Academic Career Development Awards (IRACDA) Conference. Emory University. Atlanta, GA. 17 Jul. 2018. Conference Presentation. Δ

Uninvited Presentations: Miecznikowski, John R, et al. "Syntheses and Characterization of cobalt(II) SNS Pincer Model Complexes for Liver Alcohol Dehydrogenase." 256th National Meeting of the American Chemical Society. American Chemical Society. Boston, MA. 1 Aug. 2018. Conference Presentation. £

Uninvited Presentations: Kharbouch, Rami M, et al. "Deactivation of a Ruthenium(II) N-heterocyclic Carbene p-cymene Complex During Transfer Hydrogenation Catalysis." 256th National Meeting of the American Chemical Society. American Chemical Society. Boston, MA. 1 Aug. 2018. Conference Presentation. £

Journal Paper: Miecznikowski, John R, et al. "Deactivation of a Ruthenium(II) N-Heterocyclic Carbene p-Cymene Complex During Transfer Hydrogenation Catalysis." *Transition Metal Chemistry* 43. (2018): 21-29. Print. ~

Manuscripts Submitted for Publication: Lynn, Matthew A, et al. "Diversifying Science: Mentoring and Supporting Deaf and Hard-of-Hearing Scholars." 1 Sep. 2018. TS - typescript (typed). «

Manuscripts Submitted for Publication: Lynn, Matthew A, et al. "Copper(I) SNS Pincer Complexes: Impact of Ligand Design and Solvent Coordination on Conformer Interconversion from Spectroscopic and Computational Studies." 1 Sep. 2018. TS - typescript (typed). *

Uninvited Presentations: Miecznikowski, John R, et al. "Synthetic, Spectroscopic, and Computational Study of SNS Copper(I) Pincer Complexes Based on Bis-Imidazole and Bis-Trazole Precursors: Impact of Ligand Design and Solvent Coordination on Conformer Interconversion." 255th National Meeting of the American Chemical Society. American Chemical Society. New Orleans, LA. 1 Mar. 2018. Conference Presentation. £

Uninvited Presentations: Miecznikowski, John R, et al. "Syntheses, Characterizations, and Computational Studies of SNS Copper(I) Pincer Complexes Based on Bis-imidazole Precursors: Impact of Solvent Coordination on Atropisomeric Conformations." 256th National Meeting of the American Chemical Society. American Chemical Society. Boston, MA. 1 Aug. 2018. Conference Presentation. £

Keith Mousley, Associate Professor

Invited Keynote/Presentation: Mousley, Keith. "Making Math More Visual." DeafTec. NTID. Rochester, NY. 14 Aug. 2018. Conference Presentation.

Journal Paper: Kelly, Keith Mousley & Ronald R. "Developing Deaf Students Fraction Skills Requires Understanding Magnitude and Whole Number Division." *Journal of Education and Learning* Vol. 7. No. 2 (2018): 12-20. Web. *

Uninvited Presentations: Kelly, Keith Mousley and Ronald. "Research Based Teaching Strategies For Introducing and Understanding Fractions in Elementary Mathematics Curriculum." ACE-DHH. ACE-DHH. Tucson, AZ. 17 Feb. 2018. Conference Presentation. *

Jason T Nordhaus, Assistant Professor

Journal Paper: Wilson, E. and J. Nordhaus. "The Role of Convection in Determining the Ejection Efficiency of Common Envelope Interactions." *Monthly Notices of the Royal Astronomical Society*. (2018): 10. Web. £

Journal Paper: Chamandy, Luke, et al. "Accretion in common envelope evolution." *Monthly Notices of the Royal Astronomical Society*. (2018): 1898-1911. Web. £

Invited Article/Publication: Frank, Adam, et al. "Planetary Nebulae Shaped by Common Envelope Evolution." *Galaxies*. (2018). Web. £

Published Conference Proceedings: Chamandy, Luke, et al. "Accretion in Common Envelope Evolution." *Proceedings of the Why Galaxies Care About AGB Stars*. Ed. F. Kerschbaum, M. Groenewegen, and H. Olofsson. Vienna, Austria: n.p., Web. £

Journal Paper: Trussell, Jessica, et al. "Morphology Instruction in the Science Classroom for Students who are Deaf: A Multiple Probe Across Content Analysis." *Journal of Deaf Studies and Deaf Education* 23. (2018): 271-283. Web. «

Journal Paper: Chen, Zhuo, et al. "Wind-accelerated Orbital Evolution in Binary Systems with Giant Stars." Monthly Notices of the Royal Astronomical Society. (2018): 747-756. Web. £

Published Conference Proceedings: Chen, Zhuo, et al. "Mass Transfer in Asymptotic-giant-branch Binary Systems." Proceedings of the Planetary Nebulae: Multi-Wavelength Probes of Stellar and Galactic Evolution. Ed. None. IAU Symposium, International: n.p., Web. £

Published Conference Proceedings: Marco, Orsola De, et al. "Post-common Envelope PN, Fundamental or Irrelevant?" Proceedings of the Planetary Nebulae: Multi-Wavelength Probes of Stellar and Galactic Evolution. Ed. None. International, International: n.p., Web. £

Published Conference Proceedings: Nordhaus, Jason. "Common Envelope Evolution: Implications for Post-AGB Stars and Planetary Nebulae." Proceedings of the Planetary Nebulae: Multi-Wavelength Probes of Stellar and Galactic Evolution. Ed. None. International, International: n.p., Web. £

Grants: Nordhaus, Jason and Jessica Trussell (2019-2023). Lost in Translation: Removing the Most Significant Barrier Preventing Deaf participation in STEM. Grant proposal submitted to Special Projects, Gordon and Betty Moore Foundation.

Grants: Campanelli, Manulea, et al (2019-2023). Advancing Computational Methods to Understand the Dynamics of Ejection, Accretion, Winds and Jets in Neutron Star Mergers. Grant received/funded by Theoretical and Computational Astrophysics Networks, NASA.

Grants: Nordhaus, Jason and Gabriel Guidarelli (2018-2020). 3D Simulations of Planetary Disruption in Red Giant Interiors. Grant proposal submitted to Extreme Science and Engineering Discovery Environment, National Science Foundation.

Grants: Nordhaus, Jason, et al (2018-2019). Black Holes Inside Giant Stars: The First Relativistic Simulations of Common Envelopes. Grant proposal submitted to Scholarship Development Proposal Initiative, NTID.

Grants: Nordhaus, Jason, et al (2019-2023). General Relativistic Studies of Drag and Accretion in Common Envelopes with Black Holes. Grant proposal submitted to Astronomy and Astrophysics Grant Proposals, National Science Foundation.

Invited Keynote/Presentation: Nordhaus, Jason. "Binary Interactions on the Post-main Sequence." Invited Colloquium. Arizona State University. Phoenix, AZ. 16 Mar. 2018. Keynote Speech.

Invited Keynote/Presentation: Nordhaus, Jason. "A Status Update on the Neutrino Mechanism of Core-collapse Supernovae." Optical Society of America Colloquium. Optical Society of America. Rochester, NY. 20 Feb. 2018. Keynote Speech.

Todd Pagano, Professor

Journal Editor: Pagano, Todd and Sami Kahn, ed. Journal of Science Education for Students with Disabilities. Rochester, NY: Science Education for Students with Disabilities, 2018. Web. *

External Scholarly Fellowships/National Review Committee:
11/14/2017 -
12/8/2017
U.S. Dept. of State's Bureau of Educational & Cultural Affairs
Amount: 10,000
£

External Scholarly Fellowships/National Review Committee:
1/12/2017 -
1/30/2017
Erasmus Mundus
Amount: 10,000
£

National/International Competition Award

Winner: Pagano, Todd. American Chemical Society. Volunteerism Award. Rochester, NY, 2018. £

External Scholarly Fellowships/National Review Committee:

5/1/2018 -

5/1/2018

Royal Society of Chemistry

Amount: 0

£

Uninvited Presentations: Ross, Annemarie and Todd Pagano. "Investigating the Scientific Argumentation Skills of Deaf Students." 2018 Biennial Conference on Chemical Education (BCCE). American Chemical Society. South Bend, IN. 31 Jul. 2018. Conference Presentation. £

Uninvited Presentations: Ross, Annemarie and Todd Pagano. "Rasch Analysis of a Climate Change Survey Among Deaf Students." 2018 Biennial Conference on Chemical Education (BCCE). American Chemical Society. South Bend, IN. 1 Aug. 2018. Conference Presentation. £

Grants: Jacob, Bonnie, Jason Nordhaus, and Todd Pagano (2018-2020). Summer Undergraduate Research for Students who are Deaf or Hard-of-Hearing in Applying Mathematical and Statistical Methods to Problems from the Sciences. Grant received/funded by Research Experiences for Undergraduates (REU), National Science Foundations. *

Journal Paper: Bida, Morgan, et al. "Essential Oil Compounds from the Leaf of *Eugenia Samanensis* Alain (Myrtaceae), a Species Endemic to the Samaná Peninsula, Dominican Republic." *Journal of Essential Oil Research*. (2018): 0. Print. *

Published Conference Proceedings: Rogers, Reginald and Todd Pagano. "Mending the Gap: An Intentional Focus on Integrating Underrepresented Minority and Deaf/Hard-of-Hearing Students into the Research Culture." *Proceedings of the American Society for Engineering Education*. Ed. ASEE. Salt Lake City, Utah: n.p., 2018. Web. «

Journal Paper: Rogers, Reginald and Todd Pagano. "Intentional Efforts Towards an Inclusive Undergraduate Research Environment for Underrepresented Students." *Scholarship and Practice of Undergraduate Research* 1. 4 (2018): 47. Web. *

Journal Paper: Helm, Irja, et al. "Comparative Validation of Two Dissolved Oxygen Analyzers Based on Amperometric and Optical Sensing Technologies." *Environmental Monitoring and Assessment* 190. 313 (2018): 1-18. Print. *

Journal Paper: Eddingsaass, Nathan, et al. "Qualitative Analysis of e-Liquid Emissions as a Function of Flavor Additives Using Two Aerosol Capture Methods." *International Journal of Environmental Research and Public Health* 15. 2 (2018): 323. Web. *

Manuscripts Submitted for Publication: Ross, Annemarie, Randy Yerrick, and Todd Pagano. "Examining Deaf Students' Equitable Access to Science- an Action Research Approach Based on Scientific Argumentation." 1 Aug. 2018. TS - typescript (typed). «

Uninvited Presentations: Rogers, Reginald and Todd Pagano. "Mending the Gap: An Intentional Focus on Integrating Underrepresented Minority and Deaf/Hard-of-Hearing Students into the Research Culture." American Society for Engineering Education Annual Meeting. American Society for Engineering Education. Salt Lake City, UT. 25 Jun. 2018. Conference Presentation. «

Uninvited Presentations: Ross, Annemarie and Todd Pagano. "Understanding of Climate Science Among Deaf and Hard-of-hearing Laboratory Technology Students' Improvement with the ACS Climate Science Toolkit." 255th American Chemical Society National Meeting. American Chemical Society. New Orleans, LA. 18 Mar. 2018. Conference Presentation. £

Invited Keynote/Presentation: Pagano, Todd, et al. "Expanding Biomedical Training to the Deaf/Hard-of-hearing Community." 255th American Chemical Society National Meeting. American Chemical Society. New Orleans, LA. 18 Mar. 2018. Conference Presentation. £

Uninvited Presentations: Tarmey, Signey, et al. "Analysis of Smith's Buckthorn, a Rhamnaceae Species Native to Colorado and New Mexico." 3rd Annual NTID Student Research Fair, Rochester Institute of Technology/National Technical Institute for the Deaf. National Technical Institute for the Deaf. Rochester, NY. 13 Apr. 2018. Conference Presentation. £

Uninvited Presentations: Cummings, Cody, et al. "3. Fluorescence Characteristics and PARAFAC Modeling of Bitumen from Ancient Ceramics." 3rd Annual NTID Student Research Fair, Rochester Institute of Technology/National Technical Institute for the Deaf. National Technical Institute for the Deaf. Rochester, NY. 13 Apr. 2018. Conference Presentation. £

Uninvited Presentations: Tarmey, Signey, et al. "Characterizing the Chemical Fingerprint of Smith's Buckthorn, a Rhamnaceae Species Native to Colorado and New Mexico." 63rd Annual Rochester American Chemical Society Undergraduate Research Symposium. American Chemical Society. Brockport, NY. 28 Apr. 2018. Conference Presentation. £

Uninvited Presentations: Bida, Morgan, et al. "Determination of the Essential Oils of Illicium cf. ekmanii, Smith using Headspace Solid-Phase Micro-Extraction with Gas Chromatography-Mass Spectrometry." XIV Congreso Internacional de Investigación Científica. Universidad Autónoma de Santo Domingo. Santo Domingo, Dominican Republic. 6 Jun. 2018. Conference Presentation. £

Uninvited Presentations: Soun, Kevin, et al. "Essential Oil and Headspace Aroma Composition of Lignum vitae c.f. Ekmanii Smith from the Dominican Republic using Hydrodistillation, SPME, and GC-MS." RIT Undergraduate Research Symposium. Rochester Institute of Technology. Rochester, NY. 3 Aug. 2018. Conference Presentation. £

Uninvited Presentations: Cusick, Kelly, et al. "Analysis of Pollutant Removal from Environmental Water Samples by Carbon Nanotubes." RIT Undergraduate Research Symposium. Rochester Institute of Technology. Rochester, NY. 3 Aug. 2018. Conference Presentation. £

Invited Keynote/Presentation: Pagano, Todd. "A Post-Secondary Degree Program that Maximizes Deaf/Hard-of-Hearing Student Success." 9th annual Inclusion in Science, Learning A New Direction Conference. Princeton University. Princeton, NJ. 15 Sep. 2018. Conference Presentation. Δ

Invited Keynote/Presentation: Pagano, Todd and Reginald Rogers. "Using Spectroscopy and Chemometrics to Address the Global Challenge of Access to Clean Water." The College of New Jersey Chemistry Series Seminar. The College of New Jersey. Ewing, NJ. 13 Sep. 2018. Guest Lecture.

Annemarie Ross, Associate Professor

Uninvited Presentations: Ross, Annemarie D and Todd Pagano. "Investigating the Argumentation Skills of Deaf Students." 25th Biennial Conference on Chemical Education. American Chemical Society. South Bend, IN. 31 Jul. 2018. Conference Presentation. £

Uninvited Presentations: Ross, Annemarie D and Todd Pagano. "Rasch Analysis of a Climate Change Survey Among Deaf Students." 25th Biennial Conference on Chemical Education. American Chemical Society. South Bend, Indiana. 1 Aug. 2018. Conference Presentation. £

Invited Keynote/Presentation: Pagano, Todd, et al. "Expanding Biomedical Training to the Deaf/Hard-of-Hearing Community." 255th American Chemical Society National Meeting. American Chemical Society. New Orleans, LA. 18 Mar. 2018. Conference Presentation. £

Uninvited Presentations: Ross, Annemarie D and Todd Pagano. "Understanding of Climate Science Among Deaf and Hard-of-hearing laboratory Technology Students Improve with the ACS Climate Science Toolkit." 255th American Chemical Society National Meeting. American Chemical Society. New Orleans, LA. 18 Mar. 2018. Conference Presentation. £

Manuscripts Submitted for Publication: Ross, Annemarie D, Randy Yerrick, and Todd Pagano. "Examining D/HH Students' Equitable Access to Science - An Action Research Approach Based on Scientific Argumentation." 12 Jul. 2018. TS - typescript (typed). «

David C Templeton, Associate Professor

Book Chapter: Pagano, Todd Eric and David Charles Templeton. "From Roots to Stem: The Growth of STEM Education at NTID." "A Shining Beacon: Fifty Years of the National Technical Institute for the Deaf." Ed. James K. McCarthy. Rochester, NY: RIT Press, 2018. 159-171. Print. Δ

Visual Communications Studies

Paula Grcevic, Professor

Shows/Exhibits/Installations: Grcevic, Paula. The Sketchbook Project World Tour: Textures (16 pages). 1 Mar. 2018. Brooklyn Art Library, Brooklyn. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Blueberries. 18 May 2018. Rochester Contemporary Art Center, Rochester. Exhibit.

Eric Kunsman, Lecturer

Invited Keynote/Presentation: Kunsman, Eric T. "Color Managed Workflow for Digital Print." SPAS workshop series. Rochester Institute of Technology. Rochester, New York. 24 Jun. 2018. Lecture. ~

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art., Will Give... 1 Nov. 2018. Camera-Work Gallery, Scranton, PA. Exhibit. «

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art., Will Give... 8 Nov. 2018. Lane Community College, Eugene, WA. Exhibit. «

Invited Keynote/Presentation: Kunsman, Eric T. "Thou Art., Will Give..." Artist talk in conjunction with my solo show. Lane Community College. Eugene, OR. 8 Nov. 2018. Lecture. «

Invited Keynote/Presentation: Kunsman, Eric T. "Guest Critic for Photography II class." Guest critique for photo students in conjunction with my solo show. Lane Community College. Eugene, OR. 7 Nov. 2018. Guest Lecture. «

Invited Keynote/Presentation: Kunsman, Eric T. "Painting with Light." A Series of Workshops in Conjunction with my Solo Show. Lane Community College. Eugene, Oregon. 8 Nov. 2018. Lecture. «

Invited Keynote/Presentation: Kunsman, Eric T. "Black & White Digital Printing Workflow Workshop." A series of workshops in conjunction with my solo show. Lane Community College. Eugene, Oregon. 8 Nov. 2018. Lecture. «

Invited Keynote/Presentation: Kunsman, Eric T. "Envisioning the Final Print." A series of workshops in conjunction with my solo show. Lane Community College. Eugene, Oregon. 8 Nov. 2018. Lecture. «

National/International Competition Award Winner: Kunsman, Eric T. Pittsburg State University Museum of Art. IDEA Artist of the Year. Pittsburg, KS, 2018. «

Shows/Exhibits/Installations: Kunsman, Eric T. "Thou Art., Will Give..." 2 Apr. 2018. Pittsburg State University Museum of Art, Pittsburg, KS. Exhibit. «

Invited Keynote/Presentation: Kunsman, Eric T. "Thou Art., Will Give..." Artist talk in conjunction with my solo show. Pittsburg State University Museum of Art. Pittsburg, Kansas. 5 Apr. 2018. Lecture. «

Invited Keynote/Presentation: Kunsman, Eric T. "My approach to Professional Practices." A Series of Lectures in Conjunction with my Solo Show. Pittsburg State University Museum of Art. Pittsburg, Kansas. 5 Apr. 2018. Lecture. «

Invited Keynote/Presentation: Kunsman, Eric T. "Guest Critic for Senior Portfolio class." A Series of Lectures in Conjunction with my Solo Show. Pittsburg State University Museum of Art. Pittsburg, Kansas. 8 Apr. 2018. Guest Lecture. «

External Scholarly Fellowships/National Review Committee:

3/2/2018 -
3/2/2018
Society for Photographic Education
Amount: 0
~

External Scholarly Fellowships/National Review Committee:

3/3/2018 -
3/3/2018
Society for Photographic Education
Amount: 0
~

Invited Keynote/Presentation: Kunsman, Eric T. "Print Buyers Vs. Print Sellers.\" Flower City Print Academy. Flower City Printing. Rochester, NY. 8 May 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Print Buyers Vs. Print Sellers." Flower City Print Academy. Flower City Printing. Rochester, New York. 23 May 2018. Lecture. ~

National/International Competition Award

Winner: Kunsman, Eric T. R.G. Endress Gallery, International Juried Photo Competition. Merit Award in the Landscapes & Architecture. Prairie Village, Kansas, 2018. *

National/International Competition Award

Winner: Kunsman, Eric T. Allegany Arts Council's Saville Gallery. Honorable Mention for Best B and W. Cumberland, MD, 2018. *

National/International Competition Award

Winner: Kunsman, Eric T. Gertrude Herbert Institute of Art. Honorable Mention. Augusta, GA, 2018. *

Invited Keynote/Presentation: Kunsman, Eric T. "Print Buyers Vs. Print Sellers." Flower City Print Academy. Flower City Printing. Rochester, New York. 8 Jun. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Overview of the Major Printing Processes." Flower City Print Academy. Flower City Printing. Rochester, New York. 20 Jun. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Overview of the Major Printing Processes." Flower City Print Academy. Flower City Printing. Rochester, New York. 8 May 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Overview of the Major Printing Processes." Flower City Print Academy. Flower City Printing. Rochester, New York. 23 May 2018. Lecture. ~

National/International Competition Award

Winner: Kunsman, Eric T. Bank of the Arts Juried Show. Best of Photography. New Bern, North Carolina, 2018. *

National/International Competition Award

Winner: Kunsman, Eric T. The Photo Review Annual Competition. 6th Place. Philadelphia, PA, 2018. *

National/International Competition Award

Winner: Kunsman, Eric T. Click Photo Fest. 1 of 20 International Photographers selected for the class of 2018. Durham, NC, 2018. *

Invited Keynote/Presentation: Kunsman, Eric T. "Digital Press Technologies." Digital Printing Technologies Boot Camp. Printing Applications Lab at RIT. Rochester, New York. 7 Aug. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Wide-format Inkjet Printing Technologies." Digital Printing Technologies Boot Camp. Printing Applications Lab at RIT. Rochester, New York. 8 Aug. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Digital Printing Processes." Printing Process ID and Image Analysis for Forensic Document Examiners. Printing Applications Lab at RIT. Rochester, New York. 16 Oct. 2018. Lecture. ~

National/International Competition Award

Winner: Kunsman, Eric T. Midwest Center for Photography. Fellowship Award for Developed Work. Wichita, KS, 2018. *

National/International Competition Award

Winner: Kunsman, Eric T. Banana Factory, Invision Juried Exhibition. Honorable Mention. Bethlehem, PA, 2018. *

Invited Keynote/Presentation: Kunsman, Eric T. "Digital Press Technologies." Digital Printing Technologies Boot Camp. Printing Applications Lab at RIT. Rochester, New York. 3 Apr. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Wide-format Inkjet Printing Technologies." Digital Printing Technologies Boot Camp. Printing Applications Lab at RIT. Rochester, New York. 3 Apr. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Overview of Major Printing Processes." Orientation to the Graphic Arts for Canon Solutions. Printing Applications Lab at RIT. Rochester, New York. 13 Mar. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Paper and Ink." Orientation to the Graphic Arts for Canon Solutions. Printing Applications Lab at RIT. Rochester, New York. 14 Mar. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Wide-format Inkjet Printing Technologies." Orientation to the Graphic Arts for Canon Solutions. Printing Applications Lab at RIT. Rochester, New York. 15 Mar. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Fine Art Digital Printing Basic Workflow." Photo Arts I- School of Photographic Arts & Sciences. Rochester Institute of Technology. Rochester, New York. 24 Oct. 2018. Guest Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Overview of the Major Printing Processes." Orientation to the Graphic Arts for Canon Solutions. Printing Applications Lab at RIT. Rochester, New York. 27 Jun. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Paper and Ink." Orientation to the Graphic Arts for Canon Solutions. Printing Applications Lab at RIT. Rochester, New York. 27 Jun. 2018. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Wide-format Inkjet Printing Technologies." Orientation to the Graphic Arts for Canon Solutions. Printing Applications Lab at RIT. Rochester, New York. 28 Jun. 2018. Lecture. ~

Shows/Exhibits/Installations: Kunsman, Eric T. Felicific Calculus. 2 Nov. 2018. Crayola Gallery, Banana Factory Arts Center, Bethlehem, PA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Life in Analog Exhibitions. 17 Oct. 2018. Fort Works Art, Fort Worth, TX. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Photo Review Best of Show 2018. 16 Nov. 2018. SolMednick Gallery, University of the Arts, Philadelphia, PA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. States of Disrepair. 2 Nov. 2018. Mulberry Art Studios, Lancaster, PA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Cultivating Connections: Growing Communities in the Flower City. 2 Nov. 2018. Dyer Arts Center, NTID, Rochester, NY. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Developed Work. 27 Oct. 2018. Midwest Center for Photography, Wichita, KS. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Out in the Street. 21 Sep. 2018. Muzeumm & The Venice Institute of Contemporary Art ViCA, Los Angeles, CA. Installation. *

Shows/Exhibits/Installations: Kunsman, Eric T. Street Photography. 12 Jan. 2018. Blank Wall Gallery, Greese (the country). Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. The State of America. 27 Jan. 2018. Photo-Place Gallery, Middlebury, VT. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. International Juried Photo Competition 2018. 10 Jan. 2018. R.G. Endress Gallery, Prairie Village, KS. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Contemporary Photography 2008-2018. 13 Jul. 2018. SITE:BROOKLYN, Brooklyn, NY. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. 2018 Bank of the Arts National Juried Exhibition. 7 Sep. 2018. Craven Arts Council & Gallery, Newbern, NC. Exhibit. *

National/International Competition Award Winner: Kunsman, Eric T. Craven Arts Council & Gallery. 2018 Bank of the Arts National Juried Exhibition Winners, Best in Photography. Newbern, NC, 2018. *

Shows/Exhibits/Installations: Kunsman, Eric T. Pushing 40. 15 Sep. 2018. Ellarslie Trenton Museum, Trenton, NJ. Exhibit. ~

Shows/Exhibits/Installations: Kunsman, Eric T. New Member Shoe. 2 Nov. 2018. Schweinfurth Gallery, Auburn, NY. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Hot New Pics. 25 Aug. 2018. Midwest Center for Photography, Wichita, KS. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Photography at the Emerald: 3rd Annual Autumn Exhibition. 4 Oct. 2018. Emerald Art Center, Springfield, OR. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Location Location Location. 2 Jun. 2018. Lowell Arts Center, Lowell, MI. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. 2018 CPAC Annual Members. 27 Aug. 2018. Colorado Photographic Arts Center, Denver, CO. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Art Through the Lens. 5 Oct. 2018. Yeiser Arts, Paducah, KY. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. The Built Environment. 1 Jun. 2018. ORR Street Studio, Columbia, MD. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. A Sense of Place. 7 Sep. 2018. Gertrude Herbert Institute of Art, Augusta, GA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Black & White. 8 Aug. 2018. Cultural Center of Cape Cod, Cape Cod, MA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Camera USA® 2018: National Photography Exhibition and Award. 4 Jun. 2018. The Naples Art Association, Naples, FL. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. 3rd Annual Photographic Competition and Exhibition. 18 Feb. 2018. LA Artcore, Los Angeles, CA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. 2018 International Juried Exhibition- featured images. 7 Jul. 2018. Center for Photographic Arts, Carmel, CA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Allegany National Photography Competition & Exhibition. 7 Apr. 2018. Allegany Arts Council's Saville Gasllery, Cumberland, MD. Exhibit. *

National/International Competition Award Winner: Kunsman, Eric T. International Photography Magazine. International Photography Grant- Finalist Nominee. , online, 2018. *

Invited Article/Publication: Kunsman, Eric T. "Thou Art..., Will Give..." Chaleur Magazine. (2018). Web. *

Sidonie M Roepke, Professor

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Why. Nov. 2018. Mill Art Gallery, Honey Falls, NY. Exhibit. ~

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Tempestuous. Sep. 2108. William Harris Gallery, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Next Door. Sep. 2018. William Harris Gallery, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Agave Swirl. Sep. 2018. MuCCC, Rochester, NY. Exhibit. ~

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Don't Know Why There Is No Sun Up In The Sky... Sep. 2018. Runyan Gallery, Newport,

Oregon. Exhibit. «

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Something. Jan. 2018. ISEA, O. Exhibit.

Michael J Voelkl, Associate Professor

Shows/Exhibits/Installations: Voelkl, Michael. ADK Garnet Lake. 1 Mar. 2018. 311 Gallery, 311 West Martin St. Raleigh NC 27601. Exhibit. *

Shows/Exhibits/Installations: Voelkl, Michael. Selif Portrait. 18 Oct. 2018. University of Alaska Hugh Mcpeck Gallery, Anchorage Alaska. Exhibit. *

Saunders College of
Business

Accounting

Archana Jain, Assistant Professor

Journal Paper: Jain, Archana, Chinmay Jain, and Christine X Jiang. "Early Movers Advantage? Evidence from Short Selling during After Hours on Earnings Announcement Days." *Financial Review*. (2018): NA. Print. £

Ke-an Wu, Assistant Professor

Journal Paper: Du, Hui and Kean Wu. "XBRL Mandate and Timeliness of Financial Reporting: Do XBRL Filings Take Longer?" *Journal of Emerging Technologies in Accounting*. (2018): NA. Print. £

Journal Paper: Skousen, Christopher, Li Sun, and Kean Wu. "The Role of Managerial Ability in Classification Shifting Using Discontinued Operations." *Advances in Management Accounting*. (2018): NA. Print. £

Rong Yang, Associate Professor

Journal Paper: Aghazadeh, Sanaz, et al. "CEO Overconfidence and Cost of Equity." *Review of Quantitative Finance and Accounting*. (2018): NA. Web. £

Invited Article/Publication: Yang, Rong, Incheol Kim, and JiWoo Ryou. "The Color of Investors' Money: Institutional Blockholders' Political Values and Corporate Environmental Policies." 2018 AAA Annual Meeting. (2018). Print. £

Invited Article/Publication: Yang, Rong, Matteo Arena, and Bin Wang. "Shareholder Litigation and Tax Avoidance." 2018 AAA Annual Meeting. (2018). Print. £

Invited Article/Publication: Yang, Rong, Sudip Gupta, and Joe Micale. "Unintended Consequences of JOBS Act: Evidence from Auditor Pricing of Emerging Growth Companies." 2018 AAA Annual Meeting. (2018). Print. £

Economics

Steven C Gold, Professor

Journal Paper: Steven, Gold,. "Integrating Volatility and Trend Conditions in the Design of an Effective Stock Market Algorithmic Trading System." *Journal of Applied Financial Research*. (2018): NA. Print. £

Journal Paper: Steven, Gold,. "Stock Market Algorithmic Trading: A Test of Bollinger Bands incorporating the Squeeze Effect and MACD Conditions." *Journal of Applied Financial Research* 1. Spring (2018): 13-28. Print. £

Finance

Chun-keung Hoi, Professor

Journal Paper: Hoi, Chun-Keung (Stan),, Qiang Wu, and Hao Zhang. "Does social capital mitigate agency problems? Evidence from Chief Executive Officer (CEO) compensation." *Journal of Financial Economics*. (2018): NA. Print. £

Journal Paper: Hoi, Chun-Keung (Stan),, Qiang Wu, and Hao Zhang. "Community Social Capital and Corporate Social Responsibility." *Journal of Business Ethics* 152. 3 (2018): 647-665. Print. £

Hao Zhang, Associate Professor

Journal Paper: Shen, Carl Hsin-han and Hao Zhang. "Tournament Incentives and Firm Innovation." *Review of Finance* 22. 4 (2018): 1515-1548. Print. *

Journal Paper: Hsin-han, Carl and Hao Zhang. "Tournament Incentives and Firm Innovation." *Review of Finance* 22. 4 (2018): 1515-1548. Print. £

Journal Paper: Hoi, Chun-Keung (Stan),, Qiang Wu, and Hao Zhang. "Community Social Capital and Corporate Social Responsibility." *Journal of Business Ethics* 152. 3 (2018): 647-665. Print. £

Management

Steven Carnovale, Assistant Professor

Journal Paper: DuHadway, Scott, Steven Carnovale, and Vijay Kannan. "ORGANIZATIONAL COMMUNICATION AND INDIVIDUAL BEHAVIOR: IMPLICATIONS FOR SUPPLY CHAIN MANAGEMENT." *Journal of Supply Chain Management* 54. 4 (2018): 3-19. Print. «

Journal Paper: Carnovale, Steven, Dale S. Rogers, and Sengun Yeniyurt. "Broadening the perspective of supply chain finance: The performance impacts of network power and cohesion." *Journal of Purchasing and Supply Management* in press. in press (2018): in press. Print. «

Journal Paper: Carnovale, Steven, et al. "Unintended Consequences: How Suppliers Compensate for Price Concessions and the Role of Organizational Justice in Buyer-Supplier Relations." *Journal of Business Logistics*. (2018): NA. Print. £

Journal Paper: Carnovale, Steven, Dale S. Rogers, and Sengun Yeniyurt. "Broadening the Perspective of Supply Chain Finance: The Performance Impacts of Network Power and Cohesion." *Journal of Purchasing and Supply Management*. (2018): NA. Print. £

Journal Paper: DuHadway, Scott, Steven Carnovale, and Vijay Kannan. "Organizational Communication and Individual Behavior: Implications for Supply Chain Risk Management." *Journal of Supply Chain Management*. (2018): NA. Print. £

Clyde Hull, Professor

Journal Paper: LUXMORE, STEPHEN R., CLYDE EIRIKUR HULL, and ZHI TANG. "Institutional Determinants of Environmental Corporate Social Responsibility: Are Multinational Entities Taking Advantage of Weak Environmental Enforcement in Lower-Income Nations?" *Business and Society Review* 123. 1 (2018): 151-179. Print. «

Shal Khazanchi, Professor

Journal Paper: Khazanchi, Shalini, et al. "A Spatial Model of Work Relationships: The Relationship-building and Relationship-straining Effect of Work Space Design." *Academy of Management Review*. (2018): NA. Print. £

A Erhan Mergen, Professor

Published Conference Proceedings: Mergen, A. Erhan, Donald S. Holmes, and Murat P. Uysal. "Alternative Methods For Checking The Stability Of The Univariate And Multivariate Process Data Prior To More Advanced Applications." *Proceedings of the The 2018 Northeast Decision Sciences Institute Meeting, Providence, RI*. Ed. Douglas N. Hales. Providence, RI: n.p., Web. «

Published Conference Proceedings: Holmes, Donald S., A. Erhan Mergen, and Murat P. Uysal. "Alternative Methods For Checking The Stability Of The Univariate And Multivariate Process Data Prior To More Advanced Applications." *Proceedings of the The 2018 Northeast Decision Sciences Institute Meeting Proceedings, Providence, RI, April 12-14, 2018*. Ed. NA. Providence, RI: n.p., Web. £

AS A DATA SCIENTIST AND BUSINESS ANALYTICS RESEARCHER IN INFORMATION SYSTEMS AREA, DR. YU ALWAYS CONSIDERS THE NATURE OF INFORMATION SYSTEMS IS, IN ESSENCE, HELPING PEOPLE MAKE DECISIONS MORE EFFICIENTLY. HIS CURRENT RESEARCH FOCUS ON EXPLORING BIG DATA TECHNOLOGY TO REDUCE INFORMATION OVERLOAD AND TO SUPPORT THE PROCESS OF DECISION MAKING.

In a recent research project, Dr. Yu and colleagues are forecasting survivorship of startups through social network analysis. The research team collected and rebuilt a huge network includes thousands of startups' Twitter account and millions of tweet/retweet/friend/follower relationships among them. The results show the startup centrality in a global network adversely affects its survivorship and venture capital investment received. In the meanwhile, the centrality within the startup tribe network has a positive impact in terms of less likelihood to announce bankruptcy, longer survival, and more venture capital investment received. The findings have valuable implications for VCs since they could use the identified network positions as a cue to infer startup performance and make decision better.

Measurements of relatedness have been a central building block for research in different business disciplines. However, extant measurement approaches depend too much on noisy classification systems, have strong data requirements, or resort to time consuming primary data collection and analysis. Thus, a lower cost approach is valuable for both academy and industry. In one of projects, Dr. Yu and his coauthors tested and proposed a general method to measure relatedness from unstructured texts based on Word2vec neural network language models. They then presented four empirical tasks that demonstrated the proposed method's ability to classify, measure, and predict directly from unstructured texts. Moreover, results showed that the approach can link across unstructured data from different sources. The empirical findings suggest it is a highly feasible approach to utilize the increasingly available unstructured data or for situations where access to reliable secondary data might not be available. This project thus contributes to the literature on relatedness measurement, and offers an AI based method to expand the research into understudied empirical settings.

Given that information technologies have reshaped the landscapes of various industries, Dr. Yu and colleagues are exploring how artificial intelligent and data science facilitate efficient decision-making across disciplines, such as manufacturing, accounting, hospitality, linguistics, medical science, and decision sciences, etc. Dr. Yu has published extensively in prestigious journals such as Decision Support Systems, European Journal of Information Systems, International Journal of Production Research, Communication of the ACM, Journal of Medical Systems, etc.

YANG YU
ASSISTANT PROFESSOR
SAUNDERS COLLEGE OF BUSINESS

PHOTO BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER



Joy Olabisi, Associate Professor

Journal Paper: Olabisi, J. and K. Lewis. "Within and Between Team Coordination via Transactional Memory Systems and Boundary Spanning." *Group and Organization Management*. (2018): NA. Print. £

Journal Paper: Olabisi, J. and E. Griffin-EL. "Diasporic Synergies: Conceptualizing African Entrepreneurship Based Upon Trans-Local Networks." *Journal of African Business*. (2018): NA. Print. £

Michael Palanski, Associate Professor

Journal Paper: Clapp-Smith, Rachel, et al. "Promoting Identity Development in Leadership Education: A Multi-domain Approach to Developing the Whole Leader." *Journal of Management Education*. (2018): NA. Print. £

Zhi Tang, Associate Professor

Journal Paper: Tang, Zhi and Jintong Tang. "Stakeholder CSR Orientation Congruence, Entrepreneurial Orientation, and Environmental Performance of Chinese SMEs." *British Journal of Management* 29. 4 (2018): 634-651. Print. £

Journal Paper: Luxmore, Steve, Clyde Hull, and Zhi Tang. "Institutional Determinants of Environmental Corporate Social Responsibility: Are Multinational Entities Taking Advantage of Weak Environmental Enforcement in Lower-Income Nations." *Business and Society Review*. (2018): NA. Print. £

Journal Paper: Baron, Robert, Jintong Tang, and Zhi Tang. "Bribes as Entrepreneurial Actions: Why Underdog Entrepreneurs Feel Compelled to use Them." *Journal of Business Venturing* 33. 6 (2018): 679-690. Print. £

Management Information Systems

Quang N Bui, Assistant Professor

Journal Paper: Bui, Quang Neo, et al. "The Productivity Paradox in Health Information Technology." *Communications of the ACM* 61. 10 (2018): 78-85. Print. £

Invited Article/Publication: Bui, Quang Neo, Adelakun Olayele, and Ezekiel Leo. "Information Technology Outsourcing Configurations and Organizational Outcomes." *UK Academy for Information Systems*. (2018). Print. £

Invited Article/Publication: Bui, Quang Neo, et al. "Caring and Coping: Adaptation, Use, and Resistance of Electronic Health Records Systems." *Conference on Health IT and Analytics (CHITA)*. (2018). Print. £

Invited Article/Publication: Bui, Quang Neo, Son Bui, and Khuong L Nguyen. "Leverage Token Economics to Bootstrap an Open A.I. Robotics Development Community." *International Conference on Information Systems - MIS Quarterly Executive Workshop*. (2018). Print. £

Invited Article/Publication: Bui, Quang Neo and Sumantra Sarkar. "The Influence of Health Information Technology on Healthcare Outcomes: A CIMO Based Review." *SIG-Health Symposium, International Conference on Information Systems*. (2018). Print. £

Invited Article/Publication: Bui, Quang Neo and Son Bui. "An Empirical Investigation of Equity-based Crowdfunding Campaigns in the United States." *Workshop on e-Business Conference*. (2018). Print. £

Sean W Hansen, Associate Professor

Journal Paper: Hansen, Sean, et al. "Informed Collaboration in Health Care: An Embedded-cases Study in Geriatric Telepsychiatry." *Information Systems Journal*. (2018): 1-34. Print. £

Journal Paper: Xiao, Xuan, et al. "\"Computing\" Requirements for Open Source Software: A Distributed Cognitive Approach." *Journal of the AIS* 19. 12 (2018): 1217-1252. Print.

Journal Paper: Bui, Quang Neo, et al. "The Productivity Paradox in Health Information Technology." *Communications of the ACM* 61. 10 (2018): 78-85. Print. £

Invited Article/Publication: Bui, Quang Neo, et al. "Caring and Coping: Adaptation, Use, and Resistance of Electronic Health Records Systems." *Conference on Health IT and Analytics (CHITA)*. (2018). Print. £

Invited Article/Publication: Hansen, Sean and A. James Baroody. "Minding the Boundary: Electronic Health Records and the Transformation of U.S. Healthcare Practice." *Hawaii International Conference on SYstem Sciences (HICSS-51)*. (2018). Print. £

Manlu Liu, Associate Professor

Journal Paper: Zhang, Runtong, et al. "Mature or Emerging? The Impact of Treatment-Related Internet Health Information Seeking on Patients' Trust in Physicians." *International Journal of Environmental Research and Public Health* 15. 9 (2018): N/A. Print. £

Journal Paper: Lu, Xinyi, et al. "The Relationship Between Internet Health Information and Patient Compliance Based on Trust: An Empirical Study." *Journal of Medical Internet Research* 20. 8 (2018): N/A. Print. £

Journal Paper: Bui, Quang Neo, et al. "The Productivity Paradox in Health Information Technology." *Communications of the ACM*. (2018): N/A. Print. £

Journal Paper: Bui, Quang Neo, et al. "The Productivity Paradox in Health Information Technology." *Communications of the ACM* 61. 10 (2018): 78-85. Print. £

Invited Article/Publication: Bui, Quang Neo, et al. "Caring and Coping: Adaptation, Use, and Resistance of Electronic Health Records Systems." *Conference on Health IT and Analytics (CHITA)*. (2018). Print. £

Invited Article/Publication: Qiu, ShouFan, Jennifer Xu, and Manlu Liu. "Diffusion of Innovation in Accounting: How have the Big Four been Adopting Blockchain Technology?" *Pre-ICIS SIGBPS 2018 Workshop on Blockchain and Smart Contract*. (2018). Print. £

Invited Article/Publication: Liu, Manlu, et al. "Using Natural Language Processing Approach to Extract Risk Profile from 10-K Filings: Evidence from Audit Opinions on Financial Statement and Internal Control." *The 2018 AAA Annual Meeting*. (2018). Print. £

Qiang Tu, Professor

Journal Paper: Bui, Quang Neo, et al. "The Productivity Paradox in Health Information Technology." *Communications of the ACM* 61. 10 (2018): 78-85. Print. £

Invited Article/Publication: Bui, Quang Neo, et al. "Caring and Coping: Adaptation, Use, and Resistance of Electronic Health Records Systems." *Conference on Health IT and Analytics (CHITA)*. (2018). Print. £

Yang Yu, Assistant Professor

Journal Paper: Yang, Rong, et al. "Corporate Risk Disclosure and Audit Fee: A Text Mining Approach." *European Accounting Review* 27. 3 (2018): 583-594. Print. £

Journal Paper: Li, Pei, Zhangxi Lin, and Yang Yu. "Integrating the Mechanism of Three-part Tariff Pricing to the Provision of Intra-site Search Engine Advertising Services." *International Journal of Production Research* 56. 5 (2018): 1850-1864. Web. £

Marketing

Sorim Chung, Assistant Professor

Journal Paper: Chung, Sorim, Thomas Kramer, and Elaine M. Wong. "Do Touch Interface Users Feel More Engaged? The Impact of Input Device Type on Online Shoppers' Engagement, Affect, and Purchase Decisions." *Psychology and Marketing* 35. 11 (2018): 795-806. Web. £

Invited Article/Publication: Chung, Sorim, Ying Zhu, and Joann Peck. "Horizontal or Vertical? How Browsing Direction Affects Online Shoppers." *SCP*. (2018). Print. £

Deborah Colton, Associate Professor

Journal Paper: Colton, Deborah A. and Sharon P. Poploski. "A Content Analysis of Corporate Blogs to Identify Communications Strategies, Objectives and Dimensions of Credibility." *Journal of Promotion Management*. (2018): N/A. Web. £

Journal Paper: Colton, Deborah A. "Antecedents of Consumer attitudes' Toward Corporate Blogs." *Journal of Research in Interactive Marketing* 12. 1 (2018): 94-104. Web. £

Invited Article/Publication: Colton, Deborah A. "Does Blog Authorship Matter? Corporate and Third-Party Blogs and Brand Attitudes." *Society for Marketing Advances*. (2018). Print. £

Neil Hair, Associate Professor

Invited Article/Publication: Hair, Neil. "Exploring Prospective Students' Ideal Website Experience When Selecting Technical Universities." *Educause 2018*. (2018). Print. £

Invited Article/Publication: Hair, Neil. "Understanding the Value of a Commercial Web Presence. An Exploration of the Factors Determining Ideal Online Business-to-Business Customer Experience." *ICRM 2018*. (2018). Print. £

Invited Article/Publication: Hair, Neil. "Exploring Online Students' Perceptions of Website Customer Experience." *Online Learning Consortium*

Individualized Study

School of Individualized Study

DANIEL W WORDEN, ASSOCIATE PROFESSOR

Shows/Exhibits/Installations: Kubert, Adam. Anatomy of a Comic: The Art of Adam Kubert. By Daniel Worden, Steven Galbraith, and Amelia Hugill-Fontanel. 7 Nov. 2018. Cary Graphic Arts Collection, Wallace Center, RIT, Rochester. Exhibit.

Book Chapter: Worden, Daniel. "Speculative Ecology: Rachel Carson's Environmentalist Documentaries." Remaking Reality: U.S. Documentary Culture after 1945. Ed. Sara Blair, Joseph Entin, and Franny Nudelman. Chapel Hill, NC: U of North Carolina P, 2018. 83-98. Print. *

Book Chapter: Worden, Daniel. "Memoir." American Literature in Transition, 2000-2010. Ed. Rachel Greenwald Smith. New York, NY: Cambridge UP, 2018. 125-37. Print. *

Book Chapter: Worden, Daniel. "Oil and Corporate Personhood: Ida Tarbell's The History of the Standard Oil Company and John D. Rockefeller." Materialism and the Critique of Energy. Ed. Jeff Diamanti and Brent Ryan Bellamy. Chicago, IL: MCM P, 2018. 315-329. Print. *

Published Review: Worden, Daniel. Rev. of Ernest Haycox and the Western, by Richard Etulain. Western American Literature Summer 2018: 261-263. Print. £

Invited Article/Publication: Worden, Daniel, Nicole Burton, and Hugh Goldring. "Social Justice Comics Today: An Interview with the Creators of The Beast: Making a Living on a Dying Planet." Los Angeles Review of Books. (2018). Web. £

External Scholarly Fellowships/National Review Committee:

8/1/2018 -

8/30/2018

Lucy Shelton Caswell Research Award,
Billy Ireland Cartoon Library & Museum, The
Ohio State University
Amount: \$2500

£

Invited Keynote/Presentation: Worden, Daniel. "Zap and the Underground Archive." Canadian Society for the Study of Comics Annual Conference. Toronto Comic Arts Festival. Toronto, ON. 10 May 2018. Conference Presentation. £

Invited Keynote/Presentation: Worden, Daniel. "Oil Comics: Corporate Relations, Speculation, and Climate Change." Petrocultures 2018. University of Glasgow. Glasgow, UK. 29 Aug. 2018. Conference Presentation. £

Invited Keynote/Presentation: Worden, Daniel. "Oil Comics: Corporate Relations, Speculation, and Climate Change." CXC Scholarly Symposium. The Ohio State University. Columbus, OH. 27 Sep. 2018. Conference Presentation. £

Invited Keynote/Presentation: Worden, Daniel. "Caricatures of History: Texas History Movies and the Politics of Educational Comics." Modernist Studies Association Conference. The Ohio State University. Columbus, OH. 8 Nov. 2018. Conference Presentation. £

DANIEL WORDEN IS AN AWARD-WINNING SCHOLAR OF AMERICAN CULTURE. IN HIS WORK, HE SEEKS TO UNDERSTAND HOW ART, COMICS, FILM, LITERATURE, MUSIC, AND TELEVISION EMERGE FROM, REFLECT, AND ENVISION POSSIBILITIES BEYOND THEIR ECONOMIC, POLITICAL, AND SOCIAL MOMENTS. IN RECENT YEARS, HE HAS WRITTEN ABOUT HOW COMICS HAVE A UNIQUE AESTHETIC HISTORY THAT IS DIFFERENT FROM THE RELATED HISTORIES OF FINE ART AND LITERATURE, THE ROLES THAT DOCUMENTARY FILMS AND LITERARY JOURNALISM HAVE PLAYED IN THE EMERGENCE OF ENVIRONMENTALIST POLITICS IN THE UNITED STATES, AND THE CULTURAL STYLES THAT EMERGED IN THE 1960S AND 1970S ALONGSIDE THE NEOLIBERAL IDEOLOGY OF THE FREE MARKET.

Daniel Worden's recent publications, grants, and conference presentations are all a part of three larger research projects. The first is a book-length work about documentary aesthetics across media, and how documentary forms have represented neoliberal tactics such as privatization, criminalization, and dispossession. The second is an edited volume about the comics of Robert Crumb, one of the most iconic and controversial cartoonists of the 20th and 21st centuries. This volume will seek to provide the first comprehensive, well-rounded account of Crumb's comics, his role in the art world, and the thorny political and social dimensions of his work. Finally, he is at work on a new book-length project that seeks to document the connections, both literal and thematic, between the modern medium of comics and modern energy culture, consolidated around petroleum.

Daniel Worden values the ability to write not just for academic venues, but also for broader public sites as well. In 2018, he co-curated an exhibit of the comics art of RIT alum Adam Kubert, at RIT's Cary Graphic Arts Collection, and he continued to write for the Los Angeles Review of Books. Ranging from comics studies and cultural studies, to economic policy and climate change, Daniel Worden strives to make visible how the humanities can contribute not just to academic understandings of our time, but also to public conversations about what matters to us today.

DANIEL WORDEN
ASSISTANT PROFESSOR
SCHOOL OF INDIVIDUALIZED STUDY

