

2016 FACULTY SCHOLARSHIP REPORT

DESIGN AND LAYOUT

Nick Paulus

BreAnna Bugbee

PHOTOGRAPHY

Elizabeth Torgerson-Lamark/RIT

PUBLISHED BY

The Wallace Center - RIT Open Access Publishing

OFFICE OF THE PROVOST

www.rit.edu/provost/

TABLE OF CONTENTS

LETTER FROM THE PROVOST	3
B. THOMAS GOLISANO COLLEGE OF COMPUTING & INFORMATION SCIENCES	4
COLLEGE OF APPLIED SCIENCE & TECHNOLOGY	26
COLLEGE OF HEALTH SCIENCES & TECHNOLOGY	36
COLLEGE OF IMAGING ARTS & SCIENCES	42
COLLEGE OF LIBERAL ARTS	52
COLLEGE OF SCIENCE	74
SAUNDERS COLLEGE OF BUSINESS	94
GOLISANO INSTITUTE FOR SUSTAINABILITY	102
KATE GLEASON COLLEGE OF ENGINEERING	112
NATIONAL TECHNICAL INSTITUTE FOR THE DEAF	140
OTHER DEGREE GRANTING UNITS	160

MESSAGE FROM THE PROVOST

RIT is now ranked among the best and brightest of the nation's universities. The Carnegie Classification of Institutions of Higher Education moved RIT to a doctoral university status in 2016, due to the rapidly growing number of Ph.D. degrees awarded each year.

This comes as no surprise to the faculty and students engaged in research, pedagogical undertakings and scholarly activities at RIT. The scholarly efforts within this report continue to have a profound impact within our local communities, the industries we collaborate with, and the world. This work, which ranges from making our university and our communities more sustainable, to understanding the very fabric of our universe, engages students in ways which prepare them for our ever-changing world.

The growth of our research and scholarship is guided by our vision for the future, where imagination and the application of interdisciplinary skills will place our faculty and our students at the forefront of the global economy. The ever-growing body of research, scholarship and creative works generated by our faculty benefits our students, our programs, and our industry partners in a multitude of ways. Our recent progress is a clear indicator that we are moving ever closer to our vision of making RIT a pre-eminent student-centered research university.

The connections made by RIT faculty engaged in this important work establish new opportunities for our students, and prepare them for the next stage of their careers. It is through these diverse scholarly pursuits that students and faculty are able to collaborate across international borders, and bring new insights and perspectives to their work. It is with great pride that I present this report highlighting our faculty's scholarly achievements during 2016.



JEREMY HAEFNER, PH.D.

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



COMPUTER SCIENCE

Reynold J Bailey, Associate Professor

Published Conference Proceedings: Bennett, Justin, et al. "Looking at Faces: Autonomous Perspective Invariant Facial Gaze Analysis." Proceedings of the ACM SIGGRAPH Symposium on Applied Perception, July 2016, Anaheim CA. Ed. Reynold Bailey and Laura Trutoiu. New York, NY: ACM, Web. «

Published Conference Proceedings: Pieszala, James, et al. "3D Gaze point Localization and Visualization Using LiDAR-based 3D Reconstructions." Proceedings of the ACM Symposium on Eye Tracking Research and Applications, March 2016, Charleston SC. Ed. Roman Bednarik and Frederick Shic. New York, NY: ACM, Web. «

Published Conference Proceedings: Sridharan, Srinivas, et al. "Gaze Guidance for Improved Password Recollection." Proceedings of the ACM Symposium on Eye Tracking Research and Applications, March 2016, Charleston SC. Ed. Roman Bednarik and Frederick Shic. New York, NY: ACM, Web. «

Published Conference Proceedings: Kothari, Rakshit, et al. "Novel Apparatus for Investigation of Eye Movements When Walking in the Presence of 3D Projected Obstacles." Proceedings of the ACM Symposium on Eye Tracking Research and Applications, March 2016, Charleston SC. Ed. Roman Bednarik and Frederic Shic. New York, NY: ACM, Web. «

Peer Reviewed/Juried Poster Presentation: Kothari, Rakshit, et al. "The Influence of Biomechanics on Visual Attention while Walking." Proceedings of the Vision Sciences Society Annual Meeting, May 2016, St. Pete Beach, FL. Ed. Dennis Levi. Novato, CA: n.p.. *

Peer Reviewed/Juried Poster Presentation: Simon, Daniel, et al. "Automatic Scanpath Generation with Deep Recurrent Neural Networks." Proceedings of the ACM SIGGRAPH Symposium on Applied Perception, July 2016, Anaheim CA. Ed. Reynold Bailey and Laura Trutoiu. New York, NY: ACM. «

Peer Reviewed/Juried Poster Presentation: Sridharan, Srinivas and Reynold Bailey. "Saliency and Optical Flow for Gaze Guidance in Videos." Proceedings of the ACM SIGGRAPH Symposium on Applied Perception, July 2016, Anaheim CA. Ed. Reynold Bailey and Laura Trutoiu. New York, NY: ACM. «

Hans-Peter Bischof, Professor

Published Conference Proceedings: Cerrah, Tolga and Hans-Peter Bischof. "Advl: A Visualization Language for Dynamic Visualization." Proceedings of the 2016 Conference on Modeling, Simulations and Visualization Methods. Ed. Hamid R. Arabnia. Las Vegas, NV: n.p., 2016. Print. *

Published Conference Proceedings: Steven, Wardwell and Hans-Peter Bischof. "Distributed Collaborative Caching." Proceedings of the Conference on Parallel and Distributed Processing Techniques and Applications. Ed. Hamid R. Arabnia. Las Vegas, NV: NV, 2016. Print. *

Published Conference Proceedings: Cerrah, Tolga and Hans-Peter Bischof. "Advl: A Visualization Language for Dynamic Visualization." Proceedings of the 2016 Conference on Modeling, Simulations and Visualization Methods. Ed. Hamid R. Arabnia. Las Vegas, NV: n.p., 2016. Print. *

Zachary Butler, Associate Professor

Journal Paper: Butler, Zack. "Mazes: Not Just For Kids." ACM Inroads 7. 3 (2016): 72. Print. *

Matthew Fluet, Assistant Professor

Published Conference Proceedings: Le, Matthew, Ryan Yates, and Matthew Fluet. "Revisiting Software Transactional Memory in Haskell." Proceedings of the Haskell'16: Proceedings of the 9th International Symposium on Haskell; September 22-23, 2016, Nara, Japan. Ed. Geoffrey Mainland. New York, NY: ACM, 2016. Web. *

Joe Geigel, Professor

Published Conference Proceedings: Caputo, Felipe, et al. "Farewell to Dawn: A Mixed Reality Dance Performance in a Virtual Space." Proceedings of the ACM SIGGRAPH 2016 Posters (SIGGRAPH '16). Ed. Rachel Albert. New York, NY: ACM, Print. *

Published Conference Proceedings: Geigel, Joe, et al. "PULSE: An Infrastructure for Collection of Audience Heartbeats for Music Visualization." Proceedings of the 2016 IEEE International Conference on Pervasive Computing and Communication Workshops (PerCom Workshops). Ed. Max Mühlhäuser. Sydney,, NSW: IEEE, Print. £

Published Conference Proceedings: McGowen, Victoria and Joe Geigel. "Automatic Blend Shape Creation for Facial Motion Capture." Proceedings of the ACM SIGGRAPH 2016 Posters (SIGGRAPH '16). Ed. Rachel Albert. New York, NY: ACM, Print. * £

Published Conference Proceedings: Hollenbach, Andrew, Matthew Cox, and Joe Geigel. "A Dynamic 3D Performance Space for Control of Virtual Musical Instruments." Proceedings of the Proceedings of the 2016 ACM on Interactive Surfaces and Spaces (ISS '16). Ed. Simon Völker. New York, NY: ACM, Print. * £

Edith Hemaspaandra, Professor

Journal Paper: Hemaspaandra, E., L. Hemaspaandra, and J. Rothe. "The Complexity of Online Voter Control in Sequential Elections." Journal of Autonomous Agents and Multi-Agent Systems. (2016): 1-22. Web. *

Journal Paper: Fitzsimmons, Z., E. Hemaspaandra, and L. Hemaspaandra. "Manipulation of Same-System Runoff Elections." Annals of Mathematics and Artificial Intelligence 77. 3-4 (2016): 159-189. Print. *

Book Chapter: Caragiannis, I., E. Hemaspaandra, and L. Hemaspaandra. "Dodgson's Rule and Young's Rule." Handbook of Computational Social Choice. Cambridge, England: Handbook of Computational Social Choice, 2016. 103-126. Print. *

Published Conference Proceedings: Hemaspaandra, E. and H. Schnoor. "Dichotomy for Pure Scoring Rules Under Manipulative Electoral Actions." Proceedings of the 22nd European Conference on Artificial Intelligence (ECAI 2016). Ed. . the Hague, the Netherlands: n.p., 2016. Web. «

Published Conference Proceedings: Fitzsimmons, Z. and E. Hemaspaandra. "Modeling Single-Peakedness for Votes with Ties." Proceedings of the Eighth European Starting AI Researcher Symposium (STAIRS 2016). Ed. . the Hague, the Netherlands: n.p., 2016. Web. «

Christopher M Homan, Associate Professor

Published Conference Proceedings: Terkik, A, et al. "Analyzing Gender Bias in Student Evaluations." Proceedings of the Proceedings of COLING 2016, the 26th International Conference on Computational Linguistics. Ed. COLING. Osaka, Japan: The COLING 2016 Organizing Committee, 2016. Web. *

Published Conference Proceedings: Liu, Tong, et al. "Understanding Discourse on Work and Job-Related Well-Being in Public Social." Proceedings of the The 54th Annual Meeting of the Association for Computational Linguistics Berlin, Germany. Ed. ACL. Berlin, Germany: n.p., 2016. Web. *

FEATURED FACULTY

MATT HUENERFAUTH IS AN ASSOCIATE PROFESSOR IN THE DEPARTMENT OF INFORMATION SCIENCES AND TECHNOLOGIES IN THE GOLISANO COLLEGE OF COMPUTING AND INFORMATION SCIENCES.

His research spans human computer interaction and natural language processing, and he is the editor-in-chief of the leading journal in his field of computer accessibility for people with disabilities. He has secured over \$2.5 million in research funding, including a National Science Foundation CAREER Award in 2008.

His laboratory includes both deaf and hearing students; they conduct projects investigating the design of linguistic technologies to benefit people who are deaf or hard-of-hearing.

Animations of American Sign Language (ASL): While many members of the Deaf Community prefer to receive information in the form of ASL, providing ASL on the web has been a challenge because videos of humans are difficult to update and maintain. Huenerfauth's team is developing software to convert an easy-to-update script of an ASL sentence into a computer animation. By modeling the way that humans move during ASL (from motion-capture recordings his team has collected), their technology can produce more realistic animations of ASL, which they evaluate in studies with deaf participants.

Educational Tools for ASL Students: Huenerfauth's lab is creating a tool that would allow students who are learning ASL to practice their signing skills by performing ASL into a Kinect video camera, and the software would automatically provide feedback on their signing, to indicate when they have performed specific linguistic elements or common errors.

Automatic Captioning for Meetings: In collaboration with NTID researchers, Huenerfauth's lab is investigating how automatic speech recognition technology could be used to produce captions automatically for one-on-one or small-group meetings between deaf and hearing participants. His team is examining how to improve the accuracy of these captions and how to indicate which words in the output are more trustworthy.

Matt Huenerfauth

Associate Professor

Golisano College of Computing and Information Sciences



Published Conference Proceedings: Cheng, Qijin, Tong Liu, and Christopher M. Homan. "Changes in Online Discourse of Suicide and Prevention After Robin Williams' Death." Proceedings of the Asia Pacific Regional Conference of the International Association for Suicide Prevention. Ed. Unknown. Tokyo, Japan: n.p., Web. *

Published Conference Proceedings: Lee, Sang Won, et al. "Creating Interactive Behaviors in Early Sketch by Recording and Remixing Demonstrations." Proceedings of the Human Computation. Ed. Unknown. Québec City, Canada: HCOMP, Web. *

Alan Kaminsky

Full Patent: Kurdziel, Michael, et al. "Customizable encryption algorithm based on a sponge construction with authenticated and non-authenticated modes of operation." U.S. Patent 9,438,416. 6 Sep. 2016.

Published Conference Proceedings: Werner, Gordon, et al. "Implementing Authenticated Encryption Algorithm MK-3 on FPGA." Proceedings of the IEEE Military Communications Conference 2016 (MILCOM 2016), Baltimore, MD, USA, November 2016. Ed. Jerry Brand. Baltimore, MD: IEEE, 2016. Web. £

Mohan J Kumar, Professor

Journal Paper: Eary, Chance, Mohan Kumar, and Gergely Zaruba. "Delay Tolerant Lazy Release Consistency for Distributed Shared Memory in Opportunistic Networks." Pervasive and Mobile Computing 29. 7 (2016): 57-72. Print. ~

Published Conference Proceedings: Nguyen, Thanh-Binh, et al. "Learning Multifaceted Latent Activities from Heterogeneous Mobile Data." Proceedings of the Data Science and Advanced Analytics (DSAA), 2016 IEEE International Conference on, 17-19 Oct. 2016, Montreal, Canada. Ed. IEEE. Piscataway, New Jersey: IEEE, 2016. Web. ~

Minseok Kwon, Associate Professor

Journal Paper: Kim, Kwangsoo, et al. "Dynamic Vehicular Route Guidance Using Traffic Prediction Information." Mobile Information Systems, Special Issue on Advanced Technologies for Mobile IoT and Cyber-Physical Systems. (2016): 11. Web. *

Published Conference Proceedings: Kwon, Minseok, Pedro Reviriego, and Salvatore Pontarelli. "A length-aware cuckoo filter for faster IP lookup." Proceedings of the IEEE INFOCOM Workshops. Ed. N/A. San Francisco, CA: IEEE, 2016. Web. *

Published Conference Proceedings: Geigel, Joe, et al. "PULSE: An Infrastructure for Collection of Audience Heartbeats for Music Visualization." Proceedings of the IEEE PerCom. Ed. N/A. Sydney, Australia: IEEE, 2016. Web. *

Cristian A Linte, Assistant Professor

Published Conference Proceedings: N, Ben-Zikri YK, Helguera M, Fetzter D, Linte CA and Cahill. "Comparison of Lesion-centered vs. Lung-centered Registration for Nodule Assessment from Lung CT Images." Proceedings of the Proc. IEEE Western NY Image Signal Process - Rochester NY Dec. 2015. Ed. R Ptucha, N Cahill, CA Linte and B Ghoraani. Piscataway, NJ: IEEE, 2016. Web. *

Xumin Liu, Assistant Professor

Peer Reviewed/Juried Poster Presentation: Liu, Xumin, Rajendra Raj, Alex Pantaleev, Chunmei Liu. "Incorporating Service-Oriented Programming into the Computer Science Curriculum using Course Modules." Proceedings of the Envisioning the Future of Undergraduate STEM Education (EnFUSE): Research and Practice. Ed. N/A. Washington, DC: American Association for the Advancement of Science (AAAS) and the National Science Foundation's Division of Undergraduate Education. Δ

Published Conference Proceedings: Liu, Xumin, Rajendra K. Raj, Alex Pantaleev, Chunmei Liu. "Incorporating Service-Oriented Programming into the Computer Science Curriculum." Proceedings of the 2016 ASEE Annual Conference & Exposition. Ed. N/A. New Orleans, LA: ASEE, 2016. Print. Δ

Published Conference Proceedings: Rahman, Md Shahinur, Chen Ding, Xumin Liu, Chi-Hung Chi. "A Testbed for Collecting QoS Data of Cloud-Based Analytic Services." Proceedings of the 9th IEEE International Conference on Cloud Computing. Ed. Ian Foster and Nimish Radia. San Francisco, CA: IEEE, 2016. Print. *

Published Conference Proceedings: Jain, Navati, Chen (Cherie) Ding, and Xumin Liu. "Data-Dependent QoS-Based Service Selection." Proceedings of the 14th International Conference on Service-Oriented Computing. Ed. Quan Z. Sheng, Eleni Stroulia, Samir Tata, Sami Bhiri. Benff, AB: Springer, 2016. Print. *

Published Conference Proceedings: Liu, Xumin, Shaleen Agarwal, Chen (Cherie) Ding, Qi Yu. "An LDA-SVM Active Learning Framework for Web Service Classification." Proceedings of the IEEE International Conference on Web Services. Ed. Stephan Reiff-Marganiec. San Francisco, CA: IEEE, 2016. Print. *

Published Conference Proceedings: Bullard, Joseph, Cecilia Ovesdotter Alm, Xumin Liu, Qi Yu, Rubén A. Proaño. "Towards Early Dementia Detection: Fusing Linguistic and Non-Linguistic Clinical Data." Proceedings of the the 3rd Workshop on Computational Linguistics and Clinical Psychology: From Linguistic Signal to Clinical Reality. Ed. Kristy Hollingshead, Lyle H. Ungar. San Diego, CA: Association for Computational Linguistics (ACL), 2016. Print. *

Stanislaw Radziszowski, Professor

Journal Paper: Lange, Alexander, Ivan Livinsky, and Stanislaw Radziszowski. "Computation of the Ramsey Numbers $R(C_4, K_9)$ and $R(C_4, K_{10})$." Journal of Combinatorial Mathematics and Combinatorial Computing 97. (2016): 139-154. Print. \pounds

Journal Paper: Dybizbański, Janusz, Tomasz Dzido, and Stanislaw Radziszowski. "On Some Three-Color Ramsey Numbers for Paths." Discrete Applied Mathematics 204. (2016): 133-141. Print. \pounds

Journal Paper: Furmańczyk, Hanna, Marek Kubale, and Stanislaw Radziszowski. "On Bipartization of Cubic Graphs by Removal of an Independent Set." Discrete Applied Mathematics 209. (2016): 115-121. Print. \pounds

Journal Paper: Zhu, Rujie, Xiaodong Xu, and Stanislaw Radziszowski. "A Small Step Forwards on the Erdős-Sós Problem Concerning the Ramsey Numbers $R(3,k)$." Discrete Applied Mathematics 214. (2016): 216-221. Print. \pounds

Published Conference Proceedings: Hu, Peizhao, et al. "Evaluation of Homomorphic Primitives for Computations on Encrypted Data for CPS Systems." Proceedings of the IEEE Smart City Security and Privacy, CPS Week'16 workshop, Vienna, Austria. Ed. IEEE. Vienna, Austria: IEEE, 2016. Web. \pounds

Published Conference Proceedings: Hu, Peizhao, et al. "Homomorphic Proximity Computation in Geosocial Networks." Proceedings of the Fourth IEEE International Workshop on Security and Privacy in Big Data, BigSecurity INFOCOM'16 workshop, San Francisco, CA. Ed. IEEE. San Francisco, CA: n.p., 2016. Web. \pounds

Published Conference Proceedings: Tran, Xuan, Marcin Lukowiak, and Stanisław Radziszowski. "Effectiveness of Variable Bit-Length Power Analysis Attacks on SHA-3 Based MAC." Proceedings of the MILCOM'2016, Baltimore MD, November 2016. Ed. MILCOM. Baltimore, MD: n.p., 2016. Web. £

Published Conference Proceedings: Werner, Gordon, et al. "Implementing Authenticated Encryption Algorithm MK-3 on FPGA." Proceedings of the MILCOM'2016, Baltimore MD, November 2016. Ed. MILCOM. Baltimore, MD: n.p., 2016. Web. £

Book Chapter: Xu, Xiaodong and Stanisław Radziszowski. "On Some Open Questions for Ramsey and Folkman Numbers." Graph Theory, Favorite Conjectures and Open Problems. Ed. Ralucca Gera, Stephen Hedetniemi, and Craig Larson. Switzerland, Switzerland: Springer, 2016. 43-62. Print. Δ

Full Patent: Kurdziel, Michael, et al. "Customizable Encryption Algorithm Based on a Sponge Construction with Authenticated and Non-authenticated Modes of Operation." U.S. Patent 9,438,416. 6 Sep. 2016.

Published Review: Radziszowski, Stanisław. "MR3480561." Rev. of On the Ramsey Number of the Triangle and the Cube, by American Mathematical Society. Mathematical Reviews, MathSciNet 26 Sep. 2016: MR3480561. Web.

Published Review: Radziszowski, Stanisław. "MR3379536." Rev. of On the vertex Folkman numbers $F_v(2, \dots, 2r; r-1)$ and $F_v(2, \dots, 2r; r-2)$, by American Mathematical Society. Mathematical Reviews, MathSciNet 12 Feb. 2016: MR3379536. Web.

Rajendra Raj, Professor

Peer Reviewed/Juried Poster Presentation: Liu, Xumin, et al. "Incorporating Service-Oriented Programming into the Computer Science Curriculum using Course Modules." Proceedings of the Envisioning the Future of Undergraduate STEM Education (EnFUSE): Research and Practice. Ed. N/A. Washington, DC: American Association for the Advancement of Science (AAAS) and the National Science Foundation's Division of Undergraduate Education. Δ

Published Conference Proceedings: Liu, Xumin, et al. "Incorporating Service-Oriented Programming into the Computer Science Curriculum." Proceedings of the 2016 ASEE Annual Conference & Exposition. Ed. N/A. New Orleans, LA: ASEE, 2016. Print. *

Published Conference Proceedings: Alshehri, Suhair, Sumita Mishra, and Rajendra K. Raj. "Using Access Control to Mitigate Insider Threats to Healthcare Systems." Proceedings of the 2016 IEEE International Conference on Healthcare Informatics (ICHI),. Ed. Wai-Tat Fu, et al. Chicago, IL: IEEE, 2016. Print. *

Published Conference Proceedings: Mishra, Sumita, et al. "A Modular Approach to Teaching Critical Infrastructure Protection Concepts to Engineering, Technology and Computing Students." Proceedings of the 2016 IEEE Frontiers in Education Conference (FIE). Ed. Steve Frezza and Dipo Onipede. Erie, PA: IEEE, 2016. Print. *

Published Conference Proceedings: Schneider, Jennifer, et al. "Mapping a Community Resilience Management System: Building Operational Knowledge." Proceedings of the 2016 IEEE Symposium on Technologies for Homeland Security (HST). Ed. Lance Fiondella and Kenneth Crowther. Boston, MA: IEEE, 2016. Print. *

Published Conference Proceedings: Romanowski, Carol, et al. "Response and Recovery: A Quantitative Approach to Emergency Management." Proceedings of the 2016 IEEE Symposium on Technologies for Homeland Security (HST). Ed. Lance Fiondella and Kenneth Crowther. Boston, MA: IEEE, 2016. Print. *

Published Conference Proceedings: Romanowski, Carol, et al. "A Multidisciplinary Predictive Model for Managing Critical Infrastructure Disruptions." Proceedings of the Critical Infrastructure Protection X: 10th IFIP WG 11.10 International Conference, ICCIP 2016. Ed. Mason Rice and Sujeet Sheno. Arlington, VA: Springer International Publishing, 2016. Print. *

Carlos Rafael Rivero Osuna

Journal Paper: Rivero, Carlos R., et al. "Mapping RDF Knowledge Bases Using Exchange Samples." Knowl.-Based Syst.. (2016): 47-66. Web. *

Journal Paper: Hernández, Inma, et al. "CALA: CAssifying Links Automatically based on their URL." Journal of Systems and Software. (2016): 130-143. Web. *

Published Conference Proceedings: Jagadeesan, Yogesh, Peizhao Hu, and Carlos R. Rivero. "PLOMaR: An Ontology Framework for Context Modeling and Reasoning on Crowd-sensing Platform." Proceedings of the PerCom Workshops. Ed. ?. Sydney, -: n.p., Web. *

Published Conference Proceedings: Cimmino, Andrea, Carlos R. Rivero, and David Ruiz. "Improving Link Specifications using Context-Aware Information." Proceedings of the LDOW@WWW. Ed. ?. Montreal, -: n.p., Web. *

Carol J Romanowski, Associate Professor

Published Conference Proceedings: Mishra, S., et al. "A Modular Approach to Teaching Critical Infrastructure Protection Concepts to Engineering, Technology and Computing students." Proceedings of the Frontiers in Education 2016. Ed. IEEE. Erie, PA: IEEE, Print. *

Published Conference Proceedings: Schneider, J, et al. "Mapping a Community Resilience Management System: Building Operational Knowledge." Proceedings of the IEEE Symposium on Technologies for Homeland Security (HST 2016, Waltham MA). Ed. IEEE. Boston, MA: IEEE, Web. *

Published Conference Proceedings: Romanowski, C., et al. "Response and Recovery: A Quantitative Approach to Emergency Management." Proceedings of the IEEE Symposium on Technologies for Homeland Security (HST 2016, Waltham MA). Ed. IEEE. Boston, MA: IEEE, Web. *

Published Conference Proceedings: Romanowski, C., et al. "The Community as Responder: A Multidisciplinary Predictive Model for Managing Critical Infrastructure Disruptions." Proceedings of the Tenth Annual IFIP WG 11.10 International Conference on Critical Infrastructure Protection, Arlington, Virginia. March 2016. Ed. Mason Rice, Sujeet Sheno. Arlington, VA: Springer, Print. *

Richard Zanibbi, Associate Professor

Journal Editor: Zanibbi, Richard, ed. IET Computer Vision. London, UK: IET, 2016. Print. *

Journal Editor: Zanibbi, Richard, ed. Int'l J. Document Analysis and Recognition. Berlin, Germany: Springer, 2016. Print. *

National/International Competition Award Winner: Hu, Lei and Richard Zanibbi. International Association for Pattern Recognition (IAPR). IAPR Int'l. Conf. Frontiers in Handwriting Recognition: 2016 Best Poster Award. Shenzhen, China, 2016.

Published Game, Application or Software: Davila, Kenny, et al. Tangent 0.3.1. Software. Publicly released prototype (available online). 2016.

Journal Paper: Kanadje, Manish, et al. "Assisted Keyword Indexing for Lecture Videos Using Unsupervised Keyword Spotting." *Pattern Recognition Letters* 71. 1 (2016): 8-15. Print. *

Journal Paper: Riedl, Christoph, et al. "Detecting Figures and Part Labels in Patents: Competition-based Development of Graphics Recognition Algorithms." *Int'l J. Document Analysis and Recognition* 19. 2 (2016): 155-172. Print. *

Journal Paper: Mouchere, Harold, et al. "Advancing the State-of-the-Art for Handwritten Math Recognition: The CROHME Competitions, 2011-2014." *Int'l J. Document Analysis and Recognition* 19. 2 (2016): 173-189. Print. *

Journal Paper: Hu, Lei and Richard Zanibbi. "MST-based Visual Parsing of Online Handwritten Mathematical Expressions." *Int'l Conf. Frontiers in Handwriting Recognition*. (2016): 337-342. Print. *

Journal Paper: Hu, Lei and Richard Zanibbi. "Line-of-sight Stroke Graphs and Parzen Shape Context features for Handwritten Math Formula Representation and Symbol Segmentation." *Int'l Conf. Frontiers in Handwriting Recognition*. (2016): 180-186. Print. *

Journal Paper: Mouchere, Harold, et al. "ICFHR 2016 CROHME: Competition on Recognition of Online Handwritten Mathematical Expressions." *Int'l Conf. Frontiers in Handwriting Recognition*. (2016): 607-612. Print. *

Journal Paper: Zanibbi, Richard, et al. "Multi-stage Math Formula Search: Using Appearance-based Similarity Metrics at Scale." *Proc. ACM SIGIR*. (2016): 145-154. Print. «

Journal Paper: Zhu, Siyu and Richard Zanibbi. "A Text Detection System for Natural Scenes with Convolutional Feature Learning and Cascaded Classification." *Proc. Computer Vision and Pattern Recognition (CVPR)*. (2016): 625-632. Print. «

Journal Paper: Zanibbi, Richard, et al. "NTCIR-12 MathIR task overview." *Proc. NTCIR-12*. (2016): 299-308. Web. Δ

Invited Paper: Davila, Kenny, et al. "Tangent-3 at the NTCIR-12 MathIR Task." *Proc. NTCIR-12*. (2016). Web. £

DEPARTMENT OF COMPUTING SECURITY

Daryl G Johnson, Associate Professor

Published Conference Proceedings: Johnson, Matthew R, Peter H Lutz, and Daryl G Johnson. "Covert Channel using Man-In-The-Middle over HTTPS." *Proceedings of the The 2016 International Conference on Computational Science and Computational Intelligence(CSCI'16)(2016, December)*. Ed. Unknown. Las Vegas, NV: n.p., 2016. Print. *

Journal Paper: Heard, Timothy and Daryl G Johnson. "An Extended Discussion on a High-Capacity Covert Channel for the Android Operating System." *International Journal of Computing* 15. 3 (2016): 191-199. Web. Δ

Published Conference Proceedings: Heilman, Susan, Jonathan Williams, and Daryl G Johnson. "Covert Channel in HTTP User-Agents." *Proceedings of the 11th Annual Symposium on Information Assurance (ASIA'16) (2016, June)Albany, NY USA*. Ed. Sanjay Goel. Albany, NY: n.p., 2016. Web. £

Published Conference Proceedings: Waggoner, Jonathan, William Stackpole, and Daryl G Johnson. "A Hands-On Approach to Computing Security Education: Metasploit Module Development." *Proceedings of the The 20th Colloquium for Information Systems Security Education (CISSE2016) (Philadelphia, PA, USA 2016)*. Ed. ?. Philadelphia, PA: n.p., 2016. Web. «

Published Conference Proceedings: Daneault, Gregory and Daryl G Johnson. "Client-Initiated HTTP Covert Channels Using Relays." Proceedings of the The 4th International Symposium on Digital Forensic and Security (ISDFS)'2016) (p.32-37) (Little Rock, Arkansas-April 2016)Best Student Paper Award. Ed. Pirooska Haller. Little Rock, AK: n.p., 2016. Print. «

Published Conference Proceedings: Bogaard, Dan, et al. "Producing and Evaluating Crowdsourced Computer Security Attack Trees." Proceedings of the 2016 IEEE International Symposium on Technologies for Homeland Security(HST)'2016) (Waltham, Ma-May 2016). Ed. Claire Applegarth & Mark Peters. Waltham, MA: n.p., 2016. Print. *

Sumita Mishra, Associate Professor

Published Conference Proceedings: Lipton, Ben and Sumita Mishra. "Formalizing Anonymity-Delay Tradeoffs in Smart Grid Networks." Proceedings of the 4th IEEE International Conference on Smart Energy Grid Engineering. Ed. IEEE. Oshawa, Canada: n.p., 2016. Print. *

Published Conference Proceedings: Afrin, Sabrina and Sumita Mishra. "An Anonymized Authentication Framework for Smart Metering Data Privacy." Proceedings of the 2016 IEEE Power & Energy Society Innovative Smart Grid Technologies Conference (ISGT). Ed. IEEE. Minneapolis, MN: n.p., 2016. Print. *

Published Conference Proceedings: Schneider, Jennifer, Carol Romanowski, Rajendra Raj, Sumita Mishra, Jonathan Aleckna, and Kaiyue Wang. "Mapping a Community Resilience Management System: Building Operational Knowledge." Proceedings of the 2016 IEEE Symposium on Technologies for Homeland Security (HST). Ed. Lance Fiondella, Kenneth Crowther. Boston, MA: IEEE, 2016. Print. *

Published Conference Proceedings: Romanowski, Carol, Jennifer Schneider, Sumita Mishra, Rajendra Raj, Rossi Rosario, Kent Stein and Bhargav Solanki. "Response and Recovery: A Quantitative Approach to Emergency Management." Proceedings of the 2016 IEEE Symposium on Technologies for Homeland Security (HST). Ed. Lance Fiondella, Kenneth Crowther. Boston, MA: IEEE, 2016. Print. *

Published Conference Proceedings: Romanowski, Carol, Rajendra Raj, Jennifer Schneider, Sumita Mishra, Bernard Brooks, Jessica Pardee, Bharat Bhole, Nikolaus Robalino,. "A Multidisciplinary Predictive Model for Managing Critical Infrastructure Disruptions." Proceedings of the Critical Infrastructure Protection X: 10th IFIP WG 11.10 International Conference, ICCIP 2016. Ed. Mason Rice, Sujeet Sheno. Arlington, VA: Springer International Publishing, 2016. Print. *

Published Conference Proceedings: Alshehri, Suhair, Sumita Mishra, Rajendra K. Raj,. "Using Access Control to Mitigate Insider Threats to Healthcare Systems." Proceedings of the 2016 IEEE International Conference on Healthcare Informatics (ICHI). Ed. Wai-Tat Fu, Larry Hodges, Kai Zheng, Gregor Stiglic, Ann Blandford. Chicago, IL: IEEE, 2016. Print. *

Published Conference Proceedings: Mishra, Sumita, Trudy Howles, Rajendra K. Raj, Carol J. Romanowski, Jennifer Schneider, Alicia McNett, Daryl J. Dates,. "A Modular Approach to Teaching Critical Infrastructure Protection Concepts to Engineering, Technology and Computing Students." Proceedings of the 2016 IEEE Frontiers in Education Conference (FIE). Ed. Steve Frezza, Dipo Onipede. Erie, PA: IEEE, 2016. Print. *

Yin Pan, Associate Professor

Published Conference Proceedings: Mosli, Rayan, et al. "Automated malware detection using artifacts in forensic memory images." Proceedings of the IEEE International Conference on Technologies for Homeland Security. Ed. IEEE Conference. Waltham, Massachusetts: n.p., 2016. Print. «

Matthew K Wright

Journal Paper: Al-Ameen, Mahdi Nasrullah and Matthew Wright. "A Comprehensive Study of the GeoPass User Authentication Scheme." *Interacting with Computers*. (2016): 1-1. Web. *

Journal Paper: Al-Ameen, Mahdi Nasrullah and Matthew Wright. "iPersea: Towards Improving the Sybil-resilience of Social DHT." *Journal of Network and Computer Applications* 71. (2016): 1-10. Web. *

Journal Paper: Al-Ameen, Mahdi Nasrullah, S M Taiabul Haque, and Matthew Wright. "Leveraging Autobiographical Memory for Two-factor Online Authentication." *Information and Computer Security* 24. 4 (2016): 386-399. Print. *

Journal Paper: Barton, Armon and Matthew Wright. "DeNASA: Destination-Naive AS-Awareness in Anonymous Communications." *Proceedings on Privacy Enhancing Technologies* 2016. 4 (2016): 356-372. Web. «

Published Conference Proceedings: Juarez, Marc, et al. "WTF-PAD: Toward an Efficient Website Fingerprinting Defense." *Proceedings of the European Symposium on Research in Computer Security (ESORICS)*. Ed. Ioannis Askoxylakis, et al. Heraklion, Greece: Springer, 2016. Print. *

INFORMATION SCIENCES AND TECHNOLOGIES

Daniel Ashbrook, Assistant Professor

Invited Keynote/Presentation: Ashbrook, Daniel. "Improving Interaction Speed for Mobile and Fabrication Devices." *Human-Computer Interaction Institute Seminar*. Carnegie Mellon University. Pittsburgh, PA. 12 Jul. 2016. Lecture.

Invited Keynote/Presentation: Ashbrook, Daniel. "Future of Mobile Interaction, Computing and Life." *International Conference on Human-Computer Interaction with Mobile Devices and Services (MobileHCI)*. MobileHCI. Florence, Italy, Tuscany. 9 Sep. 2016. Conference Presentation.

Published Conference Proceedings: Ashbrook, Daniel, Shitao Guo, and Alan Lambie. "Towards Augmented Fabrication: Combining Fabricated and Existing Objects." *Proceedings of the Proceedings of the 2016 CHI Conference Extended Abstracts on Human Factors in Computing Systems*, Santa Clara, California, USA — May 07 - 12, 2016. Ed. Cliff Lampe. New York, NY: ACM, 2016. Web. *

Published Conference Proceedings: Ashbrook, Daniel, et al. "Bitey: An Exploration of Tooth Click Gestures for Hands-Free User Interface Control." *Proceedings of the Proceedings of the 18th International Conference on Human-Computer Interaction with Mobile Devices and Services*, Florence, Italy — September 06 - 09, 2016. Ed. Karen Church, et al. New York, NY: ACM, 2016. Web. «

Catherine I Beaton, Associate Professor

Journal Paper: Vullo, Ronald P., et al. "Can You Read What I'm Saying?" *Proceedings of the International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government*. (2016): 41-47. Web. *

Dan Bogaard, Associate Professor

Published Conference Proceedings: Bogaard, Daniel, et al. "Producing and Evaluating Crowdsourced Computer Security Attack Trees." *Proceedings of the 2016 IEEE International Symposium on Technologies for Homeland Security*, Waltham, MA, May 2016. Ed. IEEE. Waltham, MA: n.p., 2016. Web. «

Charles Border, Associate Professor

Invited Keynote/Presentation: Border, Charles. "DevOps and the Future of System Administration Education." *USENIX SESA*. USENIX. Boston, Massachusetts. 6 Dec. 2016. Conference Presentation. Δ

Vicki L Hanson, Professor

Invited Keynote/Presentation: Hanson, Vicki L. "Introduction to User Experience (UX)." Ladies Leading UX. Digital Rochester. Rochester, NY. 23 Feb. 2016. Keynote Speech. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "Advancing Computing as a Science and a Profession." RIT Brick City. RIT. Rochester, NY. 14 Oct. 2016. Address. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "Computing for Humans." FemmeTech - University of North Carolina Charlotte. ACM Distinguished Speaker Series. Charlotte, NC. 1 Apr. 2016. Guest Lecture. Δ

Peer Reviewed/Juried Poster Presentation: Dee, Marianne and Vicki L. Hanson. "The Ethics of Care Home Research." Proceedings of the ACM CHI'16, ACM SIGCHI Conference on Human Factors in Computing Systems. Ed. ACM. San Jose, CA: ACM. «

Peer Reviewed/Juried Poster Presentation: Garcia, Paula and Vicki L. Hanson. "Automated Analysis of Varied Language Production." Proceedings of the Richard Tapia Celebration of Diversity in Computing. Ed. ACM. Austin, TX: ACM. £

Peer Reviewed/Juried Poster Presentation: Hanson, Vicki L., et al. "BESiDE: Promoting Physical Activity and Social Engagement Amongst Care Home Residents." Proceedings of the British Society of Gerontology 45th Annual Conference. Ed. BSG. Stirling, UK: BSG. £

Invited Keynote/Presentation: Hanson, Vicki L. "Computing for Humans." SICSA Women in Computing. Scottish Informatics and Computer Science Alliance (SICSA). Dundee, Scotland. 18 Feb. 2016. Keynote Speech. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "ACM Welcome." ACM CHI'16 Conference. ACM. San Jose, CA. 9 May 2016. Address. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "ACM President's Welcome." SIGGRAPH'16. ACM. Anaheim, CA. 25 Jul. 2016. Address. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "ACM President's Address." Heidelberg Laureate Forum. Klaus Tschira Stiftung and the Heidelberg Laureate Forum Foundation. Heidelberg, Germany. 18 Sep. 2016. Address. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "ACM President's Address." China National Computing Congress 2016. CCF (Chinese Computing Federation). Taiyuan, China. 20 Oct. 2016. Address. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "ACM President's Address." Grace Hopper 2016. ABI. Houston, TX. 18 Oct. 2016. Address. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "ACM Opening Remarks." Babbage and Lovelace Exhibit Opening. Computer History Museum. San Jose, CA. 19 Jan. 2016. Address. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "ACM President's Welcome." SIGGRAPH Asia. ACM. Macao, Macao. 6 Dec. 2016. Address. Δ

Published Conference Proceedings: Brandão, Alessandra, et al. "SlidePacer: A Presentation Delivery Tool for Instructors of Deaf and Hard of Hearing Students." Proceedings of the ASSETS'16. Ed. ACM. New York, NY: ACM, 2016. Print. *

Journal Paper: Crabb, Michael and Vicki L. Hanson. "An Analysis of Age, Technology Usage, and Cognitive Characteristics Within Information Retrieval Tasks." ACM Transactions on Accessible Computing 8. 3 (2016): Article 10, 26 pages. Print. *

Journal Paper: Dee, Marianne and Vicki L. Hanson. "A Pool of Representative Users for Accessibility Research: Seeing Through the Eyes of Users." *ACM Transactions on Accessible Computing* 8. 1 (2016): Article 1, 31 pages. Print. *

Journal Paper: Dee, Marianne and Vicki L. Hanson. "Just Passing Through: Research in Care Homes." *Interactions* 23. 5 (2016): 58-61. Print. £

Journal Paper: Hanson, Vicki L. "From the new President." *Communications of the ACM* 59. 8 (2016): 5. Print. Δ

Bruce Hartpence, Associate Professor

Book Chapter: Hartpence, Bruce. "Network Address Translation." *The Packet Guide to Routing and Switching*. Sebastopol, California: O'Reilly, 2016. 30. Print. ^

Book Chapter: Hartpence, Bruce. "Multicast." *The Packet Guide to Routing and Switching*. Sebastopol, California: O'Reilly, 2016. 35. Print. ^

Journal Paper: Hartpence, Bruce and Rossi Rosario. "Software Defined Networking for Systems and Network Administration Programs." *Journal of Education in System Administration (JESA)* 1. (2016): 15. Print. *

Lawrence W Hill, Associate Professor

Published Conference Proceedings: Hill, Lawrence. "Enterprise Computing Topics and Their Integration into an Established Information Technology Academic Program." *Proceedings of the 2016 ECC (Enterprise Computing Community) Conference*, June 12-14, Marist College, Poughkeepsie, NY. Ed. MaryAnn Hoffman. Poughkeepsie, NY: n.p., Web. *

Edward Holden, Associate Professor

Published Conference Proceedings: Kang, Jai W., et al. "Security Requirements Embedded in MS Programs in Information Sciences and Technologies." *Proceedings of the SIGITE '16*, September 28 – October 1, 2016, Boston, MA, USA. Ed. ACM. Boston, MA: n.p., 2016. Web. *

Matt Huenerfauth, Associate Professor

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. *ACM Transactions on Accessible Computing*, Volume 8, Number 1. New York, NY, USA: ACM, 2016. Print. *

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. *ACM Transactions on Accessible Computing*, Volume 8, Number 2. New York, NY, USA: ACM, 2016. Print. *

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. *ACM Transactions on Accessible Computing*, Volume 8, Number 3. New York, NY, USA: ACM, 2016. Print. *

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. *ACM Transactions on Accessible Computing*, Volume 8, Number 4. New York, NY, USA: ACM, 2016. Print. *

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. *ACM Transactions on Accessible Computing*, Volume 9, Number 1. New York, NY, USA: ACM, 2016. Print. *

External Scholarly Fellowships/National Review Committee:

6/1/2016 -

5/31/2017

NSF AdvanceRIT Connect Grants Program
Amount: 4620

≠

Invited Keynote/Presentation: Huenerfauth, Matt. "Accessibility in U.S. Computing Degrees." White House Disability Inclusive Technology Summit. American Association of People with Disabilities (AADP) and the White House Office of Public Engagement. Washington, DC. 7 Nov. 2016. Address. Δ

Invited Keynote/Presentation: Huenerfauth, Matt and Raja Kushalnagar. "Accessible Computing Research for Users who are Deaf and Hard of Hearing." University of Washington Computer Science and Engineering and Microsoft Research Summer Institute. Microsoft Research and University of Washington. Seattle, WA. 5 Jul. 2016. Address. Δ

Invited Keynote/Presentation: Huenerfauth, Matt. "Accessibility in Academia: What's Happening? How Can we Change?" TeachAccess Kickstart Workshop. Yahoo!. Sunnyvale, CA. 20 Apr. 2016. Address. Δ

Journal Editor: Feng, Jinjuan Heidi and Matt Huenerfauth, ed. Proceedings of the 18th International ACM SIGACCESS Conference on Computers and Accessibility. New York, NY, USA: ACM, 2016. Print. «

Journal Paper: Huenerfauth, Matt and Hernisa Kacorri. "Eyetracking Metrics Related to Subjective Assessments of ASL Animations." Journal on Technology and Persons with Disabilities 4. (2016): 69-78. Web. *

Published Conference Proceedings: Kacorri, Hernisa and Matt Huenerfauth. "Continuous Profile Models in ASL Syntactic Facial Expression Synthesis." Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics. Ed. Katrin Erk and Noah Smith. Stroudsburg, PA: Association for Computational Linguistics, 2016. Print. «

Published Conference Proceedings: Elliot, Lisa, et al. "Deaf and Hard of Hearing Individuals' Perceptions of Communication with Hearing Colleagues in Small Groups." Proceedings of the 18th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '16). Ed. Jinjuan Heidi Feng and Matt Huenerfauth. New York, NY: ACM, 2016. Print. «

Published Conference Proceedings: Zhang, Chenyang, Yingli Tian, and Matt Huenerfauth. "Multi-Modality American Sign Language Recognition." Proceedings of the IEEE International Conference on Image Processing (ICIP 2016). Ed. Fernando Pereira and Guarav Sharma. New York, NY: IEEE, 2016. Print. «

Published Conference Proceedings: Dilsizian, Mark, et al. "The Importance of 3D Motion Trajectories for Computer-based Sign Recognition." Proceedings of the 7th Workshop on the Representation and Processing of Sign Languages: Corpus Mining, The 10th International Conference on Language Resources and Evaluation (LREC 2016). Ed. Eleni Efthimiou, et al. Paris, France: ELRA, 2016. Print. *

Published Conference Proceedings: Kacorri, Hernisa, et al. "Centroid-Based Exemplar Selection of ASL Non-Manual Expressions using Multi-dimensional Dynamic Time Warping and MPEG4 Features." Proceedings of the 7th Workshop on the Representation and Processing of Sign Languages: Corpus Mining, The 10th International Conference on Language Resources and Evaluation (LREC 2016). Ed. Eleni Efthimiou, et al. Paris, France: ELRA, 2016. Print. *

Published Conference Proceedings: Kacorri, Hernisa and Matt Huenerfauth. "Selecting Exemplar Recordings of American Sign Language Non-Manual Expressions for Animation Synthesis Based on Manual Sign Timing." Proceedings of the 7th Workshop on Speech and Language Processing for Assistive Technologies, INTERSPEECH 2016. Ed. Heidi Christensen, et al. Grenoble, France: ISCA, 2016. Web. *

Published Conference Proceedings: Kaffle, Su-shant and Matt Huenerfauth. "Effect of Speech Recognition Errors on Text Understandability for People who are Deaf or Hard of Hearing." Proceedings of the 7th Workshop on Speech and Language Processing for Assistive Technologies, INTERSPEECH 2016. Ed. Heidi Christensen, et al. Grenoble, France: ISCA, 2016. Web. *

Invited Keynote/Presentation: Ludi, Stephanie, Vicki Hanson, and Matt Huenerfauth. "Ethical Inclusion of People with Disabilities through Undergraduate Computing Education." Cultivating Cultures for Ethical STEM Principal Investigator Meeting. National Science Foundation. Arlington, VA. 15 Sep. 2016. Conference Presentation. Δ

Jai W Kang, Associate Professor

Published Conference Proceedings: Kang, Jai W., et al. "Security Requirements Embedded in MS Programs in Information Sciences and Technologies." Proceedings of the ACM SIGITE'16 (the 17th Annual Conference on Information Technology Education). Ed. Cindy Edwards. New York, NY: Sheridan Printing, Web. «

Deborah M LaBelle, Lecturer

Published Conference Proceedings: LaBelle, Deborah, Jawaher Alsulami, and Jim Leone. "Effects of using iPads on First Grade Students' Achievements in Arabic Language Classes In Saudi Arabia." Proceedings of the Research in Information Technology. Ed. ACM. Boston, MA: ACM, Web. *

Peter H Lutz, Professor

Published Conference Proceedings: Johnson, Matthew, Peter Lutz, and Daryl Johnson. "Covert Channel using Man-In-The-Middle over HTTPS." Proceedings of the The 2016 International Conference on Computational Science and Computational Intelligence(CSCI'16). Ed. Professor Hamid R. Arabnia. Las Vegas, Nevada: http://www.ieee.org/publications_standards/publications/services/comp_society.html, 2016. Web. ~

Tae Oh, Associate Professor

Published Conference Proceedings: Oh, Tae, et al. "Intelligent Mobility Cane with Navigation." Proceedings of the UKC 2016. Ed. UKC. Dallas, Texas: n.p., Web. *

Peer Reviewed/Juried Poster Presentation: Alatwi, Huda, et al. "Using the Machine Learning Approach to Detect Mobile Device Malware." Proceedings of the KOCSEA 2016. Ed. KOCSEA. Washington DC, DC: n.p.. *

Invited Keynote/Presentation: Oh, Tae. "Intelligent Mobility Cane Development Process." I-Corp. RIT. Rochester, NY. 5 Mar. 2016. Lecture.

Journal Paper: Ge, Changfeng, et al. "MEMS Based Tracking Devices for Measuring Distribution Hazards on the Product and Package." Journal of Applied Packaging Research 8. No. 2 Article 7 (2016): 56-67. Web. «

Journal Paper: Jeong, Jaehoon and Tae (Tom) Oh. "Survey on Protocols and Applications for Vehicular Sensor Networks." International Journal of Distributed Sensor Networks 12. No. 8 (2016): 195-221. Web. «

Journal Paper: Jeong, Jaehoon, et al. "SAINT: Self-Adaptive Interactive Navigation Tool for Cloud-Based Vehicular Traffic Optimization." IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY 65. No. 6 (2016): 4053-4067. Web. «

Published Conference Proceedings: Oh, Tae, et al. "Android Malware Analysis and Conceptual Malware Mitigation Approaches." Proceedings of the IEEE International Conference on Information and Communication Technology Convergence (ICTC 2016). Ed. IEEE. Jeju Island, Korea: PP. 684-693, Web. *

Published Conference Proceedings: Kang, Jai, et al. "Security Requirements Embedded in MS Programs in Information Sciences and Technologies." Proceedings of the ACM SIGITE 2016. Ed. ACM. Boston, MA: pp. 77-82, Web. *

Published Conference Proceedings: Alatwi, Huda, Tae Oh, and Ernest Fokoue. "Android Malware Detection Using Category-Based Machine Learning Classifiers." Proceedings of the ACM SIGITE 2016. Ed. ACM. Boston, MA: pp.54-59, Web. *

Published Conference Proceedings: Waggoner, Jonathan, Bill Stackpole, and Tae Oh. "A Hands-On Approach to Computing Security Education: Metasploit Module Development." Proceedings of the ACM CISSE. Ed. CISSE. Philadelphia, PA: n.p., Web. *

Published Conference Proceedings: Lee, Jinho, et al. "DCMAC: Data-oriented Cluster-based Media Access Control Protocol for Vehicular Networks." Proceedings of the IEEE 30th International Conference on Advanced Information Networking and Applications (2016 WAINA). Ed. IEEE. Crans-Montana, Switzerland: pp. 258-261, Web. *

Published Conference Proceedings: Shen, Yiwen, et al. "CASD: A Framework of Context-Awareness Safety Driving in Vehicular Networks." Proceedings of the IEEE 30th International Conference on Advanced Information Networking and Applications (2016 WAINA). Ed. IEEE. Crans-Montana, Switzerland: pp. 252-257, Web. *

Invited Paper: Jeong, Jaehoon and Tae Oh. "Problem Statement for Vehicle-to-Infrastructure Networking." IETF: draft-jeong-its-v2i-problem-statement-00. (2016). Web. *

Brian Tomaszewski, Assistant Professor

Published Conference Proceedings: Ruggero, Tayler, Josephine Kennan, and Brian Tomaszewski. "ArcGIS and Refugees: Practical Lessons Learned from the Rochester Institute of Technology (RIT) Kigeme Refugee camp , Rwanda Humanitarian Field Work Mission." Proceedings of the 25th Annual Geographic Information Sharing/Special Interest Group (GIS/SIG) Conference. Ed. Daniel Allen. Pittsford, NY: n.p., 2016. Web. ^

Invited Keynote/Presentation: Tomaszewski, Brian. "Crisis Mapping: Old Problems, New Challenges." Emergency and Disaster Management Program. Georgetown University. Washington, DC. 21 Sep. 2016. Guest Lecture.

External Scholarly Fellowships/National Review Committee:

11/21/2016 -

11/22/2016

National Science Foundation - Office of International Science & Engineering (OISE) - Review Panel

Amount: \$3000

Invited Keynote/Presentation: Tomaszewski, Brian. "Disasters, Geographic Information Systems (GIS) and Spatial Thinking: Case Studies and Examples." Symposium on Advanced Techniques for National Geographic State Monitoring (NGSM). Wuhan University. Wuhan, China. 17 Dec. 2016. Keynote Speech.

Journal Paper: Rusatira, Jean Christophe, et al. "Needs Assessment for User-Centered Development of Mobile Medical Educator Apps: Enabling Access to Medical and Health Education in Rwanda Using Mobile Technology." JMIR Medical Education 2. 1 (2016): e7. Web. «

Published Conference Proceedings: Schmitt, Paul, et al. "Community-Level Access Divides: A Refugee Camp Case Study." Proceedings of the International Conference on Information and Communication Technologies and Development (ICTD 2016). Ed. Kentaro Toyama. Ann Arbor, MI: n.p., 2016. Web. «

Published Conference Proceedings: B., Tomaszewski, and Griffin, Amy L. "Students Learning about Disaster Situation Training using Serious Games for GIS (SerGIS)." Proceedings of the Association of American Geographers Annual Conference. Ed. Sarah Witham Bednarz. San Francisco, CA: n.p., 2016. Web.

Published Conference Proceedings: Tomaszewski, Brian, David I. Schwartz, and Joerg Szarzynski. "Crisis Response Serious Spatial Thinking Games: Spatial Think Aloud Study Results." Proceedings of the 13th International Conference of the International Association For The Study Of Information Systems For Crisis Response And Management (ISCRAM). Ed. Marcos Borges. Rio de Janeiro, Brazil: n.p., 2016. Web. «

Published Conference Proceedings: Tomaszewski, Brian, et al. "Infrastructure Evolution Analysis via Remote Sensing in an Urban Refugee Camp - Evidence from Za'atari." Proceedings of the Humanitarian Technology: Science, Systems and Global Impact 2016, HumTech2016. Ed. Andy Vidan. Boston, MA: n.p., 2016. Web. «

Published Conference Proceedings: Tomaszewski, Brian and Kenneth Tomaszewski. "Refugee Spatial Awareness: Evidence from Za'atari." Proceedings of the Ninth International Conference on Geographic Information Science (GIScience 2016). Ed. Renee Sieber. Montreal, Quebec: n.p., 2016. Web. «

Published Conference Proceedings: Tomaszewski, Brian, et al. "Displacement and Visual Analytics: Case Studies and Applications." Proceedings of the SpatialVA workshop @ GIScience 2016. Ed. Anthony Robinson. Montréal, Quebec: n.p., 2016. Print. «

Ronald P Vullo, Associate Professor

Peer Reviewed/Juried Poster Presentation: L., Sherman, Kim, et al. "VR/AR Headset Design / DIY VR." Proceedings of the Frameless Labs VR/AR Symposium. Ed. David Long and Joe Geigel. Rochester, NY: n.p.. £

Peer Reviewed/Juried Poster Presentation: Ph.D., Ronald P. Vullo., "INC: A D.I.Y. Virtual Reality Headset." Proceedings of the New Media Consortium Summer Conference. Ed. NMC Staff & Board of Directors. Rochester, NY: n.p.. *

Published Conference Proceedings: Ph.D., Ronald P. Vullo., et al. "Can You Read What I'm Saying? Closed Captions added to Molly Open Source Online Lecture System." Proceedings of the IEEE'13 - The 2016 International Conference on E-Learning, Learning Methodologies, & Education. Ed. Hamid R. Arabnia, et al. Las Vegas, NV: n.p., 2016. Print. *

Published Conference Proceedings: Ph.D., Ronald P. Vullo., Andrew Phelps, M.S., and Michelle A. Catalfamo B.S. "DIY VR: The Development of an Inexpensive Headset for Makers." Proceedings of the Proceedings of the International Conference on Internet Computing and Internet of Things. Ed. Hamid R. Arabnia, et al. Las Vegas, NV: n.p., 2016. Print. *

Elissa Weeden, Associate Professor

Peer Reviewed/Juried Poster Presentation: Weeden, Elissa and Kathryn Schmitz. "Using Web Conferencing to Foster Inclusive Course Experiences for Deaf Students." Proceedings of the 2016 AHEAD Conference pepnet2 Post-secondary Training Institute, July 11-16, 2016, Indianapolis, Indiana. Ed. unknown. Indianapolis, IN: n.p.. *

Qi Yu, Associate Professor

Journal Paper: Guo, Xuan, et al. "Intelligent Medical Image Grouping through Interactive Learning." International Journal of Data Science and Analytics (JDSA) 2. 3 (2016): 95-105. Print. *

Journal Paper: Wang, Hongbing, et al. "Effective Service Composition Using Multi-agent Reinforcement Learning." Knowledge-Based Systems 92. (2016): 151-168. Print. *

Journal Paper: Wang, Hongbing, et al. "Online Reliability Prediction via Motifs-based Dynamic Bayesian Networks for Service-Oriented Systems." IEEE Transactions on Software Engineering (TSE). (2016): 24 pages. Print. *

Journal Paper: Wang, Hongbing, et al. "Effective BigData-Space Service Selection over Trust and Heterogeneous QoS Preferences." IEEE Transactions on Services Computing (TSC). (2016): 14 pages. Print. *

Journal Paper: Sheng, Michael, et al. "Guest Editorial: Big Data Analytics and the Web." IEEE Trans. Big Data 2. 3 (2016): 189. Print.

Published Conference Proceedings: Wang, Hongbing, Xingzhi Zhang, and Qi Yu. "Integrating POMDP and SARSA(λ) for Service Composition with Incomplete Information." Proceedings of the ICSOC. Ed. Quan Z. Sheng et al. Banff, Canada: n.p., Print. *

Published Conference Proceedings: Liu, Xumin, et al. "An LDA-SVM Active Learning Framework for Web Service Classification." Proceedings of the ICWS. Ed. Stephan Reiff-Marganiec. San Francisco, CA: n.p., Web. *

Published Conference Proceedings: Wang, Hongbing, Guicheng Huang, and Qi Yu. "Automatic Hierarchical Reinforcement Learning for Efficient Large-Scale Service Composition." Proceedings of the ICWS. Ed. Stephan Reiff-Marganiec. San Francisco, CA: n.p., Web. *

Published Conference Proceedings: Wan, Yao, et al. "Incorporating Heterogeneous Information for Mashup Discovery with Consistent Regularization." Proceedings of the PAKDD. Ed. James Bailey et al. Auckland, New Zealand: n.p., Print. *

Published Conference Proceedings: Guo, Xuan, et al. "An Expert-in-the-loop Paradigm for Learning Medical Image Grouping." Proceedings of the PAKDD. Ed. James Bailey et al. Auckland, New Zealand: n.p., Web. *

Published Conference Proceedings: Bullard, Joseph, et al. "Towards Early Dementia Detection: Fusing Linguistic and Non-Linguistic Clinical Data." Proceedings of the CLPsych@HLT-NAACL. Ed. Kristy Hollingshead and Lyle H. Ungar. San Diego, CA: n.p., Web. *

Published Conference Proceedings: Kang, Jai W., et al. "Security Requirements Embedded in MS Programs in Information Sciences and Technologies." Proceedings of the SIGITE/RIIT. Ed. Deborah Boisvert and Stephen J. Zilora. Boston, MA: n.p., Web. *

Steve Zilora, Associate Professor

Published Conference Proceedings: Davis, Hollis G. and Stephen J. Zilora. "A Tale of Two Capstones." Proceedings of the ACM SIGITE'16, Boston, MA. Ed. ACM. New York, NY: n.p., Web. «

PHD PROGRAM

Rui Li

Journal Paper: Li, Rui, et al. "Modeling Eye Movement Patterns to Characterize Perceptual Skill in Image-based Diagnostic Reasoning Processes." Computer Vision and Image Understanding 151. (2016): 138-152. Web. *

Pengcheng Shi, Professor

Journal Paper: Hu, Zhenghui, et al. "Influence of Resting Venous Blood Volume Fraction on Dynamic Causal Modeling and System Identifiability." Scientific Reports 6. (2016): doi:10.1038/srep29426. Web. £

Journal Editor: Ayache, Nichlos, James Duncan, and et al, ed. Medical Image Analysis. Maryland Heights, MO 63043: Elsevier, 2016. Print. *

Journal Editor: Shi, Pengcheng and et al, ed. Computational and Mathematical Methods in Medicine. New York: Hindawi, 2016. Web. *

Journal Editor: Díaz-Herrera, Jorge L. and et al, ed. Journal of Applied Sciences and Arts. Carbondale, IL: n.p., 2016. Print. *

Journal Paper: Guo, Xuan, et al. "Intelligent Medical Image Grouping Through Interactive Learning." International Journal of Data Science and Analytics 2. 3 (2016): 95-105. Print. £

Journal Paper: Li, Rui, et al. "Modeling Eye Movement Patterns to Characterize Perceptual Skill in Image-based Diagnostic Reasoning Processes." Computer Vision and Image Understanding 151. (2016): 138-152. Print. £

Published Conference Proceedings: Guo, Xuan, et al. "An Expert-in-the-loop Paradigm for Learning Medical Image Grouping." Proceedings of the PAKDD 2016: Advances in Knowledge Discovery and Data Mining. Ed. J. Bailey, et al. Auckland, New Zealand: Springer, 2016. Print. «

Linwei Wang, Assistant Professor

Journal Paper: Wang, Linwei, et al. "Noninvasive Epicardial and Endocardial Electrocardiographic Imaging of Scar-related Ventricular Tachycardia,." Journal of Electrocardiology 49. 6 (2016): 887-893. Print. *

Published Conference Proceedings: Dhamala, Jwala, et al. "Spatially-Adaptive Multi-Scale Optimization for Local Parameter Estimation: Application in Cardiac Electrophysiological Models." Proceedings of the Medical Image Computing and Computer-Assisted Intervention (MICCAI). Ed. S. Ourseline., L. Joskowicz, M. Sabuncu, G. Unal and W. Wells. Athens, GREECE: Springer, 2016. Web. «

Published Conference Proceedings: Wang, Linwei, et al. "Noninvasive Electrocardiographic Imaging of Scar-related Ventricular Tachycardia." Proceedings of the Computing in Cardiology. Ed. NA. Vancouver, Canada: n.p., 2016. Web. *

Invited Keynote/Presentation: Wang, Linwei. "Noninvasive Electrocardiographic Imaging of Scar-Related Ventricular Tachycardia." Annual Meetings of International Society of Computerized Electrocardiology. International Society of Computerized Electrocardiology. Tucson, AZ. 16 Apr. 2016. Conference Presentation.

SCHOOL OF INTERACTIVE GAMES AND MEDIA

John A Biles, Professor

Published Conference Proceedings: Biles, Al. "Sounds from the Garden: Butt Music from Hell." Proceedings of the 2016 New Media Consortium Summer Conference. Ed. Becker, Samantha. Rochester, NY: New Media Consortium, 2016. Web. £

Published Conference Proceedings: Biles, Al. "GenJam's Got Talent?" Proceedings of the 2016 New Media Consortium Summer Conference. Ed. Becker, Samantha. Rochester, NY: New Media Consortium, 2016. Web. £

Shows/Exhibits/Installations: Biles, Al. Bad Objects: A Night of New Media from RIT. 30 Nov. 2016. Visual Studies Workshop, Rochester, NY. Performance. Δ

Adrienne Decker, Assistant Professor

Journal Editor: Decker, Adrienne, et al, ed. 2016 Research on Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT). Piscataway, NJ: IEEE, 2016. Print.

Journal Paper: McGill, Monica M., Adrienne Decker, and Amber Settle. "Undergraduate Students' Perceptions of the Impact of Pre-college Computing Activities on Choices of Major." *ACM Transactions on Computing Education* 16. 4 (2016): 33. Web. «

Published Conference Proceedings: Decker, Adrienne and David Simkins. "Uncovering Difficulties in Learning for the Intermediate Programmer." *Proceedings of the Frontiers in Education 2016* (Erie, PA). Ed. FIE. New York, NY: IEEE, 2016. Print. *

Published Conference Proceedings: Simkins, David and Adrienne Decker. "Examining the Intermediate Programmers Understanding of the Learning Process." *Proceedings of the Frontiers in Education 2016* (Erie, PA). Ed. FIE. New York, NY: IEEE, 2016. Print. *

Published Conference Proceedings: Decker, Adrienne and David Simkins. "Everaging Role Play to Explore Software and Game Development Process." *Proceedings of the Frontiers in Education 2016* (Erie, PA). Ed. FIE. New York, NY: IEEE, 2016. Print. *

Published Conference Proceedings: Decker, Adrienne, Christopher A. Egert, and Andrew Phelps. "Splat! er, Shmup? A Postmortem on a Capstone Production Experience." *Proceedings of the Frontiers in Education 2016* (Erie, PA). Ed. FIE. New York, NY: IEEE, 2016. Print. *

Published Conference Proceedings: Morrison, Briana B., Adrienne Decker, and Lauren E. Margulieux. "Learning Loops: A Replication Study Illuminates Impact of HS Courses." *Proceedings of the International Conference on International Computing Education Research (ICER '16)* [Melbourne, Australia]. Ed. SIGCSE. New York, NY: Association for Computing Machinery, 2016. Print. «

Published Conference Proceedings: Smith, Roger and Adrienne Decker. "Understanding the Impact of QPOC Representation in Video Games." *Proceedings of the 2016 Research in Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT)*, [Atlanta, GA]. Ed. IEEE STCBP. New York, NY: IEEE, 2016. Print. *

Published Conference Proceedings: Decker, Adrienne, Monica M. McGill, and Amber Settle. "Towards a Common Framework for Evaluating Computing Outreach Activities." *Proceedings of the 47th ACM Technical Symposium on Computer Science Education (SIGCSE 2016)*, [Memphis, TN]. Ed. SIGCSE. New York, NY: Association for Computing Machinery, 2016. Print. «

Peer Reviewed/Juried Poster Presentation: Smith, Roger and Adrienne Decker. "Investigating QPoC Representation in Video Games." *Proceedings of the ACM Richard Tapia Celebration of Diversity in Computing 2016*, [Austin, TX]. Ed. Tapia. New York, NY: Association of Computing Machinery. *

External Scholarly Fellowships/National Review Committee:

9/1/2016 -
8/31/2021
National Science Foundation
Amount: 965,085
≠

Owen A Gottlieb, Assistant Professor

Journal Paper: Gottlieb, Owen. "Who Really Said What? Mobile Historical Situated Documentary as Liminal Learning Space." *Gamevironments*. 5 (2016): 237-2 5. Web. *

Shows/Exhibits/Installations: Gottlieb, Owen. *The Humanities Arcade: Gaming in the Digital Age*. By Owen Gottlieb, et al. 16 Sep. 2016. Scholars' Lab, Alderman Library, University of Virginia, Charlottesville. Exhibit. ≠

Shows/Exhibits/Installations: Gottlieb, Owen. Sympop: Experiential Education and Jewish Cultural Arts. 1 Jun. 2016. Temple Micah, in cooperation with The George Washington University, Graduate School of Education, Washington, DC. Performance.

Invited Keynote/Presentation: Gottlieb, Owen. "Playing with Judaism in the Digital Age." Symposium One. Hebrew Union College. New York, New York. 14 Nov. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: covering), Owen Gottlieb (Andrew Phelps, et al. "Who Owns What and Why? Student IP, Faculty IP, and Game Design Programs." GDC, Game Developers Conference. GDC. San Francisco, CA. 14 Mar. 2016. Conference Presentation. £

Invited Keynote/Presentation: Gottlieb, Owen. "Mobile Gameplay and Engendering Openness to Alternative Perspectives in Jewish History." Jewish Historical Understandings. Brandeis University. Waltham, MA. 25 May 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Gottlieb, Owen. "Learning While Making Games...for Learning." The New Media Consortium Summer Conference. NMC. Rochester, NY. 15 Jun. 2016. Conference Presentation. ~

W Michelle Harris, Associate Professor

Peer Reviewed/Juried Poster Presentation: Harris, W. Michelle. "Can't/Breathe Mirror (winner Judges' Award)." Proceedings of the New Media Consortium Summer Conference. Ed. New Media Consortium. Rochester, NY: n.p.. £

Shows/Exhibits/Installations: Harris, BIO-DANCE, Sound ExChange, and W. Michelle. Anomaly. Sep. 2016. Strassenburgh Planetarium of the Rochester Museum and Science Center, Rochester, NY. Performance. £

Shows/Exhibits/Installations: Tremblay-Gaudette, Josephine Anstey, Sandy Baldwin, Al Biles, W. Michelle Harris, Charlie Roberts, Rick Scott, and Gabriel. Bad Objects: A Night of New Media from RIT. 30 Nov. 2016. Visual Studies Workshop, Rochester, NY. Performance. Δ

Charles D Roberts

Shows/Exhibits/Installations: Roberts, Charles. Improvisation in Gibber. 4 Apr. 2016. Georgia Tech, Atlanta, GA. Performance. *

Invited Keynote/Presentation: Roberts, Charles. "Live Coding Performance: Algoraves, Programming, and New Conceptions of the Audience." Digital Media Festival. Penn State Behrend. Behrend, PA. 31 Mar. 2016. Lecture.

Invited Keynote/Presentation: Roberts, Charles. "Gibber: A Creative Coding Performance Environment for Browsers." Performing Arts Technology Seminar. University of Michigan. Ann Arbor, MI. 16 Mar. 2016. Lecture.

Journal Paper: Roberts, Charles. "Code as Information and Code as Spectacle." *International Journal of Performance Arts and Digital Media* 12. 2 (2016): 201-206. Print. «

Journal Paper: Roberts, Charles, et al. "Educational Design of Live Coding Environments for the Browser." *Journal of Music, Technology & Education* 9. 1 (2016): 95-116. Print. *

Published Conference Proceedings: Roberts, Charles and Graham Wakefield. "Live Coding the Digital Audio Workstation." Proceedings of the International Conference on Live Coding, Hamilton, Ontario. Ed. David Ogborn. Hamilton, Ontario, CA: n.p., Web. «

Shows/Exhibits/Installations: Roberts, Charlie. Improvisation in Gibber. 15 Oct. 2016. Spice Factory, Hamilton, Ontario. Performance. *

David Schwartz, Associate Professor

Published Conference Proceedings: Tomaszewski, Brian, David I. Schwartz, and Jorg Szarzynski. "Crisis Response Serious Spatial Thinking Games: Spatial Think Aloud Study Results." Proceedings of the ISCRAM 2016 Conference Proceedings – 13th International Conference on Information Systems for Crisis Response and Management. Ed. A. Tapia, et al. Rio de Janeiro, Brasil: n.p., Print. *

Invited Article/Publication: Pan, Yin, et al. "Gamifying Cybersecurity Modules for Entry Level Students." CISSE 21st Colloquium. (2016). Web. *

Published Conference Proceedings: Mkaouer, Mohamed Wiem. "Interactive Code Smells Detection: An Initial Investigation." Proceedings of the International Symposium on Search Based Software Engineering. Ed. Sarro, Federica and Deb, Kalyanmoy. Raleigh, NC: Springer International Publishing, 2016. Web. «

SOFTWARE ENGINEERING

Yasmine Elglaly

Journal Paper: El-Glaly, Yasmine N. and Francis Quek. "Read What You Touch with Intelligent Audio System for Non-Visual Interaction." ACM Transactions on Interactive Intelligent Systems (TiiS) 6. 3 (2016): 24:1--24:27. Print. *

Book Chapter: Quek, Francis, Yasmine El-Glaly, and Francisco Oliveira. "Assistive Technology in Education." Handbook of Science and Technology Convergence. http://link.springer.com/referenceworkentry/10.1007/978-3-319-07052-0_25, N/A: Springer, 2016. 973-983. Print. *

Mohamed Wiem Mkaouer

Published Conference Proceedings: Almhana, Rafi, et al. "Recommending Relevant Classes for Bug Reports using Multi-objective Search." Proceedings of the International Conference on Automated Software Engineering. Ed. IEEE and ACM. New York City, NY: n.p., 2016. Web. *

CIVIL ENGINEERING TECHNOLOGY, ENVIRONMENTAL MANAGEMENT AND SAFETY

Amanda Bao, Assistant Professor

Published Conference Proceedings: Bao, Amanda (Yu). "Developing Rating Metrics for Sustainable Bridges." Proceedings of the 2016 Western New York Association for Bridge Construction and Design Spring Conference. Ed. Bill Rugg. Batavia, New York: n.p., 2016. Web. «

Md Abdullah al Faruque, Assistant Professor

Journal Paper: Faruque, Md Abdullah Al and Ram Balachandar. "Effect of Reynolds Number on Wall-normal Turbulence Intensity in a Smooth and Rough Open Channel Using both Outer and Inner Scaling." International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering 10. 12 (2016): 1469-1474. Web. «

Journal Paper: Faruque, Md Abdullah Al and Ram Balachandar. "Study the Effect of Roughness on the Higher Order Moment to Extract Information About the Turbulent Flow Structure in an Open Channel Flow." International Journal of Mechanical, Aerospace, Industrial, Mechatronic and Manufacturing Engineering 10. 5 (2016): 800-805. Web. «

Invited Keynote/Presentation: Faruque, Md Abdullah Al and Ram Balachandar. "Effect of Reynolds Number on Wall-normal Turbulence Intensity in a Smooth and Rough Open Channel Using both Outer and Inner Scaling." 18th International Conference on Civil, Environmental and Structural Engineering. World Academy of Science, Engineering and Technology. United Arab Emirates, Dubai, United Arab Emirates, Dubai. 26-27 Dec. 2016. Conference Presentation. «

Josh Goldowitz, Professor

Journal Paper: Goldowitz, Joshua, et al. "Performance of Green Wall Treatment of Brewery Wastewater." Environment Protection Engineering 42. 4 (2016): 137-149. Web. *

Drew Maywar, Assistant Professor

Published Conference Proceedings: Graitl, S. A. Al and D. N. Maywar. "Leveraging Birefringence and Gain Anisotropy in a Nonlinear Fabry-Perot Resonator to Achieve a High-Contrast Optical AND Gate." Proceedings of the Frontiers in Optics 2016; Rochester NY. Ed. S.Carney and U. Utzinger. Rochester, NY: <http://www.opticsinfobase.org/>, 2016. Web. *

Jennifer Schneider, Professor

Published Conference Proceedings: Romanowski, Carol, et al. "A Multidisciplinary Predictive Model for Managing Critical Infrastructure Disruptions." Proceedings of the Critical Infrastructure Protection X: 10th IFIP WG 11.10 International Conference, ICCIP 2016. Ed. Mason Rice and Sujeet Sheno. Arlington, VA: Springer International Publishing, 2016. Print. «

Published Conference Proceedings: Romanowski, Carol, et al. "Response and Recovery: A Quantitative Approach to Emergency Management." Proceedings of the 2016 IEEE Symposium on Technologies for Homeland Security (HST). Ed. Lance Fiondella and Kenneth Crowther. Boston, MA: IEEE, 2016. Web. *

Published Conference Proceedings: Schneider, Jennifer, et al. "Mapping a Community Resilience Management System: Building Operational Knowledge." Proceedings of the 2016 IEEE Symposium on Technologies for Homeland Security (HST). Ed. Lance Fiondella and Kenneth Crowther. Boston, MA: IEEE, 2016. Web. *

Published Conference Proceedings: Mishra, Sumita, et al. "A Modular Approach to Teaching Critical Infrastructure Protection Concepts to Engineering, Technology and Computing Students." Proceedings of the 2016 IEEE Frontiers in Education Conference (FIE). Ed. Steve Frezza and Dipo Onipede. Erie, PA: IEEE, 2016. Print. *

Published Conference Proceedings: Schneider, Jennifer, Sarah Dobie, and Kelsey Keifer. "Leapfrogging: Use of Community Sustainability Initiatives to Inform Community Resilience." Proceedings of the Resilience Week 2016. Ed. Cherrie Black and David Alderson. Chicago, IL: n.p., 2016. Web. *

Invited Article/Publication: Hummel, John and Jennifer Schneider. "The Human Landscape – The Functional Bridge between the Physical, Economic, and Social Elements of Community Resilience." The CIP Report. (2016). Web. Δ

Maureen S Valentine, Professor

Published Conference Proceedings: Valentine, Maureen, et al. "Women in Engineering Technology at RIT: Strategies to Recruit, Retain and Advance Women Engineering Technology Faculty and Students." Proceedings of the CIEC Session ETD 455. Ed. CIEC ASEE. Austin, TX: n.p., 2016. Web. «

Published Conference Proceedings: Valentine, Maureen, et al. "Connectivity at RIT - Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM." Proceedings of the ASEE Annual Conference 2016. Ed. American Society for Engineering Education. New Orleans, LA: n.p., 2016. Web. «

Published Conference Proceedings: Valentine, Maureen, et al. "Advocates & Allies: Engaging More Men in Institutional Transformation." Proceedings of the Grace Hopper 2016. Ed. Anita Borg Institute for Women and Technology. Houston, TX: Anita Borg Institute for Women and Technology, 2016. Web. *

Scott B Wolcott, Professor

Journal Paper: Wolcott, Scott, et al. "Performance of Green Wall Treatment of Brewery Wastewater." Environment Protection Engineering 42. 4 (2016): 147-159. Web. ~

Published Conference Proceedings: Morgan, Brandon, Colin Huber, and Keegan Pedersen. "Rain-on-Snow Project." Proceedings of the The National Conference On Undergraduate Research (NCUR) 2016, University of North Carolina Asheville, Asheville, North Carolina April 7-9, 2016. Ed. Mila Lemaster. Asheville, NC: n.p., Web. *

ELECTRICAL, COMPUTER AND TELECOMMUNICATIONS ENGINEERING TECHNOLOGY

Miguel Bazdresch, Assistant Professor

Published Conference Proceedings: Bazdresch, Miguel, Sneha Velayudhan, and William Johnson. "A Satellite Ground Station for Teaching Digital and Wireless Communications." Proceedings of the IEEE Frontiers in Education, Erie, PA, October 2016. Ed. N/A. Erie, PA: IEEE, Web. *

Published Conference Proceedings: Velayudhan, Sneha and Miguel Bazdresch. "A Low-Cost Mobile Ground Station for Satellite Communication in VHF Band." Proceedings of the 67th International Astronautical Congress, Guadalajara, Mexico, September 2016. Ed. N/A. Paris, France: International Astronautical Federation, Web. *

Published Conference Proceedings: Velayudhan, Sneha and Miguel Bazdresch. "Satellite-Based Experiments for a Graduate Program in Telecommunications Engineering Technology." Proceedings of the 67th International Astronautical Congress, Guadalajara, Mexico, September 2016. Ed. N/A. Paris, France: International Astronautical Federation, Web. *

FEATURED FACULTY

SUNGYOUNG KIM IS AN ASSISTANT PROFESSOR IN THE DEPARTMENT OF ELECTRICAL, COMPUTER, AND TELECOMMUNICATION ENGINEERING TECHNOLOGY.

His research focuses on developing a human-centric audio system that immerses listeners with realistic auditory environments through collaboration with Yamaha Corporation Japan.

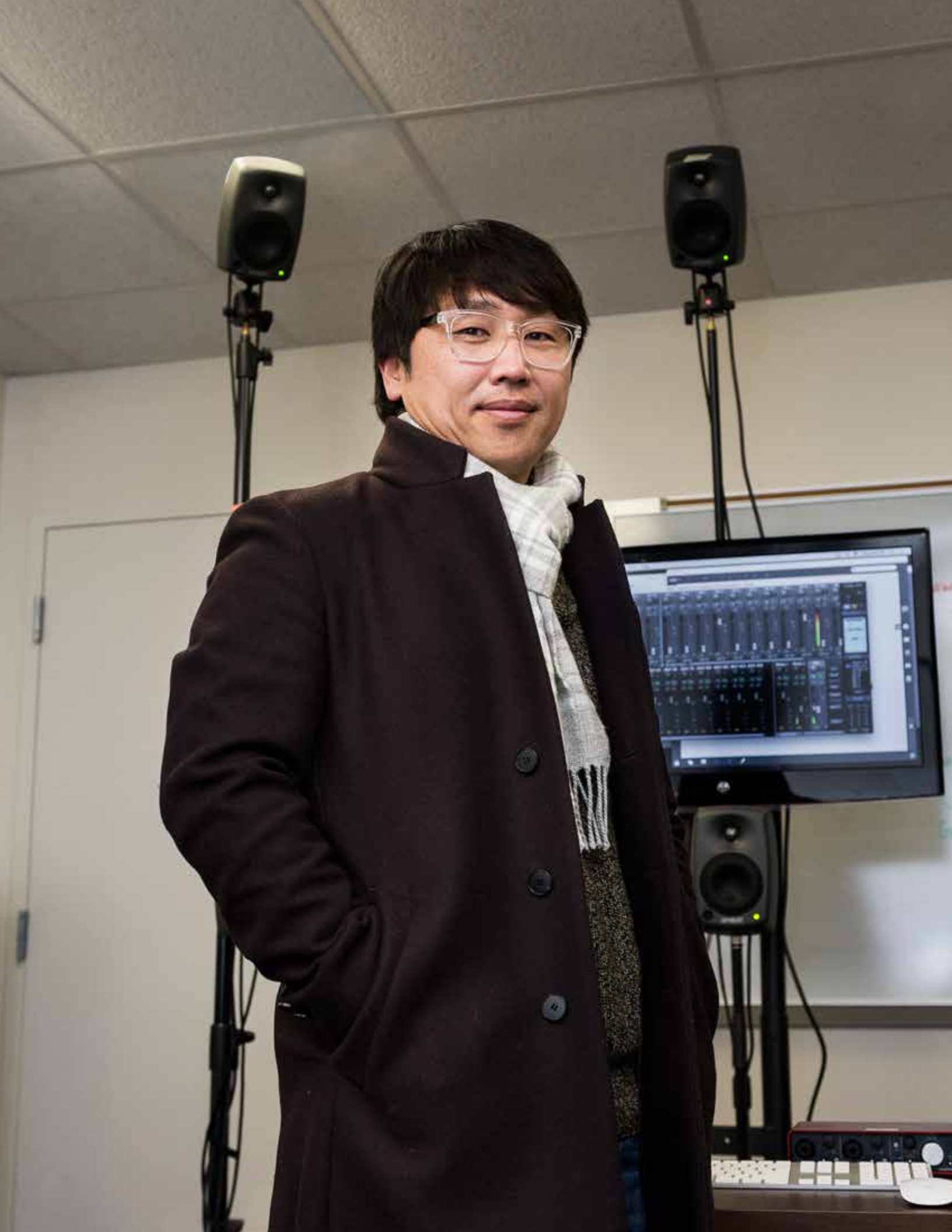
He has focused on engaging undergraduate and master students in research. With funding from Yamaha Corporation, he has conducted subjective evaluation to determine salient factors associated with an enjoyable listening environment. In collaboration with Professor Richard King in McGill University (Canada) and Professor Toru Kamekawa, they investigated the cross-cultural influence on listeners in a virtual auditory environment. Through experiments conducted in three countries, they found semantic differences influenced by cultural background of the listener groups. The results were published in Virtual Reality Journal.

His research interests include enjoyable auditory environment based on a multichannel audio system, virtual reality audio, rehabilitation of listening experience, auditory training, cross-cultural comparison of listening experience and virtual acoustics. He wrote the Surround Sound with Height Channel chapter in the first edition of the Immersive Audio (Focal Press). Prior to joining RIT, Dr. Kim worked for Korean Broadcasting System (KBS) as a recording engineer where he produced CDs and for Yamaha Corporation as a research associate where he researched human-factors for music and listening experiences. His doctoral dissertation dealt with “Influence of musical context on listeners’ preference for multichannel-reproduced piano music.”

Sungyoung Kim

Associate Professor

College of Applied Science & Technology



Published Conference Proceedings: Bazzdresch, Miguel. "Considerations for the Design of a Hands-On Wireless Communications Graduate Course Based on Software-Defined Radio." Proceedings of the IEEE Frontiers in Education, Erie, PA, October 2016. Ed. N/A. Erie, PA: IEEE, Web. *

Mark J Indelicato, Associate Professor

Published Conference Proceedings: Indelicato, Mark J., George Zion, and Joseph Nygate. "Analysis of Student Preconceptions Related to Quality of Service in Telecommunications." Proceedings of the ASEE National Conference, 2016. Ed. ASEE. New Orleans, Louisiana: ASEE, Web. «

Published Conference Proceedings: Indelicato, Mark J., et al. "Height Loudspeaker Position and its Influence on Listeners' Hedonic Responses." Proceedings of the AES, Sound Field Control July 18-20 2016, Guilford, UK. Ed. Audio Engineering Society. Guilford, UK: AES, Print. «

SungYoung Kim, Assistant Professor

External Scholarly Fellowships/National Review Committee:

1/1/2016 -
7/31/2017
Yamaha Corporation
Amount: \$11,230
≠

External Scholarly Fellowships/National Review Committee:

7/1/2016 -
12/31/2016
Revolabs Inc.
Amount: \$4,999
≠

National/International Competition Award

Winner: Imamura, Hidetaka and Sungyoung Kim. Audio Engineering Society. AES 138th Student Design Competition Silver Award. Warsaw, Poland, 2016.

Invited Keynote/Presentation: Okumura, Hiraku, Sushrut Khiwadkar, and Sungyoung Kim. "Investigating Integration Between Auditory and Visual Location Information Presented in an AR Device." VR/AR Symposium. RIT. Rochester, NY. 2 Dec. 2016. Conference Presentation.

Journal Paper: Diaz, Carlos, Hsun Yi (Sarah) Pao, and Sungyoung Kim. "Film Performance of Poly(lactic acid) Blends for Packaging Applications." Journal of Applied Packaging Researching 8. 3 (2016): 43-51. Print. «

Published Conference Proceedings: Kim, Sungyoung and Sean Olive. "Assessing Influence of a Headphone Type on Individualized Ear Training." Proceedings of the Audio Engineering Society 138th Int. Convention. Ed. AES. Warsaw, Poland: n.p., Web. «

Published Conference Proceedings: Kim, Sungyoung, et al. "Height Loudspeaker Position and its Influence on Listeners' Hedonic Responses." Proceedings of the 2016 AES International Conference on Sound Field Control. Ed. AES. Guilford, UK: n.p., 2016. Web. «

Published Conference Proceedings: Chon, Song Hui, Sungyoung Kim, and Doyuen Ko. "Effect of Room Acoustics on Listeners' Preference of String Quartet Performances Recorded in Virtual Acoustics." Proceedings of the International Conference of Music Perception and Recognition (ICMPC). Ed. ICMPC. San Francisco, CA: n.p., 2016. Web. «

Published Conference Proceedings: Wong, Matthew and Sungyoung Kim. "Source-Distance Based Panning Algorithm (SDAP) for 3D Surround Sound." Proceedings of the Audio Engineering Society 141st Int. Convention. Ed. AES. Los Angeles, CA: n.p., 2016. Web. «

Published Conference Proceedings: Kim, Sungyoung, Ron Bakker, and Masahiro Ikeda. "Comparing Preferred Spectral Balances of Listeners from Four Countries." Proceedings of the Acoustical Society of America Fall 2016 Meeting. Ed. ASA. Honolulu, Hawaii: n.p., 2016. Web. *

Published Conference Proceedings: Imamura, Hidetaka and Sungyoung Kim. "Efficacy of a New Spatial Ear Training Program for "Ensemble Width" and "Individual Source Width"." Proceedings of the Acoustical Society of America Fall 2016 Meeting. Ed. ASA. Honolulu, Hawaii: n.p., 2016. Web. *

Published Conference Proceedings: Okumura, Hiraku, Sushrut Khiwadkar, and Sungyoung Kim. "Investigating Integration Between Auditory and Visual Location Information Presented in an Augmented-reality Device." Proceedings of the Acoustical Society of America Fall 2016 Meeting. Ed. ASA. Honolulu, Hawaii: n.p., 2016. Web. *

Invited Keynote/Presentation: Levine, Justin and Sungyoung Kim. "What You Hear is What You See: A New Spatial Ear-training Paradigm on an AR Device." VR/AR Symposium. RIT. Rochester, NY. 2 Dec. 2016. Conference Presentation.

Drew Maywar, Assistant Professor

Journal Editor: Takagi, S., et al, ed. Japanese Journal of Applied Physics. Tokyo: Japan Society of Applied Physics, 2016. Print.

Journal Paper: Graitl, S. A. Al and D. N. Maywar. "Cross-Polarization-Modulation-Based Ultrahigh Contrast Operation of a Fabry-Perot All-Optical AND Gate." Electronics Letters 52. (2016): 641-643. Print. *

Shola O Olabisi

Published Conference Proceedings: Zirnheld, Jennifer, et al. "Evaluation of Epoxy Coated Resistors in High Voltage DC Surge Environments." Proceedings of the 2016 IEEE Power Modulator and High Voltage Conference. Ed. IEEE. San Francisco, CA: n.p., Web. *

Journal Paper: Muffoletto, Daniel P., et al. "Effects of Inductance on the Pressure Produced from Exploding Aluminum Metallized Capacitor Grade Polypropylene Films." IEEE Transactions on Plasma Science TPS. (2016): TPS8325. Print. *

HOSPITALITY AND TOURISM MANAGEMENT

Besim Agusaj

Published Conference Proceedings: Agusaj, Besim, Vanda Bazdan, and Djina Lujak. "The Relationship Between Online Rating, Hotel Star Category and Room Pricing Power." Proceedings of the The 1st International Conference, Sincere, Smart Ideas and New Concept of Economic Regeneration in Europe. Ed. Nebojša Stojčić, PhD. Dubrovnik, Croatia: n.p., 2016. Print. *

Journal Paper: Komnenic, Pavle, Vanda Bazdan, and Besim Agusaj. "The Organizational Climate and Employee Turnover Intention in Dubrovnik Hotels." RIThink 5. (2016): 7-14. Web. *

Yu-Chin J Hsieh

Published Conference Proceedings: Hsieh, Yuchin Jerrie, et al. "Hotel Housekeepers' Work Conditions, Occupational Stress, and Job Satisfaction." Proceedings of the Annual International Council for Hotel, Restaurant, Institutional Education Conference. Ed. Jeff Beck. Dallas, TX: ICHRIE, 2016. Print. «

Published Conference Proceedings: Sönmez, Sevil, et al. "Simulation Modeling of Occupational Health of Tourism and Hospitality Workers." Proceedings of the Annual Meeting of the Travel and Tourism Research Association. Ed. TTRA Paper Review Committee. Vail, CO: TTRA, 2016. Web. «

Published Conference Proceedings: Alqusayer, Abdulaziz, Muhammet Kesgin, and Yuchin Jerrie Hsieh. "An Analysis of Job Satisfaction and Motivational Factors Among Hotels Employees in Riyadh, the Kingdom of Saudi Arabia." Proceedings of the Annual Graduate Education & Graduate Student Research Conference in Hospitality and Tourism. Ed. Graduate Conference Paper Review Committee. Philadelphia, PA: n.p., 2016. Print. «

Journal Paper: Li, Jing, Bonnie Canziani, and Yuchin Jerrie Hsieh. "U.S. and Chinese Perceptions of Simulated U.S. Courtesy." *Worldwide Hospitality and Tourism Themes* 8. 1 (2016): 29-40. Print. «

Journal Paper: Byrd, Erick, et al. "The North Carolina Winescape: Motivating Visitors and Improving Supplementary Tourism Services." *Tourism Management* 52. (2016): 19-29. Print. «

Muhammet Kesgin, Assistant Professor

Published Conference Proceedings: Alsumait, Khaled, Murat Hancer, and Muhammet Kesgin. "Guest Waiting Experience at Hotels: Evidence from Saudi Arabia." Proceedings of the The 21st Annual Graduate Education & Graduate Student Research Conference in Hospitality and Tourism, Temple University. Ed. Chihyung "Michael" Ok. Philadelphia, Pennsylvania: Temple University, 2016. Web. *

Published Conference Proceedings: Aljahdali, Mussab and Muhammet Kesgin. "Online Reviews Content Analysis & Visitors Influence to Publish Reviews on Tripadvisor: The Case of George Eastman Museum International Museum of Photography and Film." Proceedings of the The 21st Annual Graduate Education & Graduate Student Research Conference in Hospitality and Tourism, Temple University. Ed. Chihyung "Michael" Ok. Philadelphia, Pennsylvania: Temple University, 2016. Web. *

Published Conference Proceedings: Alqusayer, Abdulaziz, Muhammet Kesgin, and Jerrie Hsieh. "An Analysis of Job Satisfaction and Motivational Factors among Hotels Employees in Riyadh, The Kingdom of Saudi Arabia." Proceedings of the The 21st Annual Graduate Education & Graduate Student Research Conference in Hospitality and Tourism, Temple University. Ed. Chihyung "Michael" Ok. Philadelphia, Pennsylvania: Temple University, 2016. Web. *

Invited Keynote/Presentation: Kesgin, Muhammet and Linden Pohland. "A nice place to live is a nice place to visit – Marketing to destination ambassadors." Visitor Industry Council Monthly Meeting. Visit Rochester. Rochester, New York. 21 Jun. 2016. Conference Presentation.

Peer Reviewed/Juried Poster Presentation: Pohland, Linden and Muhammet Kesgin. "Assessing Pulling Power of Visitor Attractions in Rochester, NY: The Case of RIT students, staff, and faculty." Proceedings of the 2016 Honors Undergraduate Research & Creativity Symposium. Ed. RIT. Rochester, New York: n.p..

MANUFACTURING AND MECHANICAL ENGINEERING TECHNOLOGY

Martin K Anselm, Assistant Professor

Published Conference Proceedings: Palaniappan, Sakthi Cibi Kannammal and Dr. Martin K. Anselm. "A STUDY ON PROCESS, STRENGTH AND MICROSTRUCTURE ANALYSIS OF LOW TEMPERATURE SnBi CONTAINING SOLDER PASTES MIXED WITH." Proceedings of the SMTAi September 2016. Ed. SMTAi. Rosemont, Illinois: SMTAi, 2016. Web. *

Published Conference Proceedings: Anselm, Dr. Martin K. "Failure Analysis: Lessons Learned." Proceedings of the Hybrid SMT. Ed. Hybrid SMT. Nurnberg, Barvaria, Germany: n.p., 2016. Web.

Published Conference Proceedings: Anselm, Dr. Martin K. "Failure Analysis: Lessons Learned." Proceedings of the SMTAi. Ed. SMTAi. Rosemont, Illinois: SMTAi, 2016. Web.

Journal Editor: Arfaei, Dr. Babak, ed. JOM Special Issue. USA: n.p., 2016. Print. «

Journal Paper: Sriperumbudur, Sai Srinivas, Dr. Martin K. Anselm, and Michael Meilunas. "Solder Paste Volume Effects on Assembly Yield and Reliability for Bottom Terminated Components." Soldering & Surface Mount Technology. (2016): 1-16. Print. *

Betsy Dell, Associate Professor

Journal Paper: Lewis, Christopher L. and Elizabeth M. Dell. "A Review of Shape Memory Polymers Bearing Reversible Binding Groups." Journal of Polymer Science Part B: Polymer Physics 54. 14 (2016): 1340-1364. Print. «

Published Conference Proceedings: Dell, Elizabeth M. and et al. "Connectivity at RIT - Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM." Proceedings of the ASEE Annual Conference & Exposition. Ed. ASEE. New Orleans, LA: n.p., 2016. Web. «

Published Conference Proceedings: Kim, Spencer and Elizabeth M. Dell. "Transforming Curriculum for Workforce Development in Green Plastics Manufacturing Technology (GPMT) for STEM: Lesson Learned." Proceedings of the 2016 2016 ASEE Annual Conference & Exposition. Ed. ASEE. New Orleans, LA: n.p., 2016. Web. «

Published Conference Proceedings: Mason, Sharon and C. Marchetti, E. Dell, M. Bailey, R. Garrick, and M. Valentine. "Advocates & Allies: Engaging More Men in Institutional Transformation." Proceedings of the 2016 ACM & Anita Borg Grace Hopper Celebration of Women in Computing. Ed. Anita Borg Institute. Houston, TX: n.p., 2016. Web. «

Published Conference Proceedings: Dell, Elizabeth M. and M. Bailey, L. Clayton, J. Christman, R. Garrick C. Marchetti, S. Mason, M. Valentine and Y. Verhoeven. "Women in Engineering Technology at RIT: Strategies to Recruit, Retain and Advance Women Engineering Technology Faculty and Students." Proceedings of the Conference for Industry & Education Collaboration. Ed. ASEE. Austin, TX: ASEE, 2016. Web. «

Robert D Garrick, Associate Professor

Published Conference Proceedings: Mason, Sharon, et al. "Advocates & Allies: Engaging More Men in Institutional Transformation." Proceedings of the at The 2016 ACM & Anita Borg Grace Hopper Celebration of Women in Computing. Ed. Anita Borg Institute for Women in Technology and the Association for Computing Machinery. Houston, Texas: n.p., 2016. Web. «

Published Conference Proceedings: Lobo, Joel, et al. "The Effect of Lean Operation, Ignition Advance, and Compression Ratio on the Performance and Emissions of a Propane Fueled Electronic Fuel Injected Engine." Proceedings of the Society of Automotive Engineers (SAE)/ (JSAE) Small Engine Technology Conference. Ed. Society of Automotive Engineers (SAE). Charleston, South Carolina: n.p., 2016. Web. «

Published Conference Proceedings: Gunderson, Kate, et al. "The Effect of Cooperative Education on Retention of Engineering Students & the Transition to Full-Time Employment." Proceedings of the American Society of Engineering Educators (ASEE). Ed. American Society of Engineering Educators (ASEE). New Orleans, Louisiana: n.p., 2016. Web. «

Published Conference Proceedings: Dell, Elizabeth, et al. "Women in Engineering Technology at RIT: Strategies to Recruit, Retain and Advance Women Engineering Technology Faculty and Students." Proceedings of the 2016 American Society for Engineering Education Conference for Industry and Education Collaboration. Ed. American Society of Engineering Educators (ASEE). Austin, TX: n.p., 2016. Web. «

Full Length Book: Villasmil, Larry and Robert Garrick. Fluid Power and The Mechanics of Fluids. Third Revised Preliminary Edition ed. San Diego, CA: Cognella academic publishing, 2016. Print. *

Spencer Kim, Associate Professor

Published Conference Proceedings: Kim, Spencer. "Transforming Curriculum for Workforce Development in Green Plastics Manufacturing Technology (GPMT) for STEM: Lesson Learned." Proceedings of the 123rd ASEE Annual Conference & Exposition, June 26 - 29, 2016 New Orleans, LA. Ed. American Society for Engineering Education. Washington DC 20036, DC: ASEE, Web. *

James H Lee, Assistant Professor

Published Conference Proceedings: Lobo, Joel Prince, et al. "The Effect of Lean Operation, Ignition Advance, and Compression Ratio on the Performance and Emissions of a Propane Fueled Electronic Fuel Injected Engine." Proceedings of the Small Engine Technology Conference. Ed. Society of Automotive Engineers. Detroit, MI: n.p., 2016. Print. «

Christopher L Lewis

Journal Paper: Lewis, Christopher L. and Elizabeth M. Dell. "A Review of Shape Memory Polymers Bearing Reversible Binding Groups." JOURNAL OF POLYMER SCIENCE, PART B: POLYMER PHYSICS 54. 14 (2016): 1340–1364. Print. *

Journal Paper: Meng, Yuan, et al. "Photoinscription of Chain Anisotropy into Polymer Networks." Macromolecules 49. 23 (2016): 9100–9107. Print. *

Larry U Villasmil, Associate Professor

Published Conference Proceedings: Villasmil, Larry A. "Numerical Simulations of Gas-Centered Swirl-Coaxial Injectors for Rocket Engine Applications. Evaluating the Ability of "Standard" Turbulence Models in Capturing the Complex Nature of Spray Atomization." Proceedings of the AIAA Aviation 2016, Washington D.C. June 13-17 2016. Ed. N/A. Washington, District of Columbia: AIAA (Thomson Reuters), 2016. Web.

PACKAGING SCIENCE

Carlos Diaz-Acosta, Assistant Professor

Journal Paper: Diaz, Carlos A, Sungyoung Kim, and Hsun Yi Pao. "Film Performance of Poly(lactic acid) Blends for Packaging Applications." Journal of Applied Packaging Research 8. 3 (2016): 43-51. Web. *

Published Conference Proceedings: Tulsyan, Gaurav, Christiaan Richter, and Carlos A Diaz. "Oxygen Scavengers Based on Titanium Oxide Nanotubes for Packaging Applications." Proceedings of the 20th IAPRI World Conference on Packaging. Ed. Silvia Tondella Dantas and Luis Madi. Campinas, Sao Paulo: CETEA Packaging Technology Center, Print. £

Changfeng Ge, Associate Professor

Journal Paper: C, GE, et al. "MEMS Based Tracking Devices for Measuring Distribution Hazards on the Product and Package." Journal of Applied Packaging Research 8. (2016): 1-13. Print. *

Journal Paper: C, Yuan L., Lu L-X., Tanl Y-L., Ge. "Weibull kinetic modeling and nutritional effects of high-hydrostatic-pressure sterilization of soft-packing boiled bamboo shoots." Food science and biotechnology 25. (2016): 469-475. Print. *

Journal Paper: L-X, Ge C, Fortuna C, Lei K, Lu. "Neat EVOH and EVOH/LDPE blend centered three-layer co-extruded blown film without tie layers." Food Packaging and Shelf life. (2016): 33-40. Print. *

Journal Paper: GE, C and Popham J. "A Review and Evaluation of Prediction Models of Gas Permeation for a Blended Flexible Packaging Film." Packaging Technology & Science. (2016): 247-262. Print. *

Journal Paper: D, Wang and C GE. "Opening of Perforated Folding Cartons: From the Field to Testing." Packaging Technology & Science. (2016): 1-8. Print. *

Journal Paper: GE, C, K Lei, and R Aldi. "Barrier, mechanical, and thermal properties of the three-layered co-extruded blown polyethylene/ethylene-vinyl alcohol/low density polyethylene film without tie layers." Journal of Thermoplastic Composite Materials. (2016): 1-9. Print. *

Journal Paper: Bayus, J, C GE, and B Thorn. "A Preliminary Environmental Assessment of Foil and Metallized Film Centered Laminates." Resources, Conservation and Recycling. (2016): 31-41. Print. *

Provisional Patent: GE, C, B Lansing, and R Aldi. "Formation and Properties of Starch/Lignin Foam." U.S. Provisional Patent Application . 62/293,464. 2016.

BIOMEDICAL SCIENCES

Cory A Crane, Assistant Professor

Journal Paper: Crane, Cory A., et al. "The Couple that Smokes Together: Dyadic Marijuana Use and Relationship Functioning during Conflict." *Psychology of Addictive Behaviors* 30. (2016): 686-693. Print. *

Journal Paper: Crane, Cory A., et al. "The Proximal Effects of Acute Alcohol Consumption on Male-to-female Aggression: A Meta-analytic Review of the Experimental Literature." *Trauma, Violence, & Abuse* 17. (2016): 520-531. Print. *

Journal Paper: Crane, Cory A., et al. "Comorbid Substance Use Diagnoses and Partner Violence Among Offenders Receiving Pharmacotherapy for Opioid Dependence." *Journal of Addictive Diseases* 35. (2016): 205-211. Print. *

Journal Paper: Easton, Caroline J. and Cory A. Crane. "Interventions to Reduce Domestic Violence Victimization/Perpetration Among People with Substance Use Disorders." *International Review of Psychiatry* 28. (2016): 533-543. Print. *

Journal Paper: Leone, Ruschelle, et al. "Problematic Drinking, Impulsivity, and Physical IPV Perpetration: A Dyadic Analysis." *Psychology of Addictive Behaviors* 30. (2016): 356-366. Print. *

Invited Keynote/Presentation: Crane, Cory A. "What Works? A Review of the Literature Assessing Treatment Options for Partner Violence Perpetration." Economic & Social Research Council seminar series. King's College. London, UK. 15 Feb. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Crane, Cory A., MacKenzie Licata, and Robert C. Schlauch. "The Effects of Alcohol on Female Responding During Laboratory Aggression Paradigms." Research Society on Alcoholism. Research Society on Alcoholism. New Orleans, LA. 15 Jul. 2016. Conference Presentation. *

DIAGNOSTIC MEDICAL SONOGRAPHY

Hamad Ghazle, Professor

Invited Keynote/Presentation: Ghazle, Hamad. "Daily Practice Hot Topics: Sonographic Recognition & Interpretation 2016." Pediatric Gastrointestinal Emergencies & Beyond. Rochester Ultrasound Society Conference. Rochester, NY. 15 Nov. 2016. Conference Presentation. £

Invited Keynote/Presentation: Ghazle, Hamad. "Complications of Renal Transplantation." Daily Practice Hot Topics: Sonographic Recognition & Interpretation 2016. Rochester Ultrasound Society Conference. Rochester, NY. 16 Nov. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Ghazle, Hamad. "Ultrasonography in Pediatric Emergencies." 2016 SDMS Annual Conference. Society of Diagnostic Medical Sonography (SDMS). Orlando, FL. 15 Oct. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Ghazle, Hamad. "The Role of Sonography in Renal Transplantation." 2016 SDMS Annual Conference. Society of Diagnostic Medical Sonography (SDMS). Orlando, FL. 15 Oct. 2016. Conference Presentation. Δ

NUTRITION MANAGEMENT

Barbara A Lohse

Journal Paper: Cunningham-Sabo, Leslie, et al. "A Cluster-randomized Controlled Study of Cooking Skills, Eating Behaviors, and Physical Activity of 4th Graders and Their Families." *BMC Public Health* 16. (2016): 444; DOI 10.1186/s12889-016-3118-6. Web. ~

Journal Paper: Quick, Virginia, et al. "A Streamlined, Enhanced Self-report Physical Activity Measure for Young Adults." *International Journal of Health Promotion and Education* 54. 5 (2016): DOI: 10.1080/14635240.2016.1169941. Web. «

Journal Editor: Editors, Barbara Lohse, Member of Board of, ed. *Journal of Nutrition Education and Behavior*. NA: Elsevier, 2016. Print.

National/International Competition Award

Winner: Lohse, Barbara. *Society of Nutrition Education and Behavior. Researcher of the Year*. San Diego, CA, 2016.

National/International Competition Award

Winner: Lohse, Barbara. *Journal of Nutrition Education and Behavior. Platinum Author Recognition Award*. San Diego, CA, 2016.

Invited Keynote/Presentation: Lohse, Barbara. "Parent Engagement in Fuel for Fun." Annual Meeting of the Society for Nutrition Education and Behavior. Society for Nutrition Education and Behavior. San Diego, CA. 2 Aug. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Lohse, Barbara. "Eating Competence Makes Eating A Reasonable Adventure." meRIT Alumni Webinar. RIT Alumni. Rochester, NY. 10 May 2016. Address. Δ

Invited Keynote/Presentation: Lohse, Barbara. "Eating Competence Makes Eating A Reasonable Adventure." Research Roundtable. PARC. Rochester, NY. 19 Apr. 2016. Address. Δ

Invited Keynote/Presentation: Lohse, Barbara. "About Eating: An Online Program with Evidence of Increased Food Resource Management Skills." *Journal Club Webinars. Society for Nutrition Education and Behavior*. Rochester, NY. 11 Apr. 2016. Address. Δ

Peer Reviewed/Juried Poster Presentation:

Lohse, Barbara and Loren Masters. "Online Survey Asserts Need for Dental Health Education and Services for Low-income and Food Insecure Adults." *Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior*, July 2016, San Diego, CA. Ed. NA. San Diego, CA: *Journal of Nutrition Education and Behavior*. «

Peer Reviewed/Juried Poster Presentation:

Lohse, Barbara, et al. "Self-reported Change in Physical Activity and Screen Time in 4th Graders Shows Gender, Seasonal and Weight Status Differences Even in Absence of an Intervention Effect." *Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior*, July 2016, San Diego, CA. Ed. NA. San Diego, CA: *Journal of Nutrition Education and Behavior*. «

Peer Reviewed/Juried Poster Presentation:

Cunningham-Sabo, Leslie, et al. "Fuel For Fun: Cooking with Kids Plus Parents and Play-Year 4 Achievements." *Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior*, July 2016, San Diego, CA. Ed. NA. San Diego, CA: *Journal of Nutrition Education and Behavior*. «

Invited Keynote/Presentation:

Lohse, Barbara. "About Eating and Other SNAP-Ed Funded Materials from the NEEDs Center of RIT's Wegmans School of Health and Nutrition." *Eat Smart New York Training Conference. Office of Temporary and Disability Assistance, SNAP-Ed*. Albany, NY. 16 Mar. 2016. Conference Presentation. Δ

FEATURED FACULTY

BARBARA LOHSE IS THE DIRECTOR OF THE WEGMANS SCHOOL OF HEALTH AND NUTRITION IN THE COLLEGE OF HEALTH SCIENCES AND TECHNOLOGY.

She completed her doctoral training in nutritional sciences and educational psychology at the University of Wisconsin-Madison. Prior to that she earned a Bachelor of Science degree in Biology and Chemistry from the University of Wisconsin-Eau Claire and a Master of Science degree in Foods and Nutrition from the University of Wisconsin-Stout. Before joining RIT she was a Research Professor at The Pennsylvania State University and Principal Investigator of the Supplemental Nutrition Assistance Program Education for the State of Pennsylvania.

Dr. Lohse's early career research focused on nutrition education strategies for healthcare professionals specifically examining problem-based learning as a nutrition education strategy. Her research with problem-based learning led to studying the use of technology to facilitate nutrition education delivery and evaluation. She demonstrated that online delivery of a nutrition course using e-mail was a feasible and effective nutrition education strategy. She created About Eating, an online program to promote weight management and healthful eating for low-income persons and general audiences. Dr. Lohse created theory-based scripts about multiple nutrition topics (e.g., whole grains, dental health, diabetes prevention), then collaborated with graphic designers to create short programs, ne/Frames for display on digital photo receivers and other screens in waiting areas and other public venues. She produced the adaptation of Mealtimes Family Time, an ne/Frames program focused on the importance of mealtimes for families with preschool age children, into a mobile app and incorporated it into her early childhood education curriculum, NEEDs for Tots. To assess NEEDs for Tots effectiveness, Dr. Lohse has led the development, evaluation, and definition of an instrument that can evaluate and diagnose child feeding issues important for child growth and health.

Dr. Lohse's greatest contribution to science is the exploration and definition of eating competence, an intra-individual approach to food and eating that entrains positive bio-psychosocial outcomes. Dr. Lohse has led the research that identified an instrument with construct validity to measure eating competence and in doing so has been able to show that eating competence is a proxy for a global measure of health. Her studies have revealed eating competence to be associated with many public health goals. The Eating Competence Inventory has been translated into 6 languages and been used in research in 8 countries on 3 continents and 17 states in America.

Barbara Lohse

Director of the Wegmans School of Health and Nutrition
College of Health Sciences and Technology

Vision

Scholars, students & citizens work the task to ensure health for all

Mission

Strategic Goals

NEEDs Home



Peer Reviewed/Juried Poster Presentation:

Prescott, Melissa, et al. "Teacher Well-being Practices are Positively Associated with Teacher Perceptions of Fuel For Fun Tasting Lessons." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior, July 2016, San Diego, CA. Ed. NA. San Diego, CA: Journal of Nutrition Education and Behavior. «

Peer Reviewed/Juried Poster Presentation:

Cady, Matthew, Barbara Lohse, and Loren Masters. "Establishing Face Validity of a Digital Program on Parent/Caregiver Roles in Enhancing Child Physical Activity." Proceedings of the American College of Sports Medicine, May 31-June 4, Boston, MA. Ed. NA. Boston, MA: Med Sci Sports Exerc.. «

Invited Keynote/Presentation:

Lohse, Barbara. "Resources from the NEEDs Center at the Wegmans School of Health and Nutrition at RIT." Department of Community Health Team Meeting. University of Rochester. Rochester, NY. 28 Jan. 2016. Address. Δ

Peer Reviewed/Juried Poster Presentation:

Cunningham-Sabo, Leslie, et al. "Challenges and Opportunities for Integrating Cooking Experiences into EFNEP and SNAP-Ed Nutrition Education for Children and Youth." Proceedings of the Food and Nutrition Conference and Exhibition, October 15 - 18, 2016, Boston, MA. Ed. NA. Boston, MA: Journal of the Academy of Nutrition and Dietetics. «

Invited Keynote/Presentation:

Lohse, Barbara. "The Making of ne/Frames: Theory-driven, Evidence-based Digital Interventions You can Access, Utilize, Design, Develop, Deliver, and Post." Annual meeting of the Pennsylvania Academy of Nutrition and Dietetics. Pennsylvania Academy of Nutrition and Dietetics. Cranberry Township, PA. 8 Apr. 2016. Conference Presentation. £

PHYSICIAN ASSISTANT**John B Oliphant, Assistant Professor**

Journal Paper: Oliphant, John. "Leadership of Humanitarian Organizations Working in Less Developed Countries: A Best Practices Analysis." The Journal of Values-Based Leadership 9. 2 (2016): 58-78. Print. *

Invited Keynote/Presentation: Oliphant, John. "Leading Short-term Medical Missions & Humanitarian Efforts in Less Developed Countries." Roads to Health Scientific Conference. Roads to Health & Tubman National Institute of Medical Arts Association. Philadelphia, PA. 8 Oct. 2016. Conference Presentation.

Invited Keynote/Presentation: Oliphant, John. "An Update on Haiti: A Recap of Medical Mission in August 2016." Kiwanis Club Meeting. Farmington-Victor Kiwanis Club. Victor, NY. 28 Oct. 2016. Address.

Invited Keynote/Presentation: Oliphant, John. "Introduction to Global Health: Lessons from Haiti and Liberia." Infectious Disease Class. RIT. Rochester, NY. 6 Oct. 2016. Guest Lecture.

Invited Keynote/Presentation: Oliphant, John. "Leading Global Health and Humanitarian Efforts in Less Developed Countries." meRIT Webinar Series. RIT Office of Development & Alumni Relations. Rochester, NY. 29 Sep. 2016. Lecture.

Invited Keynote/Presentation: Oliphant, John. "My Unexpected Educational and Career Journey: From Potsdam to Haiti & Liberia." Health Sciences & Technology Student Association Meeting. RIT Health Sciences & Technology Student Association. Rochester, NY. 11 Mar. 2016. Address.

Invited Keynote/Presentation: Oliphant, John. "Health Sciences Students' Interest in & Attitudes About Global Health Educational Experiences." 2nd Annual Rochester Global Health Symposium. University of Rochester. Rochester, NY. 21 Apr. 2016. Conference Presentation.

Invited Keynote/Presentation: Oliphant, John. "Health Sciences Students' Interest in & Attitudes About Global Health." Research Symposium on Leadership and Policy. Niagara University. Lewiston, NY. 7 May 2016. Conference Presentation.

Invited Keynote/Presentation: Noll, Matthew and John Oliphant. "An Analysis of Undergraduate Educational Programs in Global Health." American Academy of Physician Assistants Annual Conference. AAPA. San Antonio, TX. 18 May 2016. Conference Presentation. £

SCHOOL FOR AMERICAN CRAFTS

Robin Cass, Professor

Shows/Exhibits/Installations: Cass, Robin. MENAGERIE portals: Ocular bulbipods/Clavate anthus (juvenile)/Ocular bulbipods with stigmata effuses (mature)/Globose bachatus. Sep. 2016. Tianyuan Glass Art Festival 2016, Tianyuan, China. Exhibit. ≠

Invited Keynote/Presentation: Cass, Robin, et al. "Creating Context: All Together Now." Glass Art Society Conference. Corning Museum of Glass. Corning, NY. 11 Jun. 2016. Conference Presentation. ~

Shows/Exhibits/Installations: Cass, Robin. Traveling Menagerie. May 2016. Exhibit A Gallery, Corning. Exhibit.

SCHOOL OF ART

Elizabeth Kronfield, Associate Professor

Shows/Exhibits/Installations: Kronfield, Elizabeth. Swept. 10 Jan. 2016. SanBao Gallery, Jingdezhen. Exhibit.

Shows/Exhibits/Installations: Kronfield, Elizabeth. Bits and Pieces. 29 Feb. 2016. SUNY Cortland Gallery, Cortland. Exhibit.

Shows/Exhibits/Installations: Kronfield, Elizabeth. Empty Baskets. 1 Jun. 2016. St Louis Community College, St Louis. Exhibit.

Shows/Exhibits/Installations: Kronfield, Elizabeth. Impulsion Again. 1 Jun. 2016. Steamworks Gallery, Scranton. Installation.

Alan D Singer, Professor

Invited Paper: Singer, Alan. "Alan Singer Print-making." Create Magazine. (2016). Print. Δ

Shows/Exhibits/Installations: Singer, Alan. Professor. Sept 18 Dec. 2016. Windsor Whip Works, Windsor, New York. Exhibit.

Invited Paper: Singer, Alan and Rebecca Rafferty. "Mathematics." ARTVOICES. (2016). Web. Δ

Sarah E Thompson, Assistant Professor

Invited Keynote/Presentation: Thompson, Sarah. "The Power of Absence: The Missing North Tower of Saint-Denis." International Congress on Medieval Studies. Western Michigan University. Kalamazoo, MI. 14 May 2016. Conference Presentation. £

SCHOOL OF DESIGN

Deborah A Beardslee, Associate Professor

Invited Keynote/Presentation: Beardslee, Deborah. "Activating the Archives through Information Design" Students' Explanatory Diagrams and Time-based Solutions / Vignelli Center for Design Studies." College Art Association Conference. College Art Association (CAA). Washington, DC. 4 Feb. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Beardslee, Deborah. "Interjection / Integration: Devising Charrettes & Critiques for Experiential Graphic Design Classrooms." Society for Experiential Graphic Design Conference / Academic Summit. Society for Experiential Graphic Design (SEGD). Seattle, WA. 9 Jun. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Beardslee, Deborah. "Developing Experiential Graphic Design Assignments: Systems Flex and Other Eccentric Pedagogical Strategies." International Visual Literacy Association Conference. International Visual Literacy Association (IVLA). Montreal, Canada. 6 Oct. 2016. Conference Presentation. Δ

Shows/Exhibits/Installations: Beardslee, Deborah. Untitled. Jan. 2016. Image City Photography Gallery, Rochester, NY. Exhibit. £

Shows/Exhibits/Installations: Beardslee, Deborah. Iteration. Feb. 2016. Mill Arts Center, Honeoye Falls, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. Pleiades. Dec. 2016. Rochester Contemporary Arts Center, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. 2 Submissions: D/E/M/H, D/Pleiades. Oct. 2016. RIT Bevier Gallery, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. Untitled. Jun. 2016. Rochester Contemporary Arts Center, Rochester, NY. Exhibit.

Nancy A Bernardo, Assistant Professor

National/International Competition Award Winner: Bernardo, Nancy. PRINT Magazine. 2016 Print Regional Design Awards. Blue Ash, OH, 2016. *

National/International Competition Award Winner: Bernardo, Nancy. Society of Typographic Arts. STA 100. Chicago, IL, 2016. *

National/International Competition Award Winner: Bernardo, Nancy. Creative Quarterly. Creative Quarterly 45, Runner-up Graphic Design. New York City, NY, 2016. *

National/International Competition Award Winner: Bernardo, Nancy. Creative Quarterly. Creative Quarterly 44, Runner-up Graphic Design. New York City, NY, 2016. *

Nancy A Ciolek, Associate Professor

Full Length Book: Ciolek, Nancy and Chris Jackson. Digital Design in Action: Creative Solutions for Designers. First ed. Boston, MA: CRC Press, 2016. Print. *

Shaun C Foster, Assistant Professor

Book Chapter: Foster, Shaun and Jacob Brostoff. "Digital Doppelgängers: Converging Technologies and Techniques in 3D World Modeling, Video Game Design and Urban Design." Media Convergence Handbook - Vol. 2. Ed. Artur Lugmayr and Cinzia Dal Zotto. New York, NY: Springer, 2016. 175-189. Print.

Mary E Golden

Published Conference Proceedings: Golden, Mary, et al. "Undergraduate Research as an Experiential Forum for Exploring the Design Process: A Panel Discussion of Pedagogical Methodology, Outcomes, and Student Perspectives." Proceedings of the Interior Design Educator's Council East Regional Conference. Ed. IDEC. Boston, Mass: n.p., 2016. Print. «

Invited Article/Publication: Golden, Mary. "INHABIT: An Interior Space for Work, Rest and Play." IDEC Teaching and Innovation. (2016). Web. «

Invited Article/Publication: Golden, Mary. "The Poetics of Ephemeral Illumination." IDEC Perspectives Video Shorts. (2016). Web. «

Chris Jackson, Professor

Full Length Book: Jackson, Chris and Nancy Ciolek. Digital Design in Action: Creative Solutions for Designers. First ed. New York, NY: CRC Press, 2016. Print. *

FEATURED FACULTY

DAVID LONG IS THE PROGRAM CHAIR AND ASSOCIATE PROFESSOR FOR THE BACHELOR OF SCIENCE MOTION PICTURE SCIENCE PROGRAM IN THE COLLEGE OF IMAGING ARTS AND SCIENCES.

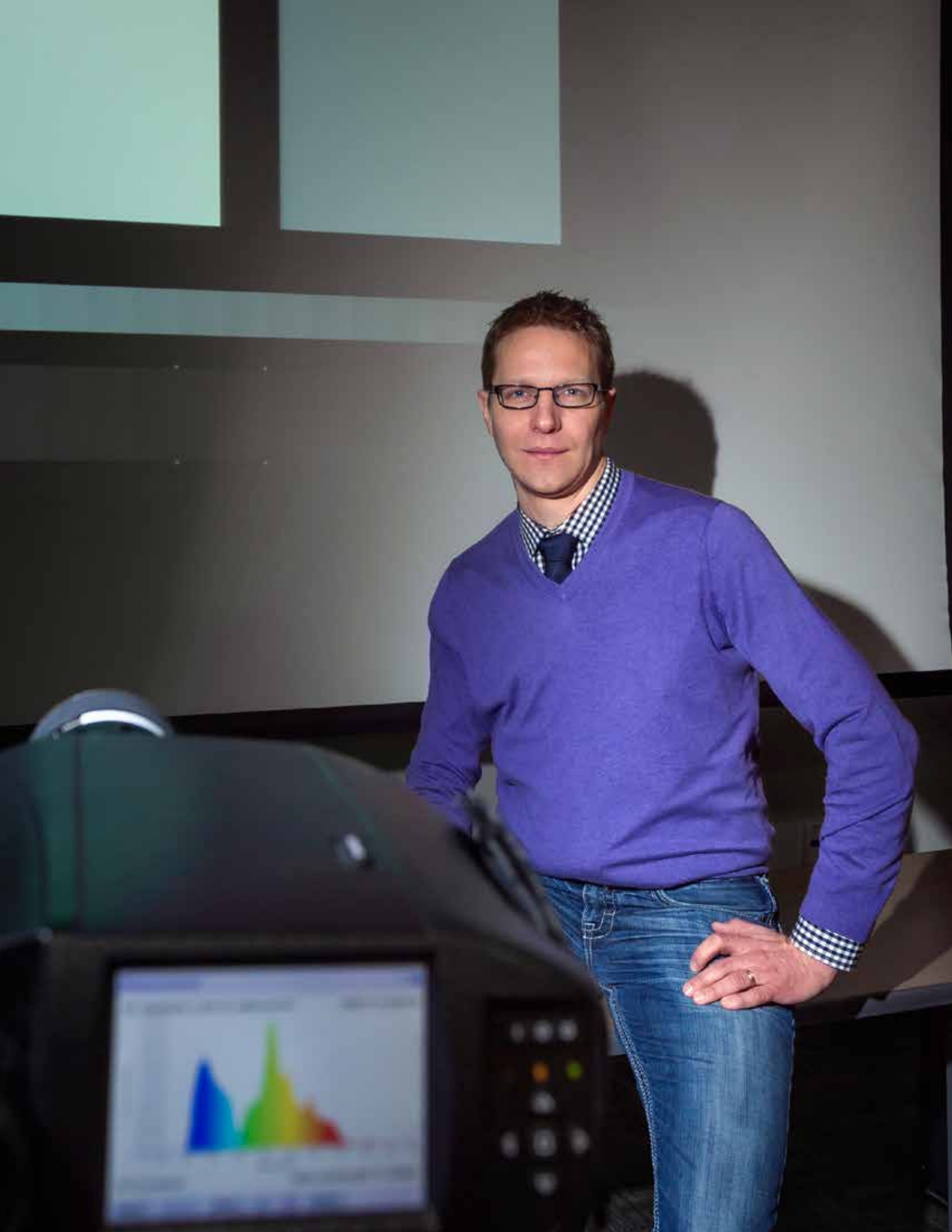
He completed his BS in Chemical Engineering from the University of Texas at Austin, an MS in Materials Science from the University of Rochester, and a PhD in Color Science from Rochester Institute of Technology.

His research in motion picture science, focuses on the crossover between physics and psychology viewers experience when they are subjected to cinema and television displays. For over a century, motion pictures were distributed via film in theaters at 24 still frames per second or via analog video technology on televisions at 30 or 60 frames per second. Specifically, the human perception of reproduced color and apparent motion were consistent and fairly well understood for each system. But future systems are rapidly breaking the old rules. Rather than color being formed by the layering of cyan, magenta and yellow dyes on a piece of film or glowing red, green and blue phosphors on a CRT television screen, new digital displays are increasingly using advanced photonic systems based on lasers, LED and quantum dots. Further, they are capable of providing image refresh rates well above 24 or 60 fps.

But the eye and mind react to these new systems differently than they did to the old. Laser light engines used in projectors promise a greatly increased palette of colors for the screen but they exacerbate natural variability in human color vision. This means individuals will actually interpret the colors in a movie differently based on their own unique physiology. In a marketplace where images and colors on the screen are meticulously controlled by artists, this variability of experience is a big concern. And emerging trends in higher framerate delivery also impact perception, as we learned when Peter Jackson released *The Hobbit* in 48 fps to theaters. High framerates are known to make images appear sharper and more realistic. But cinema audiences also associate this imagery with cheap or fake production quality, likening it to soap operas or video games. In motion picture science, we work to fully understand the influence of these engineering decisions on human perception in the movies.

David Long

Program Chair and Associate Professor
College of Imaging Arts and Sciences



Alex Lobos, Assistant Professor

Published Conference Proceedings: Lobos, Alex. "Beyond Death: Using Design to Transcend Life, Memories and Traditions." Proceedings of the 10th International Conference on Design and Emotion. Ed. Pieter Desmet, et al. Amsterdam, Netherlands: n.p., 2016. Web. *

Published Conference Proceedings: Lobos, Alex. "T-Splines Modeling and Photorealistic Rendering in Fusion 360." Proceedings of the Autodesk University. Ed. Autodesk. Las Vegas, NV: n.p., 2016. Web. *

Invited Keynote/Presentation: Lobos, Alex. "Diseñando Tradiciones, Tecnología y Durabilidad." Jornadas del Diseño. Universidad Rafael Landivar. Guatemala, Guatemala. 8 Sep. 2016. Keynote Speech. Δ

Invited Keynote/Presentation: Lobos, Alex. "Life, Behavior and Death in Sustainable Design." Fabrica Design Research Centre. Fabrica Design Research Centre. Treviso, Italy. 20 Jan. 2016. Lecture. Δ

Invited Keynote/Presentation: Lobos, Alex. "Sustainability and Emotional Attachment in Design at RIT." University of Ferrara. University of Ferrara. Ferrara, Italy. 26 Jan. 2016. Lecture. Δ

Josh K Owen, Professor

Invited Keynote/Presentation: Owen, Josh. "Invited Presentation." The 14th International Design Culture Conference. Museum of Art Seoul National University. Seoul, Korea. 4 Oct. 2016. Guest Lecture.

Invited Keynote/Presentation: Owen, Josh. "Invited Lecture." CCAD Beeler Gallery Visiting Artists & Scholars. CCAD Beeler Gallery. Columbus, OH. 18 Feb. 2016. Lecture.

National/International Competition Award Winner: Owens, Josh. ICFF Editors' Award. 2016 Best School. New York, NY, 2016. £

Museum Collection Acquisition: Owens, Josh. Menorah. Mixed. Memorial Art Gallery. (2016).

Manufactured Product: Josh, . Torq nutcracker. Mixed. OTHR. (2016).

Full Length Book: Owens, Josh. Lenses for Design. 1 ed. Rochester, NY: RIT Press, 2016. Print. *

Full Length Book: Owens, Josh. Metaproject 06: Poppin. 1 ed. Rochester, NY: RIT Press, 2016. Print. *

Adam Smith

Invited Keynote/Presentation: Smith, Adam and Tim Wood. "Interdisciplinary Program Design & User Experience at Rochester Institute of Technology." IxDA 16 Summit. IxDA. Helsinki, Finland. 28 Feb. 2106. Conference Presentation. £

SCHOOL OF FILM AND ANIMATION

Cathleen Ashworth, Associate Professor

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 21 Jan. 2016. Indianer Inuit Film Das Nordamerika Film Festival - Juried Festival, Stuttgart, Germany. Exhibit.

National/International Competition Award Winner: Ashworth, Cathleen. Indianer Inuit Film Das Nordamerika Film Festival. Best Animated Film - Iroquois Creation Story. Stuttgart, Germany, 2016.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 4 Mar. 2016. Green Bay Film Festival, Green Bay, Wisconsin. Exhibit.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 23 Mar. 2016. Maoriland Film Festival, Otkai, New Zealand. Exhibit.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 19 Apr. 2016. Bare Bones International Film and Music Festival, Muskogee, OK. Exhibit.

National/International Competition Award

Winner: Ashworth, Cathleen. Bare Bones International Film and Music Festival. Best Animated Film - Iroquois Creation Story. Muskogee, OK, 2016.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 15 Apr. 2016. Buffalo Niagara International Film Festival, Tonawanda, NY. Exhibit.

National/International Competition Award

Winner: Ashworth, Cathleen. Buffalo Niagara International Film Festival. Best Animated Film - Iroquois Creation Story. Tonawanda, NY, 2016.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 29 Apr. 2016. Syracuse International Film Festival, Syracuse, NY. Exhibit.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 3 Jun. 2016. Wairoa Maori Film Festival, Wairoa, New Zealand. Exhibit.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 28 Jul. 2016. One Flaming Arrow Inter-Tribal Film Festival, Portland, Oregon. Exhibit.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 28 Jul. 2016. Asinabka Film and Media Arts Festival, Ottawa, Canada. Exhibit.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 15 Sep. 2016. 12th Annual Bay Street Film Festival, Thunder Bay, Canada. Exhibit.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. 16 Oct. 2016. Tulsa American Film Festival, Tulsa, OK. Exhibit.

Shows/Exhibits/Installations: Ashworth, Cathleen. Iroquois Creation Story. Nov. 2016. 41st Annual American Indian Film Festival, San Francisco, CA. Exhibit.

National/International Competition Award

Winner: Ashworth, Cathleen. 41st Annual American Indian Film Festival. Nominated for Best Animation. San Francisco, CA, 2016.

Invited Keynote/Presentation: Ashworth, Cathleen. "Creative Cultural Collision." Fabrica/CIAS Collaboration. Fabrica Communication Research Center. Treviso, Italy. 12 Jul. 2016. Keynote Speech.

Invited Keynote/Presentation: Ashworth, Cathleen. "Heart of a Dog- panelist." Take One-Stories Through the Lens. Little Theater. Rochester, NY. 8 Mar. 2016. Lecture.

Jack A Beck

Invited Keynote/Presentation: Beck, Jack. "SOFA Request for Membership." CILECT Congress. Griffith Film School. Brisbane, AUS, QLD. 21 Nov. 2016. Address.

Shows/Exhibits/Installations: Beck, Jack. Church Wall, Sarajevo. Dec. 2016. Rochester Contemporary Museum Members Exhibition and Presentation, Rochester, NY. Exhibit. £

Invited Keynote/Presentation: Beck, Jack. "A Call for the Mise-en-Bande in an Image-Centered Lexicon." UFVA Conference: Content Creation in the 21st Century. University of Las Vegas. Las Vegas, NV. 3 Aug. 2016. Lecture. *

Invited Keynote/Presentation: Beck, Jack. "Conveying Point of Audition for the Hearing-Impaired Character." UFVA Conference: Content Creation in the 21st Century. Las Vegas University. Las Vegas, NV. 1 Aug. 2016. Lecture. *

Mari J Blanchard

Shows/Exhibits/Installations: Blanchard, Mari Jaye. Tired Tongues. Dir. David Yockel Jr.. Aug. 2016. Westbeth Gallery, New York. Installation. ~

Shows/Exhibits/Installations: Blanchard, Mari Jaye. Every Single Inch of Ground. Dir. Naghmeh Farzaneh. 24 Nov. 2016. Museum van Loon, Amsterdam. Exhibit. ~

Shows/Exhibits/Installations: Blanchard, Mari Jaye. Every Single Inch of Ground. Dir. Naghmeh Farzaneh. Dec. 2016. Lite-Haus, Berlin. Exhibit. ~

Thomas D Gasek, Associate Professor

Invited Keynote/Presentation: Gasek, Tom. "Non-Puppet Photographic Animation." Fulbright Grantee. Pontifical Catholic University of Peru. Lima, Peru. 18- 4/3 Dec. 2016. Lecture. *

David L Long, Associate Professor

Journal Paper: Long, David and Mark D. Fairchild. "Observer Metamerism Models and Multiprimary Display Systems." SMPTE Motion Imaging Journal. April (2016): 18-29. Print. *

Published Conference Proceedings: Cooper, Sean, Elizabeth Pieri, and David Long. "Is There an Uncanny Valley in Frame Rate Perception." Proceedings of the 2016 SMPTE Annual Technology Conference. Ed. Joel Welch. Los Angeles, CA: Society of Motion Picture and Television Engineers, 2016. Web. *

Published Conference Proceedings: Sriramachandramurthy, Rajendran, et al. "Second Screens: The Case of Distraction vs. Enhanced Engagement." Proceedings of the 2016 SMA Conference. Ed. Alvin J. Williams. Atlanta, GA: n.p., 2016. Web. *

SCHOOL OF MEDIA SCIENCES

Christopher Bondy, Visiting Assistant Professor

Invited Keynote/Presentation: Bondy, Christopher. "Bringing Digital Print to Life." KonicaMinolta dealer training event. KonicaMinolta. San Diego, CA. 12 Jan. 2016. Keynote Speech. Δ

Invited Keynote/Presentation: Bondy, Christopher. "Boost Operational Efficiency and Drive Success." Pitney Bowes Webinar. Pitney Bowes. Rochester, NY. 17 Mar. 2016. Lecture. Δ

Invited Keynote/Presentation: Bondy, Christopher. "Xerox New Hire Training." Xerox New Hire Training Event. Xerox Corporation. Rochester, NY. 24 Jan. 2016. Lecture. Δ

Invited Keynote/Presentation: Bondy, Christopher. "Transforming Your Business: Sales-Driven Marketing Solutions Provider Roadmap." Allegra Franchise Network, Annual Franchise Conference. Allegra Franchise Network. San Antonio, TX. 6 May 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Bondy, Christopher. "New Business Models for Print." DRUPA – Düsseldorf, Germany. DRUPA. Düsseldorf, Germany. 3 Jun. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Bondy, Christopher. "Transformation Mandate." KonicaMinolta Dealer Summit. KonicaMinolta. Aspen, CO. 30 Aug. 2016. Keynote Speech. Δ

Invited Article/Publication: Bondy, Christopher, Wayne Peterson, and Dr. Joe Webb. "The Decline and Fall of Marketing." WhatTheyThink.com. (2016). Web. Δ

Invited Keynote/Presentation: Bondy, Christopher. "Leveraging Hybrid Technologies for Print Growth." DRUPA – Düsseldorf, Germany. DRUPA 2016. Düsseldorf, Germany. 3 Jun. 2016. Conference Presentation. Δ

Published Review: Bondy, Christopher. "Drupa 2016 is Behind Us. Now what?" Rev. of Drupa 2016 is Behind Us. Now what?, ed. Cary Sherburne. Drupa 2016 is Behind Us. Now what? 11 Aug. 2016: 3. Web. ^

Twyla Cummings, Professor

Invited Keynote/Presentation: Cummings, Twyla J. "Diversity and Inclusion in the U.S. Graphic Communication Industry." Society for the Advancement of Management 2016 International Business Conference. Society for the Advancement of Management. Arlington, VA. 9 Apr. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Cummings, Twyla J. "Educational and Career Challenges for Women: Strategies for Success." Women's Council of RIT March Meeting. Women's Council of RIT. Rochester, NY. 16 Mar. 2016. Guest Lecture.

Invited Keynote/Presentation: Cummings, Twyla J. "Breaking the Glass: Success Strategies for Women in Academia." American Association of University Women District Conference. American Association of University Women. Rochester, NY. 29 Oct. 2016. Conference Presentation.

Published Conference Proceedings: Cummings, Twyla J. "Diversity and Inclusion in the U.S. Graphic Communication Industry." Proceedings of the Society for the Advancement of Management 2016 International Conference. Ed. Dr. Moustafa H. Abdelsamad. Corpus Christi, TX: Society for the Advancement of Management, Web. Δ

Robert J Eller

Published Conference Proceedings: Samworth, Mark and Robert Eller. "Evaluating the Impact of Printing, Color Reproduction, and Screening Technologies on Image Preference." Proceedings of the 2016 TAGA Annual Technical Conference. Ed. John Seymour. Warrendale, PA: n.p., Print. £

Bruce Myers, Assistant Professor

Published Conference Proceedings: Myers, Bruce Leigh and Shu Chang. "Metrology for 3D Printing: Assessing Methods for the Evaluation of 3D Printing Products." Proceedings of the Technical Association of the Graphic Arts (TAGA). Ed. PIA - Printing Industries of America. Warrendale, PA: PIA - Printing Industries of America, 2016. Print. *

SCHOOL OF PHOTOGRAPHIC ARTS & SCIENCES

Rachel J Ferraro, Lecturer

Invited Article/Publication: Rabin, Roni Caryn and Rachel Jerome Ferraro. "Want a Zika Test? It's Not Easy." The New York Times. (2016). Print. ^

Invited Article/Publication: Belluk, Pam and Rachel Jerome Ferraro. "A Guide to Help Pregnant Women Reduce Their Zika Risk." The New York Times. (2016). Print. ^

Invited Article/Publication: Powell, Mike and Rachel Jerome Ferraro. "What You Get for \$1.5M." The New York Times. (2016). Print. ^

Invited Article/Publication: Tabuchi, Hiroko and Rachel Jerome Ferraro. "Volkswagen Faces Long Road Ahead, After Civil Settlement." The New York Times. (2016). Print. ^

Shows/Exhibits/Installations: Ferraro, Rachel Jerome. Group Exhibition: The Plastic Crucible. 23 Apr. 2016. Makers Gallery, Rochester, NY. Exhibit. ~

Invited Article/Publication: Lake, Laura and Rachel Jerome Ferraro. "Key Differences Between Marketing and Advertising." The Balance. (2016). Web. ^

Invited Article/Publication: Ferraro, Rachel Jerome. "How Do Advertisements Persuade People?" reference.com. (2016). Web.

Invited Article/Publication: Kuther, Tara and Rachel Jerome Ferraro. "Is Graduate School for You?" about.com. (2016). Web.

Invited Article/Publication: Grant, Sarah and Rachel Jerome Ferraro. "Few Black College Students Major in High-Paying Fields." Bloomberg.com. (2016). Web.

Invited Article/Publication: Conger, Cristen and Rachel Jerome Ferraro. "How Accurate is our Mental Image of Ourselves?" How Stuff Works: Science. (2016). Web.

Gregory Halpern, Assistant Professor

Full Length Book: Halpern, Gregory. ZZYZX. London, United Kingdom: MACK, 2016. Print. * ≠

Angela Kelly, Associate Professor

Book Chapter: Kelly, Angela. "Catharsis: Images of Post Conflict Belfast, Chapter 3." 10 Must Reads Contemporary Photograph. Ed. Graeme Farnell. Edinburgh, UK: Museums ETC, 2016. 58-73. Print. ~

Shows/Exhibits/Installations: Kelly, Angela. Images of the Silk Road: Tianshui Photographic Biennale. 10 Jun. 2016. Tianshui Photography Biennale, Tianshui, China, Tianshui, China. Exhibit.

Invited Keynote/Presentation: Kelly, Angela, Jae Hyun Seok,, and Jeong Lok Lee. "State of Photography." Tianshui Biennale. Xi'an College of Art , Xi'an China. Xi'an, Shaanxi Province. 16 Jun. 2016. Guest Lecture.

Published Conference Proceedings: Kelly, Angela. "Neither Here nor There." Proceedings of the Photography and Britishness. Ed. Martine Droth. New Haven, Ct.: Yale Center for British Art, 2016. Web. Δ

Laurie C O Brien

Shows/Exhibits/Installations: O'Brien, Laurie. Peephole Cinema. 29 Sep. 2016. San Francisco International Airport, San Francisco. Installation.

Michael R Peres, Professor

Full Length Book: R, Peres, Michael, et al. Laboratory Imaging and Photography. 1st ed. New York, NY: Routledge, 2016. Print. *

Full Length Book: R, Peres, Michael and Patricia Cost. Michael Photographs a Snowflake. 1st ed. Rochester, NY: Fossil Press, 2016. Print.

Joshua J Thorson, Visiting Assistant Professor

Shows/Exhibits/Installations: Thorson, Joshua. To Music (Act II). By Nick Hallett and Joshua Thorson. 15 Dec. 2016. Merkin Concert Hall, New York, NY. Performance. ≠

Shows/Exhibits/Installations: Thorson, Joshua. In Xanadu (part of Words & Works collab with MURIT). 11-22 Oct. 2016. Rochester Design Center, Rochester, NY. Installation. £

Shows/Exhibits/Installations: Thorson, Joshua. Pinochet Porn. Dir. Ellen Cantor. 31 Oct. 2016. Museum of Modern Art, New York, NY. Exhibit. Δ

Invited Keynote/Presentation: Gangitano, Lia, et al. "Making of Pinochet Porn." Mine Are 'True' Love Stories...: Ellen Cantor. Skowhegan Art. New York, NY. 11 Nov. 2016. Lecture. Δ

Catherine Zuromskis

Invited Article/Publication: Zuromskis, Catherine. "Snapshot Photography, Now and Then: Making, Sharing, and Liking Photographs at the Digital Frontier." afterimage. (2016). Print. Δ

Invited Keynote/Presentation: Zuromskis, Catherine. "Snapshot Photography, Now and Then: On Making, Sharing, and Liking Photographs at the Digital Frontier." Kern Conference on Visual Communication. RIT. Rochester, NY. 15 Apr. 2016. Keynote Speech. Δ

Published Conference Proceedings: Zuromskis, Catherine. "Complicating Images: On Claudia Rankine's Citizen." Proceedings of the Association for the Study of Arts of the Present annual Conference, 2016. Ed. Daniel Worden. Los Angeles, CA: LA Review of Books, 2016. Web. Δ

DEAN'S OFFICE

Laverne McQuiller, Associate Professor

Journal Paper: LaVerne, McQuiller Williams,, Porter, Judy, and Smith, Tony. "Understanding date rape attitudes and behaviors: Exploring the influence of race, gender and prior sexual victimization." *Victims and Offenders: An International Journal of Evidence-based Research, Policy and Practice* 11. 2 (2016): 173-198. Print. *

DEPARTMENT OF COMMUNICATION

Ammina B Kothari, Assistant Professor

Journal Paper: Kothari, Ammina. "Signifying Aids: How media use metaphors to define a disease." *African Journalism Studies* 37. 2 (2016): 19-39. Print. £

Journal Paper: Hickerson, Andrea and Ammina Kothari. "Learning in Public Faculty and Student Opinions About Social Media in the Classroom." *Journalism & Mass Communication Educator*. (2016): 1-20. Web. * « £

Journal Paper: Ehmer, Emily and Ammina Kothari. "Coverage of Burmese refugees in Indiana news media: An analysis of textual and visual frames." *Journalism: Theory, Practice and Criticism..* (2016): 1-20. Print. * « £

Invited Keynote/Presentation: Kothari, Ammina. "'UK media coverage of the Syrian humanitarian crisis.'" Association for Education in Journalism and Mass Communication, Annual Conference. Association for Education in Journalism and Mass Communication,. Minneapolis, MN. 6 Aug. 2016. Conference Presentation. Δ ≠

Invited Keynote/Presentation: Kothari, Ammina. "Understanding hijab: Muslim women's motivations for communicating on Tumblr and Instagram." International Communication Association Annual Conference. International Communication Association. Fukuoka, Japan. 10 Jun. 2016. Conference Presentation. « £

Invited Keynote/Presentation: Kothari, Ammina. "'Mobile technology and health data: Challenges and opportunities of formulating policies in sub-Saharan Africa to govern global distribution of health information.'" International Communication Association's Annual Conference. International Communication Association. Fukuoka, Japan. 12 Jun. 2016. Conference Presentation. * « £

Hinda B Mandell, Assistant Professor

Full Length Book: Mandell, Hinda and Gina M. Chen. *Scandal in a digital age*. NY, NY: Palgrave Macmillan, 2016. Print. «

Book Chapter: Mandell, Hinda and Gina M. Chen. "Introduction: Scandal in the Age of Likes, Selfies, Retweets and Sexting." *Scandal in a digital age*. Ed. Hinda mandell and Gina M. Chen. NY, NY: Palgrave Macmillan, 2016. 3-14. Print. «

Book Chapter: Chen, Gina M. and Hinda mandell. "Predicting a New Scandal Environment in the 21st Century." *Scandal in a digital age*. Ed. hinda mandell and Gina M. Chen. NY, NY: Palgrave Macmillan, 2016. 209-216. Print. «

Journal Paper: Mandell, Hinda and Gina M. Chen. "Scandal-clad Politicians, Scorned Wives and Salacious News: Reaction to Contemporary Sex Scandals and Spousal Support in Times of Public Crisis." *Interactions: Studies in communication and culture* 7. 1 (2016): 85-98. Print. «

Jonathan Schroeder, Professor

Journal Paper: Schroeder, Jonathan. "Editorial." *Consumption Markets & Culture* 19. 6 (2016): 509-510. Print. Δ

Journal Editor: Schroeder, Jonathan E, ed. *Consumption Markets & Culture*. New York: Routledge, 2016. Print. «

Book Chapter: Schroeder, Jonathan, Janet Borgerson, and Zhiyan Wu. "A Brand Culture Perspective on Global Brands." *The Routledge Companion to Contemporary Brand Management*. Ed. Francesca Dall'Olmo Riley, Jaywant Singh, and Charles Blankson. London, UK: Routledge, 2016. 153-163. Print. Δ £

Journal Paper: Iqani, Mehita and Jonathan E Schroeder. "#Selfie: Digital Self-portraits as Commodity Form and Consumption Practice." *Consumption Markets & Culture* 19. 5 (2016): 405-415. Print. * «

Journal Paper: Kedzior, Richard, Douglas E. Allen, and Jonathan E Schroeder. "The Selfie Phenomenon – Consumer Identities in the Social Media Marketplace." *European Journal of Marketing* 50. 9/10 (2016): 1767-1772. Print. £

National/International Competition Award

Winner: Wu, Zhiyan, et al. China International Marketing Conference. Best Paper. Qingdao, China, 2016. *

Published Review: Schroeder, Jonathan. "Book Review." Rev. of *Cold War Modernists: Art, Literature, and American Cultural Diplomacy*, by Greg Barnhisel. *Journal of Consumer Culture* 2016: 1-3. Web. £

Journal Editor: Schroeder, Kedzior, Richard, Douglas E. Allen, and Jonathan E, ed. *European Journal of Marketing - Special Issue*. Bingley, UK: Emerald, 2016. Print. «

Xiao Wang, Assistant Professor

Journal Paper: Wang, Xiao and Andrea Hickerson. "The Role of Self-Affirmation and User Status in Readers' Response to Identity-Threatening News." *Communication Research*. (2016): 1045-1064. Print. «

Journal Paper: Wang, Xiao. "To Communicate or Not to Communicate: Factors Predicting Passengers' Intentions to Ask a Driver to Stop Text Messaging While Driving." *Health Communication* 31. 5 (2016): 617-625. Print. «

Journal Paper: Wang, Xiao. "Excelling in multi-tasking and enjoying the distraction: Predicting intentions to read and send text messages while driving." *Computers in Human Behavior* 64. (2016): 584-590. Print. «

Journal Paper: Wang, Xiao and Andrea Hickerson. "The Role of Presumed Influence and Emotions in Audience Evaluation of the Credibility of Media Content and Behavioral Tendencies." *Journal of Creative Communications* 11. 1 (2016): 1-16. Print. «

Tracy Worrell, Associate Professor

Invited Keynote/Presentation: Worrell, Tracy R. and Kelly N. Martin. "Investigating reliable measures of visual proficiency and basic design principles." National Communication Association Conference. NCA. Philadelphia, PA. 11 Nov. 2016. Conference Presentation. *

Invited Keynote/Presentation: Worrell, Tracy R. "Focusing on effects: How does the portrayal of disability in the media impact individuals with said disabilities?" *20/20 Research in Focus*. RIT. Rochester, NY. 12 Oct. 2016. Address.

FEATURED FACULTY

AMMINA KOTHARI IS AN ASSISTANT PROFESSOR IN COMMUNICATION IN THE SCHOOL OF COMMUNICATION IN THE COLLEGE OF LIBERAL ARTS.

Trained as a journalist and media scholar, her research focuses on global communication and journalism practices with special focus on conflicts, health, gender, technology and religion. She is especially interested in understanding the processes which shape social and political discourses about conflicts, crises and health issues. She employs a range of qualitative and quantitative methods including in-depth interviews, textual, discourse and content analyses and structural equation modeling in her research.

She perceives Escher's "Drawing Hands"—a lithograph in which hands sketch one another, as a metaphor for how her teaching and scholarship inspire and fuel each other. She strives to create a teaching environment that facilitates learning through construction of knowledge as a joint endeavor, de-emphasizing the distinction between teaching and learning. Many of the courses she has taught have followed from and given impetus to her research interests. She is currently working on one grant funded and two collaborative projects.

The project titled 'UK Media Coverage of the Syrian Humanitarian Crisis,' funded by Association for Education in Journalism and Mass Communication's Emerging Scholar grant focuses on media's coverage of the Syrian civil war and the resulting humanitarian crisis. Drawing on framing and gatekeeping theories, the study investigates how the British media have been framing the Syrian crisis and what gatekeeping factors influence journalists in their reporting. A framing analysis of stories published by BBC, The Guardian, The Independent and ITV is complemented by interviews with journalists. I am also working on a collaborative project titled "Setting the Agenda on Immigration: Media Coverage of Primary Presidential Debate" which focuses on content analysis of the Fox News Republican Debate's coverage by Fox News, CNN, The Washington Post, The Wall Street Journal, Politico and The Hill. The focus is on identifying news organizations that played a leading role in signaling to other media outlets what issues, figures, and attributes related to immigration were important to report on. The second collaborative project titled 'Teaching Journalism in a Post-Truth Age' examines how journalism educators are revising their curriculum to address both changes brought by the automation of storytelling through algorithms and bots, and the post-truth political environment. We are surveying an international sample of journalism faculty and students to compare how both groups perceive and believe they should respond to threats to objectivity, transparency, and fact-checking in the journalism field.

Ammina Kothari

Assistant Professor
College of Liberal Arts



DEPARTMENT OF CRIMINAL JUSTICE

Irshad Altheimer, Associate Professor

Journal Paper: Altheimer, Irshad, et al. "Victim Characteristics, Situational Factors, and the Lethality of Urban Violence." *Journal of Interpersonal Violence*. (2016): 1-24. Web. *

John McCluskey, Professor

Journal Paper: Moon, Byongook and John McCluskey. "School-Based Victimization of Teachers in Korea: Focusing on Individual and School Characteristics." *Journal of Interpersonal Violence* 31. 17 (2016): 1340-1361. Print. *

Tony Smith, Associate Professor

Journal Paper: McQuiller-Williams, LaVerne, Judy L. Porter, and Tony R. Smith. "Understanding Date Rape Attitudes and Behaviors: Exploring the Influence of Race, Gender and Prior Sexual Victimization." *Victims & Offenders* 11. 2 (2016): 173-198. Print. *

DEPARTMENT OF ECONOMICS

Amit Batabyal, Professor

Journal Paper: Batabyal, Amit and Hamid Beladi. "The Effects of Probabilistic Innovations on Schumpeterian Economic Growth in a Creative Region." *Economic Modelling* 53. (2016): 224-230. Print. «

Journal Paper: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." *Transportation Research Part D* 43. (2016): 71-81. Print. «

Journal Paper: Batabyal, Amit and Hamid Beladi. "Creative Capital Accumulation and the Advancement of India's Creative Economy." *Environment and Planning C* 34. (2016): 356-363. Print. «

Journal Paper: Batabyal, Amit and Peter Nijkamp. "A Game Model of International Trade, Transport Costs, Invasive Species, and Protocol Compliance." *Transportation Research Part D* 46. (2016): 267-272. Print. «

Journal Paper: Batabyal, Amit and Peter Nijkamp. "Digital Technologies, Knowledge Spillovers, Innovation Policies, and Economic Growth in a Creative Region." *Economics of Innovation and New Technology* 25. (2016): 470-484. Print. *

Journal Paper: Batabyal, Amit. "Making an Arranged Marriage Work: A Game-Theoretic Analysis." *Theoretical Economics Letters* 6. (2016): 416-419. Print. *

Journal Paper: Batabyal, Amit and Hamid Beladi. "A Game Model of Competition for Market Share Between a New Good Producer and a Remanufacturer." *Economics Bulletin* 36. (2016): 963-969. Web. *

Journal Paper: Batabyal, Amit and Hamid Beladi. "A Stochastic Model of Migrant Rescue in the Mediterranean Sea." *Regional Science Inquiry* 8. (2016): 79-83. Print. *

Journal Paper: Batabyal, Amit and Peter Nijkamp. "Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis." *International Review of Economics and Finance* 45. (2016): 553-558. Print. «

Journal Paper: Batabyal, Amit and Hamid Beladi. "A Game Model of New and Remanufactured Goods, Brown and Green Consumers, and Market Share Dominance." *Journal of Quantitative Economics* 14. (2016): 345-353. Print. «

Journal Paper: Batabyal, Amit and Hamid Beladi. "Trade Between Creative Regions When the Input Elasticity of Substitution is Less Than Unity." *Regional Science Inquiry* 8. (2016): 11-18. Print. *

Journal Paper: Batabyal, Amit. "Increasing Returns in a Model With Creative and Physical Capital: Does a Balanced Growth Path Exist?" *Regional Science Inquiry* 8. (2016): 31-35. Print. *

Book Chapter: Batabyal, Amit. "On Capital Taxation and Economic Growth and Welfare in a Creative Region." *Socioeconomic Environmental Policies and Evaluations in Regional Science*. Ed. Hiroyuki Shibusawa. Tokyo, Japan: Springer, 2016. 413-418. Print. *

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." Southern Regional Science Association Annual Meeting. Southern Regional Science Association. Arlington, VA. 2 Apr. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." Graduate School of International Service Seminar. Sookmyung Women's University. Seoul, South Korea. 12 Oct. 2016. Address. *

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis." Public Choice Society Annual Meeting. Public Choice Society. Ft. Lauderdale, FL. 7 Mar. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis." Regional Studies Association North America Conference. Regional Studies Association. Atlanta, GA. 15 Jun. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis." European Regional Studies Association Annual Congress. European Regional Studies Association. Vienna, Austria. 29 Aug. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital Accumulation and the Advancement of India's Creative Economy." Allied Social Science Association Meeting. Association of Indian Economic and Financial Studies. San Francisco, CA. 4 Jan. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "A Game Model of Competition for Market Share Between a New Good Producer and a Remanufacturer." Golisano Institute for Sustainability Seminar. Golisano Institute for Sustainability, RIT. Rochester, NY. 16 Feb. 2016. Address. Δ

Invited Keynote/Presentation: Batabyal, Amit. "The Effects of Probabilistic Innovation on Schumpeterian Economic Growth in a Creative Region." Southern Regional Science Association Annual Meeting. Southern Regional Science Association. Arlington, VA. 2 Apr. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "China, India, and the USA: Productivity and Wages, and a Simple Model of Outsourcing." Introduction to Honors Engineering Lecture. K.G. College of Engineering, RIT. Rochester, NY. 27 Sep. 2016. Guest Lecture. Δ

Invited Keynote/Presentation: Batabyal, Amit. "On Pessimism and Optimism by Forward Looking Agents and the Need for Social Security." International Workshop. Tinbergen Institute. Amsterdam, Netherlands. 23 May 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "On Pessimism and Optimism by Forward Looking Agents and the Need for Social Security." Japan Section Annual Conference. Japan Section of the Regional Science Association International. Niigata, Japan. 9 Oct. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "A Game Model of New and Remanufactured Goods, Brown and Green Consumers, and Market Share Dominance." European Regional Science Association Annual Congress. European Regional Science Association. Vienna, Austria. 27 Aug. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "A Game Model of New and Remanufactured Goods, Brown and Green Consumers, and Market Share Dominance." North American Regional Science Council Annual Conference. North American Regional Science Council. Minneapolis, MN. 15 Nov. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital, Information and Communication Technologies, and Economic Growth in Smart Cities." International Workshop. Matej Bel University. Banska Bystrica, Slovakia. 30 Aug. 2016. Address. *

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital, Information and Communication Technologies, and Economic Growth in Smart Cities." Japan Section Annual Conference. Japan Section of the Regional Science Association International. Niigata, Japan. 9 Oct. 2016. Conference Presentation. *

Invited Keynote/Presentation: Batabyal, Amit. "On Research and Development in a Model of Schumpeterian Economic Growth in a Creative Region." North American Regional Science Council Annual Conference. North American Regional Science Council. Minneapolis, MN. 15 Nov. 2016. Conference Presentation. *

Published Review: Batabyal, Amit. "Book Review." Rev. of The Quran, by A.J. Droge. www.curledup.com 12 Feb. 2016: 1-2. Web. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Islam and the Future of Tolerance, by S. Harris and M. Nawaz. www.curledup.com 23 Mar. 2016: 1-2. Web. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Sustainable Growth and Development in a Regional Economy, ed. Tohru Naito. Regional Studies 15 Sep. 2016: 922-923. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Creative Industries and Innovation in Europe, ed. L. Lazzeretti. Journal of Cultural Economics 1 Oct. 2016: 223-225. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Oil Culture, ed. R. Barrett and D. Worden. Consumption Markets and Culture 1 Sep. 2016: 502-504. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Green Growth, ed. G. Dale. Choice 1 May 2016: 1821. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Climate Shock, by G. Wagner and M.L. Weitzman. Papers in Regional Science 1 Aug. 2016: 914-916. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Should Rich Nations Help the Poor?, by D. Hulme. Choice 1 May 2016: 612. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of The Country of First Boys, by Amartya Sen. International Review of Economics and Finance 1 Sep. 2016: 196-197. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Global Inequality, by Branko Milanovic. Regional Science Policy and Practice 15 Oct. 2016: 145-146. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Inequality, by A.B. Atkinson. Interfaces 1 May 2016: 277-278. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Phishing for Phools, by G.A. Akerlof and R.J. Shiller. Interfaces 15 Aug. 2016: 360-361. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of An Economist in the Real World, by Kaushik Basu. *Interfaces* 1 Oct. 2016: 459-461. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Success and Luck, by Robert Frank. *Interfaces* 15 Dec. 2016: 548-550. Print. £

Invited Article/Publication: Batabyal, Amit. "Hike Endowment Spending on Student Aid." *Rochester Business Journal*, 22 January. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Cheap Oil Will Not Help Us Anytime Soon." *Rochester Business Journal*, 5 February. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Solving Puzzle of Names, Mortality." *Rochester Democrat and Chronicle*, 5 March. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Mandatory Arbitration Rarely Benefits Consumers." *Rochester Business Journal*, 18 March. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "The Value-Added Tax Deserves a Close Look." *Rochester Business Journal*, 22 April. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Daylight Saving Time Reduces Some Criminal Activity." *Buffalo News*, 20 May. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Is U.S. Political Polarization Made in China?" *Rochester Business Journal*, 27 May. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Climate Change: What Can we Learn From Finance?" *Rochester Business Journal*, 8 July. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Misconceptions about Free Trade and Globalization." *Rochester Business Journal*, 12 August. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Health Care Reform's Unexpected Benefits." *Rochester Business Journal*, 30 September. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Don't Fear the Robots." *Rochester Democrat and Chronicle*, 15 October. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Childhood Poverty Affects Boys More: Why?" *Binghamton Press and Sun-Bulletin*, 5 November. (2016). Print. £

Invited Article/Publication: Batabyal, Amit. "Will Airlines Ever Stop Charging New Fees?" *Rochester Business Journal*, 23 December. (2016). Print. £

Journal Editor: Batabyal, Editorial Council, Amit, ed. *Review of Development Economics*. Oxford, UK: Blackwell, 2016. Print. *

Journal Editor: Batabyal, Associate Editor, Amit, ed. *Journal of Regional Science*. Oxford, UK: Wiley Blackwell, 2016. Print. «

Journal Editor: Batabyal, Associate Editor, Amit, ed. *Asia-Pacific Journal of Regional Science*. Tokyo: Springer, 2016. Print. «

Journal Editor: Batabyal, Editor-in-Chief, Amit, ed. *Letters in Spatial and Resource Sciences*. Heidelberg: Springer, 2016. Web. «

Journal Editor: Batabyal, Editorial Board, Amit, ed. *New Frontiers in Regional Science: Asian Perspectives*. Tokyo: Springer, 2016. Print. *

Shows/Exhibits/Installations: Batabyal, Amit. Invited Guest. 20 Jan. 2016. Connections with Evan Dawson WXXI 1370AM, Rochester. Performance. £

Shows/Exhibits/Installations: Batabyal, Amit. Invited Guest. 23 Mar. 2016. Connections with Evan Dawson WXXI 1370AM, Rochester. Performance. £

Shows/Exhibits/Installations: Batabyal, Amit. Invited Guest. 9 Aug. 2016. Connections with Evan Dawson WXXI 1370AM, Rochester. Performance. £

Shows/Exhibits/Installations: Batabyal, Amit. Invited Guest. 15 Dec. 2016. Connections with Evan Dawson WXXI 1370AM, Rochester. Performance. £

Shows/Exhibits/Installations: Batabyal, Amit. Invited Guest. 30 Dec. 2016. Connections with Evan Dawson WXXI 1370AM, Rochester. Performance. £

Journal Paper: Batabyal, Amit and Hamid Beladi. "Cheating on Your Spouse: A Game-Theoretic Analysis." Munich Personal RePEc Archive. MPRA Paper No. 75758 (2016): 1-12. Web. £

Journal Paper: Batabyal, Amit and Seung Yoo. "Effort Application in an Arranged Marriage: A Game-Theoretic Analysis." Munich Personal RePEc Archive. MPRA Paper No. 74745 (2016): 1-14. Web. £

Journal Paper: Batabyal, Amit and Hamid Beladi. "Advertising and Competition for Market Share Between a New Good Producer and a Re-manufacturer." Munich Personal RePEc Archive. MPRA Paper No. 74085 (2016): 1=13. Web. £

Journal Paper: Batabyal, Amit and Hamid Beladi. "The Equilibrium Allocation of Creative Capital to R&D in a dynamic creative region." Munich Personal RePEc Archive. MPRA Paper No. 72325 (2016): 1-7. Web. £

Journal Paper: Batabyal, Amit and Hamid Beladi. "Ship Inspections in Invasive Species Management: Alternate Regimes and their Properties." Munich Personal RePEc Archive MPRA Paper No. 72269. (2016): 1-6. Web. £

Journal Paper: Batabyal, Amit and Hamid Beladi. "Setting the Dowry Optimally to Extract the Full Surplus: A Contract Theory Perspective." Munich Personal RePEc Archive MPRA Paper No. 72200. (2016): 1-13. Web. £

Journal Paper: Batabyal, Amit and Hamid Beladi. "A Stochastic Analysis of Goods Allocation by Queuing and the Prevention of Violence." Munich Personal RePEc Archive MPRA Paper No. 72169. (2016): 1-17. Web. £

Journal Paper: Porter, Alden and Amit Batabyal. "Physical capital mobility, the educational and quality aspects of creative capital, and output production." Regional Science Policy and Practice 8. (2016): 167-175. Print. «

Bharat Bhole, Associate Professor

Book Chapter: Romanowski, Carol, et al. "A Multidisciplinary Predictive Model for Managing Critical Infrastructure Disruptions." IFIP Advances in Information and Communication Technology. Ed. Mason Rice and Sujeet Shenoj. I don't know, I don't know: Springer International Publishing, 2016. 203-218. Print. *

Nikolaus Kasimatis

Journal Paper: Robalino, Nikolaus and Arthur Robson. "The Evolution of Strategic Sophistication." American Economic Review. (2016): 1046-1072. Print. «

Journal Paper: Robalino, Nikolaus, et al. "A Multidisciplinary Predictive Model for Managing Critical Infrastructure Disruptions." IFIP Advances in Information and Communication Technology. (2016): 203-218. Print. £

Eddery Lam

Journal Paper: Lam, Eddery and Jenny Wu. "The Economics of Inter-City Competition in Financial and Distribution Markets." *Journal of Economics and Management* 12. (2016): 85-117. Print. £

Michael J Vernarelli

Journal Paper: Vernarelli, Michael J. "Predicting Altruistic Behavior and Assessing Homophily: Evidence from the Sisterhood." *Sociological Science* 3. (2016): 889-909. Web. £

Journal Paper: Vernarelli, Michael J. and Justin S. Skillman. "Framing Effects on Bidding Behavior in Experimental First-Price Sealed-Bid Money Auctions." *Judgment and Decision Making* 11. 4 (2016): 391-400. Web. *

Jeffrey Wagner, Professor

Journal Paper: Hebda, Cam and Jeffrey Wagner. "Nudging Healthy Food Consumption and Sustainability in Food Deserts." *Letters in Spatial & Resource Sciences* 9. (2016): 57-71. Print. «

Journal Paper: Stone, Jonathan and Jeffrey Wagner. "Fairness and Efficiency in US Revolutionary War Takings and Post-War Debt Redemption." *Constitutional Political Economy* 27. (2016): 399-417. Print. «

DEPARTMENT OF ENGLISH

Cecilia Alm, Assistant Professor

Journal Paper: Guo, Xuan, Qi Yu, Rui Li, Cecilia O. Alm, Cara Calvelli, Pengcheng Shi, Anne Haake,. "Intelligent medical image grouping through interactive learning." *International Journal of Data Science and Analytics* 2. 3 (2016): 95-105. Web. £

Journal Paper: Li, Rui, Pengcheng Shi, Jeff Pelz, Cecilia O. Alm, Anne R. Haake,. "Modeling eye movement patterns to characterize perceptual skill in image-based diagnostic reasoning processes." *Computer Vision and Image Understanding* 151. (2016): 138-152. Web. «

Journal Paper: Alm, Cecilia O. "Language as sensor in human-centered computing: Clinical contexts as use cases." *Language & Linguistics Compass: Computational & Mathematical* 10. 3 (2016): 105-119. Web. *

Published Conference Proceedings: Terkik, Andamlak, Emily Prud'hommeaux, Cecilia O. Alm, Christopher Homan, Scott Franklin,. "Analyzing Gender Bias in Student Evaluations." *Proceedings of the Proceedings of COLING, the 26th International Conference on Computational Linguistics: Technical Papers*. Ed. Nicoletta Calzolari et al. Osaka, Japan: n.p., 2016. Web. *

Published Conference Proceedings: Liu, Tong, Christopher Homan, Cecilia O. Alm, Megan Lytle, Ann Marie White, Henry Kautz,. "Understanding Discourse on Work and Job-related Well-being in Public Social Media." *Proceedings of the Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics*. Ed. Antal van den Bosch et al. Berlin, Germany: n.p., 2016. Web. «

Published Conference Proceedings: Bullard, Joseph, Cecilia O. Alm, Xumin Liu, Ruben A. Proano, Qi Yu, . "Towards Early Dementia Detection: Fusing Linguistic and Non-linguistic Clinical Data." *Proceedings of the Proceedings of Computational Linguistics and Clinical Psychology: From Linguistic Signal to Clinical Reality (at NAACL 2016)*. Ed. Kristy Hollingshead and Lyle Ungar. San Diego, USA: n.p., 2016. Web. «

Published Conference Proceedings: Oak, Mayuresh, Anil K. Behera, Titus Thomas, Cecilia O. Alm, Emily Prud'hommeaux, Christopher M. Homan, Ray Ptucha,. "Generating Clinically Relevant Texts: A Case Study on Life-changing Events." *Proceedings of the Proceedings of Computational Linguistics and Clinical Psychology: From Linguistic Signal to Clinical Reality (at NAACL-HLT 2016)*. Ed. Kristy Hollingshead and Lyle Ungar. San Diego, California: n.p., 2016. Web. «

Published Conference Proceedings: Vaidyanathan, Preethi, Jeff B. Pelz, Emily Prud'hommeaux, Cecilia O. Alm, Anne R. Haake,. "Fusing Eye Movements and Observer Narratives for Expert-driven Image-region Annotations." Proceedings of the ETRA. Ed. Pernilla Qvarfordt and Dan Witzner Hansen. Charleston, SC: n.p., 2016. Web. *

A.J. Caschetta, Senior Lecturer

Journal Paper: Caschetta, A.J. "Will 2016 Be the Year of Abbas Diplomacy?." Jihad Watch January 6. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "The Politics of Radicalization." Sun-Sentinel January 21. (2016): 1-1. Print. £

Journal Paper: Caschetta, A.J. "Syrian Diplomatic Push Doomed to Fail." The Hill January 22. (2016): 1-2. Web. £

Journal Paper: Caschetta, A.J. "The Shocking Truth About How Obama's 'Rigorous Vetting Process' For Syrian Refugees Actually Works." Independent Journal Review February 3. (2016): 1-2. Web. £

Journal Paper: Caschetta, A.J. "Fighting the BDS Movement." American Thinker February 25. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Trump's Saddam Nostalgia." The Daily Caller February 29. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Facebook Came Up With a Ridiculous 'Strategy' to Fight ISIS But Obama Might Actually Start Using It." Independent Journal Review March 3. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Cuba And Obama's 'Axis of Evil'." The Gatestone Institute March 21. (2016): 1-3. Web. Δ

Journal Paper: Caschetta, A.J. "The UN Is A Plastic Owl." The New English Review. April (2016): 1-4. Web. £

Journal Paper: Caschetta, A.J. "Stop Asking 'Why Do They Hate Us?'" The Daily Caller April 11. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Ben Rhodes' Fiction Behind the 'Iran Deal'." The Gatestone Institute May 10. (2016): 1-4. Web. Δ

Journal Paper: Caschetta, A.J. "Humor Can Be Effective Political Weapon." The Sun-Sentinel May 20. (2016): 1-3. Print. £

Journal Paper: Caschetta, A.J. "Backdoor BDS." The Jerusalem Post May 25. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Is Obama's Iran Deal a 'Dhimmi' Contract?." PJ Media May 31. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "In Search of Iranian Moderates." The Gatestone Institute June 8. (2016): 1-4. Web. Δ

Journal Paper: Caschetta, A.J. "Negotiating With the Taliban, Again." The Washington Examiner June 14. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Why Jihadists Kill 'Gays'." Jihad Watch June 18. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Did James Comey Blink?." The Daily Caller July 6. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "French Lessons." The Daily Caller July 15. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "The 28 Pages that Damn Saudi Arabia." The Gatestone Institute July 19. (2016): 1-4. Web. Δ

Journal Paper: Caschetta, A.J. "Munich Shooting Exposes Media Double Standard." *Jihad Watch* July 23. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Department of Homeland Security Targeting Wrong 'Enemy'." *The Gatestone Institute* July 26. (2016): 1-4. Web. Δ

Journal Paper: Caschetta, A.J. "Flaws in the Lone Wolf Analysis." *The New English Review* August. (2016): 1-12. Web. £

Journal Paper: Caschetta, A.J. "The Peril In Paroling Jihadists." *The Hill* August 3. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Freelance Jihad." *The Washington Examiner* August 11. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Turkey Blames American Scholar For Coup." *The Daily Caller* August 30. (2016): 1-4. Web. £

Journal Paper: Caschetta, A.J. "Rebranding the Iran Ransom Payment as 'Leverage'." *Independent Journal Review* September 2. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Massoud Day, September 9." *The Gatestone Institute* September 6. (2016): 1-5. Web. Δ

Journal Paper: Caschetta, A.J. "The Terrorist Wing Scam." *The Middle East Quarterly*. Fall (2016): 1-13. Web. *

Journal Paper: Caschetta, A.J. "Hillary Clinton's 'Unethical Amnesia'." *American Thinker* September 24. (2016): 1-4. Web. £

Journal Paper: Caschetta, A.J. "It Is Time To Break Up The Quartet." *The Jerusalem Post* October 5. (2016): 1-2. Web. £

Journal Paper: Caschetta, A.J. "Erdogan's Academics: Middle East Studies Scholars Shill For A Tyrant." *The Daily Caller* October 28. (2016): 11-3. Web. £

Journal Paper: Caschetta, A.J. "The UN's Palestine Language." *The Gatestone Institute* November 30. (2016): 1-3. Web. Δ

Journal Paper: Caschetta, A.J. "Israeli Fires and Irish Skirmishers." *The New English Review* December 14. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "The MLA vs. Israel." *The Daily Caller* December 29. (2016): 1-3. Web. £

Journal Paper: Caschetta, A.J. "Jimmy Caarter's Lifelong Pursuit of a Palestinian State." *American Thinker* December 30. (2016): 1-4. Web. £

Rebecca A Charry, Lecturer

Invited Keynote/Presentation: Roje, Rebecca Charry. "Creating a Brave New English." *TEDx Dubrovnik: Living Tomorrow*. *TEDx Dubrovnik*. Dubrovnik, Croatia, NJ. 28 Oct. 2016. Lecture.

Trent Hergenrader, Assistant Professor

Invited Article/Publication: Hergenrader, Trent. "Can the Professor Come Out and Play? Establishing Critical Gaming Groups for Faculty." *On the Horizon*. (2016). Web. «

Invited Article/Publication: Hergenrader, Trent. "The Place of Videogames in the Digital Humanities." *On the Horizon*. (2016). Web. «

Invited Article/Publication: Hergenrader, Trent. "Making Space for Creative Writing Research in the Academy." *Journal of Creative Writing Studies*. (2016). Web. Δ

Journal Editor: Hergenrader, Trent, ed. *Journal of Creative Writing Studies*. Rochester, NY: RIT Scholar Works, 2016. Web.

Published Conference Proceedings: Hergenrader, Trent, Steven Jacobs, and Jessica Lieberman. "Steampunk Rochester." Proceedings of the Games+Learning+Society 11.0, July 2016, Madison, WI. Ed. Kyrie Caldwell, et al. Pittsburgh, PA: ETC Press, 2016. Web. «

Book Chapter: Hergenrader, Trent. "Studying Creative Writing at Today's College or University: What Should I Expect and What Skills Should I Bring." Studying Creative Writing Successfully. Wicken, Cambridgeshire, UK: Creative Writing Studies, 2016. 14-29. Print. Δ

Book Chapter: Hergenrader, Trent. "Immersive Learning: Using Role-Playing Games to Teach Creative Writing, Literature, and History." Teacher Pioneers: Visions from the Edge of the Map. Ed. Caro Williams. Pittsburgh, PA: ETC Press, 2016. 54-69. Print. Δ

Published Review: Hergenrader, Trent. "Films and Games: Interactions." Rev. of Films and Games: Interactions, eds. Eva Lenhardt and Andreas Rauscher. afterimage Jan. 2016: 422-423. Print. Δ

Katherine E Morrissey

Book Chapter: Morrissey, Katherine E. "Gender and Fandom." The Routledge Companion to Cinema and Gender. Ed. Elizabeth Kaplan, et al. New York, NY: Routledge, 2016. 352-360. Print. ~

Laura A Shackelford, Associate Professor

Book Chapter: Shackelford, Laura. "In Toxicating Languages of Bioinformatic Circulation: Poetics and other 'smallwork' in The Flame Alphabet." Narrating Life: Contagion, Immunity, Mutation. Ed. Elisabeth Friis and Stefan Herbrechter. Amsterdam, The Netherlands: Rodopi/Brill Press, Experimental Practices series, 2016. 147-171. Print. *

Invited Article/Publication: Shackelford, Laura. "Surviving Codespace: Tracing Lived Space through Digital Literary Writing." WSQ: Women's Studies Quarterly 44: 1 & 2 (Spring/Summer 2016). (2016). Print. *

Invited Keynote/Presentation: Shackelford, Laura. "Discussant, ROUND TABLE "Potential scenarios, values and models for digital humanism"." "Digital humanism: values and models for tomorrow?" An International Symposium. The International Network of ORBICOM chairs and The UNESCO ITEN Chair. Paris, France. 28 Oct. 2016. Conference Presentation. Δ

DEPARTMENT OF FINE ARTS

Elizabeth Goins, Associate Professor

Published Game, Application or Software: Goins, Elizabeth, et al. Charlotte. Game. MAGIC. 2016.

Invited Article/Publication: Goins, Elizabeth. "Visualizing Women in Charlotte, a historical horror game." Gamasutra. (2016). Web. ^

Invited Article/Publication: Goins, Elizabeth. "Visualizing Women in Charlotte, a historical horror game." Digital Humanities Now. (2016). Web. Δ

Shows/Exhibits/Installations: Goins, Elizabeth. Charlotte. 21 Oct. 2016. Meaningful Play, Michigan State University, Oct. 20th-22nd, East Lansing. Exhibit. *

Peer Reviewed/Juried Poster Presentation: Goins, Elizabeth, Chris Egert, and Andrew Phelps. "The Garden: A 3D Adventure Puzzle Game Exploring Bosch's Garden of Earthly Delights." Proceedings of the Digital Humanities, Krakow, Poland, 11-16 July. Ed. Manfred Thaller, chair. Krakow, Poland: n.p.. «

National/International Competition Award Winner: Goins, Elizabeth, et al. IndieCade Festival. Charlotte: Shortlisted for Digital Selects. Los Angeles, CA, 2016. *

National/International Competition Award Winner: Goins, Elizabeth, et al. International Documentary Film Festival Amsterdam. Charlotte: Shortlist for DocLab. Amsterdam, Netherlands, 2016. *

DEPARTMENT OF HISTORY

Tamar Carroll, Assistant Professor

Invited Keynote/Presentation: Carroll, Tamar, Lisa Hermsen, and Rebecca Scales. "Making Interdisciplinarity Work: Developing an Undergraduate Digital Humanities Program at a Technical Institute." Mellon Fellows Digital Humanities Luncheon. University of Rochester. Rochester, NY. 23 Sep. 2016. Address.

Rebecca Edwards, Professor

Shows/Exhibits/Installations: Decker, Rebecca Edwards, Michael Brown, Juilee. When Rochester Was Royal: Professional Basketball in Rochester, 1945-1957. By Apr. 2016. Sunken Gallery in the Wallace Center, Rochester, NY. Exhibit.

Joseph Henning, Associate Professor

Invited Keynote/Presentation: Henning, Joseph. "Buddhism, Poetry, and "Paganism": The Light of Asia in Gilded Age America." Translating Buddhism Conference. York St. John University, UK Association for Buddhist Studies. York, United Kingdom. 2 Jul. 2016. Conference Presentation. *

Michael S Laver, Associate Professor

Published Review: Brown, Michael. Rev. of DIY Detroit: Making Do in a City without Services, by Kinder, Kimberley. Consumption Markets & Culture 2016: 1-3. Print.

Published Review: Brown, Michael. "'Politics of Style, Politics As Style.'" Rev. of Feast of Excess: A Cultural History of the New Sensibility (George Cotkin); Dressing for the Culture Wars (Betty Hillman); and Born to Be Wild (Randy D. McBee), by George, Cotkin, Betty Hillman, and Randy McBee. Reviews in American History 44 2016: 653-660. Print.

Invited Paper: Brown, Michael. "'Conceptualizing Public Intellectuals from the Vantage Point of Public History.'" Public Intellectuals Conference. (2016). Print. Δ

Shows/Exhibits/Installations: Brown, Michal. When Rochester Was Royal: Professional Basketball in Rochester 1945-1957. By Rebecca Edwards and Juilee Decker. Mar. 2016. Rochester Institute of Technology, Sunken Gallery, Rochester, NY. Exhibit. ~

Rebecca Scales, Assistant Professor

External Scholarly Fellowships/National Review Committee:

6/1/2016 -

8/15/2016

American Philosophical Society, Franklin Research Grant

Amount: 6000.00

≠

Published Review: Scales, Rebecca P. "Politics and the Individual in France, 1930-1950." Rev. of Politics and the Individual in France, 1930-1950, by Wardhaugh, Jessica. European History Quarterly 2016: 413-415. Print.

Full Length Book: Scales, Rebecca P. Radio and the Politics of Sound in Interwar France. 1 ed. Cambridge, UK: Cambridge University Press, 2016. Print. «

Published Review: Scales, Rebecca P. Rev. of The Imperfect Historian. Disability Histories in Europe, eds. Barsch, Sebastien, Klein, Anne, and Verstraete, Pieter. H-Disability Jan. 2016: NA. Web.

External Scholarly Fellowships/National Review Committee:

6/1/2016 -

8/31/2016

Franklin Research Grant, American Philosophical Society

Amount: \$6000

≠

Invited Keynote/Presentation: Scales, Rebecca P. "Jacques Lusseryan entre la France et l'Amérique." Jacques Lusseyran entre cécité et lumière: regards croisés. Fondation Singer-Polignac. Paris, France. 28 Jun. 2016. Lecture.

Corinna Schlombs

Invited Keynote/Presentation: Schlombs, Corinna. "Watson, Women, and Work: Global Culture and Gender at IBM." Shift CTRL: New Perspectives on Computing and New Media. Stanford University. Stanford, CA. 6-7 May 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Schlombs, Corinna. "The Promise of Productivity: Technology and the American Capitalist Model in US-German Relations." Annual Meeting. Society for the History of Technology. Singapore, Singapore. 22-26 Jun. 2016. Conference Presentation. £

Invited Keynote/Presentation: Schlombs, Corinna. "Labor and Gender in Transatlantic Perspective: IBM's Welfare Capitalist Model in Postwar Germany." Annual Meeting. German Studies Association. San Diego, CA. 29-2 Sep. 2016. Conference Presentation. £

Invited Keynote/Presentation: Schlombs, Corinna and Kelly Norris Martin. "Visual Culture, Non-Cognitive Skills and Gender in Technical Corporations." Seneca Falls Dialogues. WILL. Seneca Falls, NY. 21-23 Oct. 2016. Conference Presentation. £

DEPARTMENT OF MODERN LANGUAGES AND CULTURES

Nikolina Bozinovic

Published Conference Proceedings: Marijana, Alujevic Jukic, Nikolina Bozinovic, and Josipa Jukic. "Students' perspective on language skills assessment in Italian and German language as second foreign languages." Proceedings of the 29th International Conference "Applied Linguistic Research and Methodology". Ed. Kristina Cergol Kovacevic, Lucija Udier. Zagreb, Croatia: Croatian Applied Linguistics Society, 2016. Print. *

DEPARTMENT OF PERFORMING ARTS AND VISUAL CULTURE

Juilee Decker, Associate Professor

Published Review: Decker, Juilee. "Cities, Museums, and Soft Power." Rev. of Cities, Museums, and Soft Power, ed. Jonathan Schroeder. Consumption Markets and Culture 23 Sep. 2016: 1-8. Web. ~

Journal Editor: Decker, Juilee, ed. Collections: A Journal for Museum and Archives Professionals. Lanham, MD: Rowman & Littlefield, 2016. Print. *

Invited Keynote/Presentation: Decker, Juilee. "Re-Presenting the Civil War: Monuments and Public Memory in the Age of #BlackLivesMatter." The Legacy of the Civil War. Virginia Commonwealth University. Richmond, VA. 30 Jun. 2016. Lecture. Δ

Invited Keynote/Presentation: Decker, Juilee. "Re-Presenting the Civil War: Monuments and Public Memory in the Age of #BlackLivesMatter." The Legacy of the Civil War. Virginia Commonwealth University. Richmond, VA. 14 Jul. 2016. Guest Lecture. Δ

Shows/Exhibits/Installations: DeRoo, Rebecca J. Agnès Varda: (Self)-Portraits. Facts and Fiction. By Co-curated with Jurij Meden. Jan. 2016. Dryden Theatre, George Eastman Museum, Rochester. Exhibit. £

Invited Keynote/Presentation: DeRoo, Rebecca J. and Rebecca Scales. "Cleo from 5 to 7." Agnès Varda Film Retrospective. Dryden Theatre, George Eastman Museum. Rochester, NY. 31 Jan. 2016. Lecture. Δ

Invited Keynote/Presentation: DeRoo, Rebecca J. "Agnès Varda's Le Bonheur." Agnès Varda Film Retrospective. Dryden Theatre, George Eastman Museum. Rochester, NY. 10 Feb. 2016. Lecture. Δ

Invited Keynote/Presentation: DeRoo, Rebecca J. "Agnès Varda's Multimedia Exhibitions." Department of Art SUNY Buffalo. Streamed at Queens University, Canada. Buffalo, NY. 24 Oct. 2016. Lecture. Δ

Invited Keynote/Presentation: DeRoo, Rebecca. "Social Movements, Gender, and French Museums." Department of Art. SUNY Buffalo. Buffalo, NY. 24 Oct. 2016. Guest Lecture. Δ

Invited Keynote/Presentation: DeRoo, Rebecca J. "Documenting and Displaying Widowhood: Agnès Varda's Multimedia Exhibition." Film and the Other Arts. Cambridge University. Cambridge, UK. 30 Sep. 2016. Lecture. Δ

Invited Keynote/Presentation: DeRoo, Rebecca J. "Reframing Urban Transitions in Agnes Varda's Parisian Daguerreotypes." Association for the Study of Modern and Contemporary France Conference. Aston University. Birmingham, UK. 5 Sep. 2016. Conference Presentation. «

Michael E Ruhling, Professor

Journal Editor: Ruhling, Michael E., ed. HAYDN: Online Journal of the Haydn Society of North America. Rochester, NY: RIT Press, 2016. Web.

Invited Article/Publication: Ruhling, Michael E. "Generating STEAM: Haydn and the Arts in General Education at a "Career-Oriented" Institute of Technology." HAYDN: Online Journal of the Haydn Society of North America, Issue 6.1 (Spring 2016). (2016). Web. *

Invited Article/Publication: Ruhling, Michael E. "Generating STEAM: Haydn and the Arts in General Education at a "Career-Oriented" Institute of Technology." HAYDN: Online Journal of the Haydn Society of North America, Issue 6.1 (Spring 2016). (2016). Web. *

DEPARTMENT OF PHILOSOPHY

Silvia Benso, Professor

Invited Keynote/Presentation: Benso, Silvia. "'Gardening with Martin while Interpreting Greek Poiesis'." Society for Phenomenology and Existential Philosophy. Utah Valley University. Salt Lake City, UT. 21 Oct. 2016. Conference Presentation. «

Invited Keynote/Presentation: Benso, Silvia. "Il luogo della filosofia: Tra arte tecnica e natura [The Place of Philosophy: Between Art, Technology, and Nature]." Dipartimento di Filosofia e Scienze dell'Educazione. Università degli Studi di Torino. Turin, Italy. 10 Oct. 2016. Guest Lecture. Δ

Invited Keynote/Presentation: Benso, Silvia. "Urban Parks and Gardens as Places of Appearance: The Body as a Common Good After Hannah Arendt." Sitka Institute. Pacific Association for the Continental Tradition. Sitka, AK. 5 Aug. 2016. Conference Presentation. *

Invited Keynote/Presentation: Benso, Silvia. "Fluid Ethics: Images of Water in Levinas." Levinas Research Seminar. University of Toronto. Toronto, Canada. 20 Jun. 2016. Keynote Speech. Δ

Invited Keynote/Presentation: Benso, Silvia. "What if Martin Were a Gardener? Moving Beyond Heidegger by Interpreting Greek Poiesis." History of Philosophy Society. Texas A&M. College Station, TX. 23 Apr. 2016. Conference Presentation. *

Evelyn Brister, Associate Professor

Journal Paper: Brister, Evelyn. "Disciplinary Capture and Epistemological Obstacles to Interdisciplinary Research: Lessons from Central African Conservation Disputes." Studies in History and Philosophy of Biological and Biomedical Sciences 56. (2016): 82-91. Print. *

Peer Reviewed/Juried Poster Presentation: Brister, Evelyn. "Citation Rates and Gender in Philosophy of Science." Proceedings of the Philosophy of Science Association. Ed. PSA. Atlanta, GA: n.p.. ~

Brian Schroeder, Professor

Full Length Book: Schroeder, Shūdō Brian, Tetsuzen Jason M. Wirth, and Kanpū Bret W. Davis, eds. Engaging Dōgen's Zen: The Philosophy of Practice as Awakening. 1st ed. Somerville, MA: Wisdom Publications, 2016. Print. «

Journal Editor: Schroeder, Brian and Alia Al-Saji, ed. Journal of Speculative Philosophy 30, 3. University Park, PA: Pennsylvania State University Press, 2016. Print.

Book Chapter: Schroeder, Shūdō Brian. "Practice-Realization: Dōgen Zen and Original Awakening." Engaging Dōgen's Zen: The Philosophy of Practice as Awakening. Ed. Tetsuzen Jason M. Wirth, Shūdō Brian Schroeder, and Kanpū Bret W. Davis. Somerville, MA: Wisdom Publications, 2016. 37-51. Print. ~

Journal Paper: Schroeder, Brian and Alia Al-Saji. "Introduction to Critical, Affective, and Plural Trajectories in Continental Philosophy." Journal of Speculative Philosophy 30. 3 (2016): 235-41. Print.

Book Chapter: Schroeder, Shūdō Brian. "On Shushōgi Paragraph 31." Engaging Dōgen's Zen: The Philosophy of Practice as Awakening. Ed. Tetsuzen Jason M. Wirth, Shūdō Brian Schroeder, and Kanpū Bret W. Davis. Somerville, MA: Wisdom Publications, 2016. 185-92. Print. ~

Journal Paper: Schroeder, Brian. "The Play of Blooming Nihilism." four by three magazine 5. (2016): N/A. Web. ~

Journal Paper: Schroeder, Brian. "Spectacular Silence: Reflections on Nihilism, Violence, and Awakening." four by three magazine 6. (2016): N/A. Web. ~

Invited Keynote/Presentation: Schroeder, Brian. "Zen Buddhism: Before and Beyond." A Spiritual Mind Lectures Series. Office for Diversity & Inclusion and Center for Campus Life, RIT. Rochester, NY. 25 Feb. 2016. Lecture. Δ

Invited Keynote/Presentation: Schroeder, Brian. "Enlightening the Way: Qigong and Zazen." Comparative and Continental Philosophy Circle. National Taiwan University. Taipei, Taiwan. 25 Mar. 2016. Conference Presentation. £

Invited Keynote/Presentation: Schroeder, Brian. "Transforming Mind and Emptiness: On the Oxherding Pictures." Philosophy Department. St. Lawrence University. Canton, NY. 4 Apr. 2016. Guest Lecture. Δ

Invited Keynote/Presentation: Schroeder, Brian. "Happiness, Death, and the Bhutanese Mask Dance." Conference on The Relevance of Bhutan's Buddhist Philosophy of Gross National Happiness for Western Society. RIT. Rochester, NY. 29 Apr. 2016. Conference Presentation.

Invited Keynote/Presentation: Schroeder, Brian. "Enlightenment and Non-Enlightenment in Ashvagoshā's The Awakening of Faith in the Mahayana." CoZen Symposium. CoZen. Playa Grande, Panama. 15 May 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Schroeder, Brian. "What is the Trace of the Original Face? Zen Buddhism, Levinas, and the Mystery of Animality." Sitka Institute. Pacific Association for the Continental Tradition. Sitka, AK. 6 Aug. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Schroeder, Brian. "The Basho of Silence in Transcontinental Philosophy." Society for Phenomenology and Existential Philosophy. Utah Valley University. Salt Lake City, UT. 21 Oct. 2016. Keynote Speech. Δ

Invited Keynote/Presentation: Schroeder, Shūdō Brian. "Enlightenment and Suffering." Rohatsu Sesshin. Eishoji Sōtō Zen Center. Seattle, WA. 10 Dec. 2016. Address. Δ

Katie Terezakis, Associate Professor

Book Chapter: Terezakis, Katie. "A Philosophy of Action with Richard J. Bernstein and John William Miller." *Thinking the Plural: Richard J. Bernstein's Contributions to American Philosophy*,. Ed. Marcia Morgan and Megan Craig. Lanham, MD: Lexington Books Rowman & Littlefield, 2016. 179-196. Print. ~

Book Chapter: Terezakis, Katie. "The Integrity of Finitude: Existential Reckoning in the Work of John William Miller." *Commonplace Commitments: Thinking through the Legacy of Joseph P. Fell*. Ed. Peter S. Fosl, Michael J. McGandy, and Mark D. Moorman. Lewisburg, PA: Bucknell University Press, 2016. 213-228. Print. ~

DEPARTMENT OF POLITICAL SCIENCE

Lauren Hall, Assistant Professor

Book Chapter: Hall, Lauren K. "The Ninth Amendment and Substantive Due Process: Sterilization, Reproductive Rights, and the Path Not Taken." *American Constitutionalism, Marriage, and the Family: Obergefell v. Hodges and U.S. v. Windsor in Context*. Ed. Patrick Cain and David Ramsey, eds.. Lanham, MD: Lexington Books, 2016. 5-100. Print. £

DEPARTMENT OF PSYCHOLOGY

Joseph S Baschnagel, Associate Professor

Journal Paper: Baschnagel, J.S. and J. E. Edlund. "Affective modification of the startle eyeblink response during sexual and emotional infidelity scripts." *Evolutionary Psychological Science*. (2016): 114-122. Print. «

Caroline M DeLong, Associate Professor

Journal Paper: Branstetter, Brian, et al. "Recognition of Frequency-Modulated Whistle-Like Sounds by a Bottlenose Dolphin (*Tursiops truncatus*) and Humans with Transformations in Amplitude, Duration, and Frequency." *PLoS ONE* 11. 2 (2016): e0147512. Web. *

Journal Paper: Keller, Ashlynn M. and Caroline M. DeLong. "Orangutans (*Pongo pygmaeus pygmaeus*) and Children (*Homo sapiens*) use Stick Tools in a Puzzle Box Task Involving Semantic Prospection." *International Journal of Comparative Psychology* 29. (2016): 1-25. Web. *

Lindsay S Schenkel, Associate Professor

Peer Reviewed/Juried Poster Presentation: Nowalis, Sarah and Schenkel, Lindsay. "Child Maltreatment and Mood Dysregulation: Exploring the roles of Alexithymia and Maternal Attachment." *Proceedings of the Association for Behavioral and Cognitive Therapies*; New York, NY; October 30, 2016. Ed. N/A. New York City, NY: n.p.. ~

Tina M Sutton

Journal Paper: Sutton, Tina M and Jeanette Altarriba. "Color associations to emotion and emotion-laden words: A collection of norms for stimulus construction and selection." *Behavior Research Methods* 48. (2016): 686-728. Print. ~

Journal Paper: Sutton, Tina M. and Jeanette Altarriba. "Finding the positive in all of the negative: Facilitation for color-related emotion words in a negative priming paradigm." *Acta Psychologica* 170. (2016): 84-93. Print. ~

DEPARTMENT OF SCIENCE TECHNOLOGY AND SOCIETY/ PUBLIC POLICY

M Ann Howard, Professor

Invited Keynote/Presentation: Howard, M. Ann and Audrey Horn. "Making the Invisible Visible: A Photojournalism Project with Community Partners." *Engage for Change*. Siena College. Loudonville, NY. 18 May 2016. Conference Presentation. *

Invited Keynote/Presentation: Howard, M. Ann, Laurie Worrall, and Pamela Heinz. "Organizing Within the Academy for Transformative Engagement." 30th Anniversary Conference. Campus Compact. Boston, MA. 22 Mar. 2016. Conference Presentation. *

Christine Keiner, Associate Professor

Journal Paper: Keiner, Christine and Ashley Carse, Pamela M. Henson, Marixa Lasso, Paul S. Sutter, Megan Raby and Blake Scott. "Panama Canal Forum: From the Conquest of Nature to the Construction of New Ecologies." *Environmental History* 21. (2016): 206-287. Print. «

Hang R Na

Journal Paper: Na, Hang Ryeol. "Kim Dae-jung's Cyberinfrastructure Legacy." *Education about Asia* 21. 1 (2016): 44-50. Print. *

National/International Competition Award

Winner: Na, Hang Ryeol. Ministry of Foreign Affairs. Public Diplomacy Award. Seoul, South Korea, 2016. ≠

Erinn Ryen

Journal Paper: Babbitt, Mona Komeijani, Erinn G. Ryen, and Callie W. "Bridging the Gap between Eco-Design and the Human Thinking System." *Challenges* 7. 1 (2016): 1-16. Web. *

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Conerly Casey, Associate Professor

Book Chapter: Casey, Conerly. "Hypocrisy, spatial (in)justice and youthful 'policing' in northern Nigeria." *Justicia e Injusticias Espaciales* (Spanish version of *Justice et Injustices Spatiales*, 2010). Ed. Bret Bernard, Philippe Gervais-Lambony, Claire Hancock, Fredric Landy. Buenos Aires, Argentina: Universidad Nacional de Rosario Editora, 2016. 2001-218. Print. £

Invited Keynote/Presentation: Casey, Conerly. "21st Century Trauma." PTSD in the Humanitarian Field. Kuwait Ministry of Foreign Affairs and the UN Organization for Humanitarian Affairs. Kuwait City, Kuwait. 26 Oct. 2016. Keynote Speech. ≠

External Scholarly Fellowships/National Review Committee:

8/1/2017 -

7/31/2018

Cornell University, Society for the Humanities
Amount: \$50,000.00

≠

Journal Paper: Casey, Conerly. "States of emergency": Armed youths and mediations of Islam in northern Nigeria." *Deja Lu Journal*. 4 (2016): 1-18. Web. *

Kijana Crawford, Associate Professor

Published Review: ASEE, . "ASEE Annual Conference and Exposition." Rev. of Connectivity Series at RIT-Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM, ed. E. Dell, M. Valentine, S. Mason, C. Marchetti, K. Crawford, and W. Daniels; Connectivity at RIT-Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM; 2016 ASEE Annual Conference and Exposition; New Orleans, LA. June 2016. Connectivity Series at RIT-Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM 16 Jun. 2016: 16. Web. *

Published Review: ASEE, . "ASEE Annual Conference and Exposition." Rev. of Connectivity Series at RIT-Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM, by E. Dell, M. Valentine, S. Mason, C. Marchetti, K. Crawford, and W. Daniels. Connectivity at RIT-Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM 16 Jun. 2016: 16. Web. *

Published Review: ASEE, . "ASEE Annual Conference and Exposition." Rev. of Connectivity Series at RIT-Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM, by E. Dell, M. Valentine, S. Mason, C. Marchetti, K. Crawford, and W. Daniels. Connectivity at RIT-Developing & Delivering an Effective Professional Development Workshop Series for Women Faculty in STEM 16 Jun. 2016: 16. Web. *

Christine Kray, Associate Professor

Invited Keynote/Presentation: Kray, Christine A. "Seeing Like a Colony: Overdetermining Dominion and Removal in British Honduras." American Society for Ethnohistory annual meeting. American Society for Ethnohistory. Nashville, TN. 11 Nov. 2016. Conference Presentation. ~

Invited Keynote/Presentation: Kray, Christine A. "The Yucatec Maya Bible: "Piercing as Far as the Division of Soul and Spirit"." Symposium on American Indian Languages. Rochester Institute of Technology. Rochester, NY. 22 Apr. 2016. Conference Presentation. ~

Benjamin N Lawrance, Professor

Full Length Book: Lawrance, Benjamin N., Anne Bunting, and Richard L. Roberts. Marriage by Force? Contestation over Consent and Coercion in Africa. 1 ed. Athens, OH: Ohio University Press, 2016. Print. *

Journal Paper: Lawrance, Benjamin N. "Boko Haram, Refugee Mimesis, and the Archive of Contemporary Gender-Based Violence." Radical History Review 126. (2016): 159-170. Print. *

Book Chapter: Lawrance, Benjamin N. and Charlotte Walker-Said. "Resisting Patriarchy, Contesting Homophobia: Expert Testimony and the Construction of African Forced Marriage Asylum Claims." Marriage by Force? Contestation over Consent and Coercion in Africa. Athens, OH: Ohio University Press, 2016. 199-224. Print. *

Book Chapter: Lawrance, Benjamin N., Annie Bunting, and Richard L. Roberts. "Something Old, Something New": Conceptualizing Forced Marriage in Africa." Marriage by Force? Contestation over Consent and Coercion in Africa. Athens, OH: Ohio University Press, 2016. 1-40. Print. *

Uli Linke, Professor

Invited Keynote/Presentation: Linke, Uli. "Language as Battleground: Speaking the Nation, Lingual Citizenship, and Other Disillusions about Diversity in Post-Unification Germany." Experiencing Differences and Diversities in Contemporary Germany: International Workshop sponsored by the Alexander von Humboldt-Professorship (Berlin) and the Woolf Institute (Cambridge). Institute for European Ethnology, Humboldt University. Berlin, Germany. 15-16 Apr. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Linke, Uli. "The Politics of Love: Rethinking the Sensual Life of the State." Double Session: New Discourses of the Old Nation-State: Territories, Identities, Practices, organized by Ingrid A. Medby and Berit Kristoffersen (Durham University). Association of American Geographers Annual Meeting. San Francisco, CA. 1 Apr. 2016. Conference Presentation. £

Invited Keynote/Presentation: Linke, Uli. "Speaking in Tongues: Language and Belonging in Germany." International Conference: "Untying the Mother Tongue: On Language, Affect, and the Unconscious," organized by Federico Dal Bo and Antonio Castore. ICI Berlin Kulturlabor, Institute for Cultural Inquiry. Berlin, Germany. 11-12 May 2016. Conference Presentation. £

Journal Paper: Linke, Uli. "Speaking in Tongues: Language and National Belonging in Globalizing Europe." *disClosure: A Journal of Social Theory* 25. 8 (2016): 84-102. Web. «

William D Middleton, Associate Professor

Invited Paper: Middleton, William D. "Discus-sant." Annual Meeting of the Society for American Archaeology. (2016). Print.

Book Chapter: Middleton, William D. "Research on chemical traces of human activities." *Li-angchengzhen: 1998-2001 Excavation Report (volumes I-IV)*. Ed. Luan Fengshi, et al. Wenwu, Shandong: Cultural Relics Press, 2016. 1575-1595. Print. ~

**CHESTER F. CARLSON CENTER FOR
IMAGING SCIENCE**

Michael G Coleman, Assistant Professor

Journal Paper: Coleman, Michael G., et al. "Cyclopropanation of Internal Alkynylsilanes and Diazoacetates Catalyzed by Copper(I) N-heterocyclic Carbene Complexes." *Organic & Biomolecular Chemistry* 14. 5 (2016): 1742--1747. Print. *

Nathan C Eddingsaas, Assistant Professor

Book Chapter: Eddingsaas, Nathan C. "Mechanoluminescence Induced by Acoustic Cavitation." *Triboluminescence - Theory, Synthesis, and Applications*. Ed. David O. Olawale. : Springer, 2016. 1-454. Web. *

Journal Paper: Eddingsaas, Nathan C., et al. "Variation in pH of Model Secondary Organic Aerosol during Liquid-Liquid Phase Separation." *Journal of Physical Chemistry A*. (2016): 1-9. Web. *

Christopher Kanan

Published Conference Proceedings: Kafle, Kushal and Christopher Kanan. "Answer-Type Prediction for Visual Question Answering." *Proceedings of the IEEE Computer Vision and Pattern Recognition Conference 2016 (CVPR-2016)*. Ed. IEEE. Las Vegas, NV: IEEE, 2016. Web. «

Jeffrey L Mills, Lecturer

Journal Paper: Mills, Jeffrey L., et al. "Cyclopropanation of Internal Alkynylsilanes and Diazoacetates Catalyzed by Copper(I) N-heterocyclic Carbene Complexes." *Organic & Biomolecular Chemistry* 14. 5 (2016): 1742--1747. Print. *

Grover Swartzlander, Associate Professor

Journal Paper: Swartzlander, Grover, et al. "Digital Generation of Partially Coherent Vortex Beams." *Optics Letters* 41. 15 (2016): 3471-3474. Print. *

Journal Paper: Perez-Garcia, Benjamin, et al. "Digital Generation of Partially Coherent Vortex Beams." *Optics Letters* 41. 15 (2016): 3471-3474. Print. *

Invited Paper: Swartzlander, Grover. "JOSA B Celebrates OSA's Centennial: Editorial." *Journal of the Optical Society of America B*. (2016). Print.

Journal Paper: Wan, Lingyu, Garreth Ruane, and Grover Swartzlander. "Low-angle Optical Vortex Coronagraphic Scatterometer." *Optics Letters* 41. 21 (2016): 4915-4918. Print. *

Published Conference Proceedings: Swartzlander, Grover. "An Orbiting Laserport for Low Mass Sailcraft Propulsion." *Proceedings of the Frontiers in Optics 2016*. Ed. Optical Society of America. Rochester, NY: Optical Society of America, Print.

Published Conference Proceedings: Peng, Xiaopeng and Grover Swartzlander. "Shape Reconstruction and Orientation Estimation of Transparent Microscopic Object using Light Field Microscopy." *Proceedings of the Frontiers in Optics 2016*. Ed. Optical Society of America. Rochester, NY: Optical Society of America, Print.

Published Conference Proceedings: Swartzlander, Grover. "Imaging and Instrumentation Applications of Optical Vortices." *Proceedings of the Imaging and Applied Optics 2016*. Ed. Optical Society of America. Heidelberg, Germany: Optical Society of America, Print.

Published Conference Proceedings: Wirth, Jacob, et al. "Simulating Phase-Only Pupil Plane Masks for Laser Suppression." Proceedings of the Frontiers in Optics 2016. Ed. Optical Society of America. Rochester, NY: Optical Society of America, Print.

Journal Paper: Artusio-Glimpse, Alexandra, Jacob Wirth, and Grover Swartzlander. "Optical Gradient Force Assist Maneuver." Optics Letters 41. 17 (2016): 4142-4145. Print. *

Invited Paper: Swartzlander, Grover. "JOSA B Celebrates OSA's Centennial II: Editorial." Journal of the Optical Society of America B. (2016). Print.

Published Conference Proceedings: Artusio-Glimpse, Alexandra, et al. "Optical Energy Transfer from Relative Motio." Proceedings of the Frontiers in Optics 2016. Ed. Optical Society of America. Rochester, NY: Optical Society of America, Print.

Journal Paper: Watnik, Abbie, et al. "Incoherent Imaging in the Presence of Unwanted Laser Radiation: Vortex and Axicon Wavefront Coding." Optical Engineering 55. 12 (2016): 123102. Print. *

Published Conference Proceedings: Perez-Garcia, Benjamin, et al. "Digital Control of Spatial Coherence in Vortex Beams." Proceedings of the Spie Laser Beam Shaping XVII. Ed. Forbes, A and Lizotte, TE. San Diego, CA: ISSN: 0277-786X, Print.

COLOR SCIENCE

Mark Fairchild, Professor

Journal Paper: Fairchild, Mark and Rodney Heckaman. "Measuring Observer Metamerism: The Nimeroff Approach." Color Research and Application 41. (2016): 115-124. Print. *

Journal Paper: Asano, Yuta, Mark Fairchild, and Laurent Blondé. "Individual Colorimetric Observer Model." PLOS ONE 11. (2016): e0145671. Web. *

Invited Article/Publication: Fairchild, Mark. "Individual Differences in Color Matching and Adaptation: Importance in Lighting." Light + Color: IES Research Symposium III. (2016). Print. Δ

Journal Paper: Long, David and Mark Fairchild. "Observer Metamerism Models and Multiprimary Display Systems." SMPTE Motion Imaging Journal 125. (2016): 18-29. Print. Δ

Book Chapter: Fairchild, Mark. "Joseph William Lovibond." Encyclopedia of Color Science & Technology. London, UK: Springer, 2016. 1-1. Print. Δ

Journal Paper: Asano, Yuta, Mark Fairchild, and Laurent Blondé. "Color Matching Experiment for Highlighting Inter-observer Variability." Color Research and Application 41. (2016): 530-539. Print. *

Published Conference Proceedings: Fairchild, Mark. "From Photon to Brain: The Perception of a Color." Proceedings of the IS&T 24th Color & Imaging Conference. Ed. IS&T. San Diego, CA: n.p., 2016. Print. *

Published Conference Proceedings: Cai, Shengyan and Mark Fairchild. "Individual Corresponding Colors Data and Chromatic Adaptation Transform." Proceedings of the IS&T 24th Color & Imaging Conference. Ed. IS&T. San Diego, CA: n.p., 2016. Print. *

Published Conference Proceedings: Murdoch, Michael and Mark Fairchild. "Effects of Inter-observer Variation on Color Rendering Metrics." Proceedings of the IS&T 24th Color & Imaging Conference. Ed. IS&T. San Diego, CA: n.p., 2016. Print. *

FEATURED FACULTY

CHARLES BACHMANN IS THE FREDERICK AND ANNA B. WIEDMAN CHAIR AND ASSOCIATE PROFESSOR IN THE CHESTER F. CARLSON CENTER FOR IMAGING SCIENCE.

His research focuses on remote sensing, especially hyperspectral imaging in the coastal zone and desert environments. Topics such as radiative transfer models, and their inversion to retrieve geophysical and biophysical parameters from spectral imagery of the Earth's surface, constitute key areas. In addition to these physical models, Bachmann also studies more abstract data-driven models based on manifold and graph representations of high-dimensional spectral imagery data, an area in which he holds one of his two US patents. He is deeply involved in calibration and model validation studies in both laboratory and field settings in a variety of applications.

Remote Sensing of the Earth's surface from airborne and satellite imaging systems provides a vast wealth of information useful in a wide range of applications from the environment and agriculture to defense. Spectral imaging, in particular, has become a key tool in these applications because it provides diagnostic information about composition and abundance of materials in each image pixel. Bachmann has developed novel instrumentation that helps validate models for retrieval of geophysical and biophysical parameters from hyperspectral imaging systems, which image the Earth's surface in hundreds of wavelengths of light simultaneously. Bachmann has developed two generations of a first-in-class hyperspectral goniometer: the Goniometer of the Rochester Institute of Technology (GRIT) and GRIT-Two (GRIT-T). Goniometers characterize the angular dependence of the spectrum of light reflecting off, for example, the Earth's surface - information critical to retrieving many important geophysical parameters. These unique instruments can be used in both laboratory and field settings, such as the joint Algodones Dunes experiment in March 2015 conducted jointly by the NASA Goddard Lidar Hyperspectral and Thermal (G-LiHT) sensor team, Bachmann's RIT research group, and several university partners.

Bachmann maintains active collaborations with universities, government laboratories, international partners, and is delighted to be part of the vibrant research environment of the Digital Imaging and Remote Sensing Laboratory in CIS. More details of Bachmann's research can be found at <https://www.cis.rit.edu/faculty-and-staff/profile/cmbpci>.

Charles Bachmann

Frederick and Anna B. Wiedman Chair and Associate Professor
College of Science



GRIT

Published Conference Proceedings: Fairchild, Mark. "Individual Differences in Color Matching and Adaptation: Theory and Practice." Proceedings of the IS&T 24th Color & Imaging Conference. Ed. IS&T. San Diego, CA: n.p., 2016. Print. *

Published Review: Fairchild, Mark. "Spotlight Summary of "Method to Determine Degrees of Consistency in Experimental Datasets of Perceptual Color Differences"." Rev. of Method to Determine Degrees of Consistency in Experimental Datasets of Perceptual Color Differences, ed. OSA. OSA Spotlight on Optics 2016: 1-1. Web. Δ

Susan Farnand, Visiting Assistant Professor

Journal Paper: Farnand, Susan, Vaidyanathan, Preethi, and Jeff B. Pelz. "Recurrence Metrics for Assessing Eye Movements in Perceptual Experiments." Journal of Eye Movement Research 9. 4 (2016): 1-9. Web. *

Published Conference Proceedings: Farnand, Susan, et al. "A Methodology For Perceptual Image Quality Assessment Of Smartphone Cameras." Proceedings of the IS&T's Electronic Imaging: Image Quality and Systems Performance, February 2016, San Francisco. Ed. Chaker Larabi, Robin Jenkin. Springfield, Virginia: n.p., Web. ~

Michael J Murdoch

Published Conference Proceedings: Murdoch, Michael J. and Mark D. Fairchild. "Effects of Inter-Observer Variation on Color Rendering Metrics." Proceedings of the 24th Color and Imaging Conference. Ed. Philipp Urban. San Diego, CA: IS&T, 2016. Print. «

Peer Reviewed/Juried Poster Presentation: Hassani, Nargess and Michael J. Murdoch. "Color Appearance Modeling in Augmented Reality." Proceedings of the Symposium on Applied Perception, 22-23 July, 2016, Anaheim, CA, USA. Ed. Andrew Robb, Clemson University. Anaheim, CA: Association for Computing Machinery (ACM). «

SCHOOL OF CHEMISTRY AND MATERIALS SCIENCE

Jeremy A Cody, Associate Professor

Journal Paper: Cody, Jeremy A., et al. "Phase Separation, Crystallinity and Monomer-Aggregate Population Control in Solution Processed Small Molecule Solar Cells." Solar Energy Materials and Solar Cells 157. (2016): 366--376. Print. *

Journal Paper: Cody, Jeremy A. "Phase Separation, Crystallinity and Monomer-Aggregate Population Control in Solution Processed Small Molecule Solar Cells." Solar Energy Materials & Solar Cells 157. (2016): 366--376. Print. *

Michael G Coleman, Assistant Professor

Journal Paper: Coleman, Michael G., et al. "Cyclopropanation of Internal Alkynylsilanes and Diazoacetates Catalyzed by Copper(I) N-Heterocyclic Carbene Complexes." Organic & Biomolecular Chemistry 14. 5 (2016): 1742--1747. Print. *

Christopher Collison

Journal Paper: Collison, Christopher J., et al. "Phase Separation, Crystallinity and Monomer-Aggregate Population Control in Solution Processed Small Molecule Solar Cells." Solar Energy Materials and Solar Cells 157. (2016): 366--376. Print. *

Nathan C Eddingsaas, Assistant Professor

Book Chapter: Eddingsaas, Nathan C. "Mechanoluminescence Induced by Acoustic Cavitation." Triboluminescence - Theory, Synthesis, and Applications. Ed. David O. Olawale. : Springer, 2016. 237--271. Print. *

Journal Paper: Eddingsaas, Nathan C., et al. "Variation in pH of Model Secondary Organic Aerosol during Liquid-Liquid Phase Separation." Journal of Physical Chemistry A 120. 18 (2016): 2868--2876. Print. *

Lea Michel, Assistant Professor

Journal Paper: Michel, Lea V. "Approaching Undergraduate Research with Students who are Deaf and Hard-of-Hearing." *Journal of Science Education for Students with Disabilities*. (2016): 1-20. Web. *

Casey W Miller, Associate Professor

Journal Paper: Miller, Casey. "Scaling Law for Electrocaloric Temperature Change in Antiferroelectrics." *Scientific Reports*. (2016): --. Print. *

Journal Paper: Miller, Casey. "Spatial Evolution of the Ferromagnetic Phase Transition in an Exchange Graded Film." *PRL*. (2016): --. Print. *

Jeffrey L Mills, Lecturer

Journal Paper: Mills, Jeffrey L., et al. "Cyclopropanation of Internal Alkynylsilanes and Diazoacetates Catalyzed by Copper(I) N-Heterocyclic Carbene Complexes." *Organic & Biomolecular Chemistry* 14. 5 (2016): 1742--1747. Print. *

Suzanne O'Handley

Journal Paper: O'Handley, Suzanne F., et al. "Kinetic and Mutational Studies of the Adenosine Diphosphate Ribose Hydrolase from *Mycobacterium Tuberculosis*." *J Bioenerg Biomembr*. 48. 6 (2016): 557--567. Print. *

Journal Paper: O'Handley, Suzanne F., et al. "Insights into the Substrate Specificity of the MutT Pyrophosphohydrolase using Structural Analogues of 8-Oxo-2'-Deoxyguanosine Nucleotide." *Bioorg Med Chem Lett*. 26. 8 (2016): 2014--2017. Print. *

Michael Pierce, Assistant Professor

Journal Paper: Pierce, Michael s., et al. "Phase Separation, Crystallinity and Monomer-Aggregate Population Control in Solution Processed Small Molecule Solar Cells." *Solar Energy Materials and Solar Cells* 157. (2016): 366--376. Print. *

N Rao, Research Professor

Journal Paper: Rao, Navalgund A., et al. "Photoacoustic Imaging with an Acoustic Lens Detects Prostate Cancer Cells Labeled with PSMA-Targeting Near-Infrared Dye-Conjugates." *Journal of Biomedical Optics* 66019. 21. 6 (2016): 66019--66023. Print. *

John-David R Rocha, Assistant Professor

Journal Paper: Rocha, John-David R., et al. "Emerging Investigators Series: Highly Effective Adsorption of Organic Aromatic Molecules From aqueous Environments by Electronically Sorted Single-walled Carbon Nanotubes." *Environmental Science: Water Research & Technology* 3. 2 (2016): 203--212. Print. *

Journal Paper: Rocha, John-David R., et al. "Single-Walled Carbon Nanotube Separations Using Simple Metal Ionic Salt Additives in Gel-Based Chromatography." *ECS Journal of Solid State Science & Technology*. (2016): 1-7. Web. *

Kalathur S Santhanam, Professor

Full Length Book: Santhanam, Kalathur S.V. *Clean Energy: Hydrogen/Fuel cell*. 1st ed. : World Scientific, 2016. Print. *

Journal Paper: Santhanam, Kalathur S.V. "Electrochemical Deposition of Copper in Graphene Quantum Dot Bath: Pool Boiling Enhancement." *Journal of The Electrochemical Society*,(2016) 163. 6 (2016): 166--172. Print. *

Journal Paper: Santhanam, Kalathur S.V. "A New Graphene Composite with A High Coulombic Efficiency." *Journal of Power Sources* 332 (2016) 337-344 332. (2016): 337--344. Print. *

Journal Paper: Santhanam, Kalathur S.V. "Book Review." *MRS Bulletin* 41. June (2016): 1-10. Print. *

Journal Paper: Santhanam, Kalathur S.V. "Book Review." *MRS Bulletin* 41. February (2016): 1-10. Print. *

Journal Paper: Santhanam, Kalathur S.V. "Electrochemical Deposition of Copper in Graphene Quantum Dot Bath: Pool Boiling Enhancement." *Journal of The Electrochemical Society*, 163 (6) E166-E172 (2016) 163. 6 (2016): 166--172. Print. *

Hans F Schmitthenner, Lecturer

Journal Paper: Schmitthenner, Hans F., et al. "Photoacoustic Imaging with an Acoustic Lens Detects Prostate Cancer Cells Labeled with PSMA-Targeting Near-Infrared Dye-Conjugates." *Journal of Biomedical Optics* 66019. 21. 6 (2016): 66019--66023. Print. *

Gerald Takacs, Professor

Full Length Book: Takacs, Gerald A., Gerald A. Takacs, and et al. *Clean Energy: Hydrogen/Fuel Cells Laboratory Manual*. Hackensack, NJ: World Scientific Publishing Company, 2016. Print. *

Journal Paper: Takacs, Gerald A., et al. "Surface Modification of PEN Treated with Ozone and UV Photo-Oxidation." *Surface Innovations* 4. 1 (2016): 39--47. Print. *

Journal Paper: Takacs, Gerald A., et al. "Vacuum UV Photo-Oxidation of Polystyrene." *Journal of Adhesion Science and Technology* 30. 20 (2016): 2212--2223. Print. *

Scott Williams, Professor

Journal Paper: Williams, Scott, et al. "Improving the Run-time Stability with Aerosol Jet Printing Using a Solvent Add-back Bubbler." *Journal of Print Media Technology Research* 5. 3 (2016): 207--214. Print. *

Journal Paper: Williams, Scott, et al. "Photonic Sintering of Aerosol Jet Printed Lead Zirconate Titanate (PZT) Thick Films." *Journal of the American Ceramics Society* 99. 8 (2016): 2569--2577. Print. *

SCHOOL OF MATHEMATICAL SCIENCES

Ephraim Agyingi, Associate Professor

Journal Paper: Agyingi, Ephraim, Matthias Ngwa, and Tamas Wiandt. "The Dynamics of Multiple Species and Strains of Malaria." *Letters in Biomathematics* 3. (2016): 29-40. Web. *

Journal Paper: Agyingi, Ephraim, Tamas Wiandt, and Sophia Maggelakis. "Thermal Profiling of the Evolution of Cutaneous Melanoma with Multilayered Computational Models." *Journal of Coupled Systems and Multiscale Dynamics* 4. (2016): 153-161. Print. Δ

Book Chapter: Agyingi, Ephraim, Tamas Wiandt, and Sophia Maggelakis. "A Quantitative Model of Cutaneous Melanoma Diagnosis using Thermography." *Mathematical and Computational Approaches in Advancing Modern Science and Engineering*. Ed. J. Blair, et al. Switzerland, Switzerland: Springer International Publishing, 2016. 167-175. Print. £

Invited Keynote/Presentation: Agyingi, Ephraim. "Simulation of Biofilm Formation on Cutaneous Wounds." MAA Seaway Section Meeting. RIT. Rochester, NY. 21-21 Oct. 2016. Conference Presentation.

Invited Keynote/Presentation: Agyingi, Ephraim, et al. "Bifurcation and Competitive Exclusion in a Malaria Model with Time Delay." Symposium on Biomathematics and Ecology Education and Research. College of Charleston. Charleston, SC. 14-16 Oct. 2016. Conference Presentation.

Mihail Barbosu

Journal Paper: Barbosu, Michael and Tamas Wiandt. "On a New Inequality in the Planar Three-body Problem." *Astrophysics and Space Science* 361. 6 (2016): 1-5. Print. *

Nathaniel S Barlow, Assistant Professor

Journal Paper: King, Kristina R., et al. "Stability of Algebraically Unstable Dispersive Flows." *Physical Review Fluids* 1. 7 (2016): 073604:1-19. Web. *

Journal Paper: Helenbrook, Brian T. and Nathaniel S. Barlow. "Spatial-temporal Stability Analysis of Faceted Growth with Application to Horizontal Ribbon Growth." *Journal of Crystal Growth* 454. (2016): 35-44. Print. *

Elizabeth Cherry, Associate Professor

Journal Paper: Xue, S, et al. "Sharp Boundary Electrocardiac Simulations." *SIAM Journal on Scientific Computing* 38. (2016): 10-117. Print. *

Journal Paper: Eastman, J, et al. "Using Delay Differential Equations to Induce Alternans in a Model of Cardiac Electrophysiology." *Journal of Theoretical Biology* 404. (2016): 262-272. Print. *

Journal Paper: Ganesan, P, et al. "Development of a Novel Probabilistic Algorithm for Localization of Rotors during Atrial Fibrillation." *Proceedings of the IEEE 38th Annual International Conference of the Engineering in Medicine and Biology Society.* (2016): 493-496. Print. *

Journal Paper: Salmin, AJ, et al. "A Novel Catheter-guidance Algorithm for Localization of Atrial Fibrillation Rotor and Focal Sources." *Proceedings of the IEEE 38th Annual International Conference of the Engineering in Medicine and Biology Society.* (2016): 501-504. Print. *

Journal Paper: Shillieto, KE, et al. "Catheter Simulator Software Tool to Generate Electrograms of any Multi-polar Diagnostic Catheter from 3D Atrial Tissue." *Proceedings of the IEEE 38th Annual International Conference of the Engineering in Medicine and Biology Society.* (2016): 2741-2744. Print. *

Journal Editor: Cherry, EM, ed. *Chaos*. Woodbury, NY: AIP, 2016. Print. *

Michael E Cromer, Assistant Professor

Journal Paper: Cromer, M. and L. P. Cook. "A Study of Pressure-Driven Flow of Wormlike Micellar Solutions through a Converging/Diverging Channel." *Journal of Rheology* 60. (2016): 953-972. Web. £

Journal Paper: Peterson, J. D., et al. "Shear Banding Predictions for the Two-Fluid Rolie-Poly Model." *Journal of Rheology* 60. (2016): 927-951. Web. £

Raluca Felea, Associate Professor

Journal Paper: Felea, R., et al. "Common Midpoint Versus Common Offset Acquisition Geometry in Seismic Imaging." *Inverse Problems and Imaging* 10. 1 (2016): 87 – 102. Print. £

Invited Keynote/Presentation: Felea, R. "The Microlocal Analysis of some Inverse Problems in Bistatic SAR." *LMS-EPSC Durham Symposium 2016: Mathematical and Computational Aspects of Maxwell's Equations.* University of Durham. Durham, UK, UK. 17 Jul. 2016. Conference Presentation.

Invited Keynote/Presentation: Felea, R. "Common Midpoint and Common Offset in Seismic Imaging." *Inverse Problems Symposium.* Virginia Military Institute. Lexington, VA. 7 Jun. 2016. Conference Presentation.

Baasansuren Jadamba, Assistant Professor

Book Chapter: Chugunova, M., et al. "Study of a Mixed Dispersal Population Dynamics Model." *The IMA Volumes in Mathematics and its Applications: Numerical Partial Differential Equations and Scientific Computing.* Ed. Susanne Brenner. New York, NY: Springer, 2016. 51-77. Print. *

Book Chapter: Jadamba, B., et al. "Iterative Methods for the Elastography Inverse Problem of Locating Tumors." *Essays in Mathematics and its Applications.* Ed. T. M. Rassias and P. Pardalos. Cham, Switzerland, NA: Springer, 2016. 101-131. Print. *

Journal Paper: Faraci, F., B. Jadamba, and F. Raciti. "On Stochastic Variational Inequalities with Mean Value Constraints." *J. Optim. Theory Appl.* 171. 2 (2016): 675-693. Print. *

Journal Paper: Jadamba, B., A. Khan, and M. Sama. "Error Estimates for Integral Constraint Regularization of State-Constrained Elliptic Control Problems." *Comput. Optim. Appl.* (2016): 1-33. Web. *

Steven LaLonde

Published Conference Proceedings: LaLonde, Steven. "A Demonstration of Various Models Used in a Key Driver Analysis." *Proceedings of the MidWest SAS Users Group Conference 2016*. Ed. Bruce Lund. Cincinnati, Ohio: Midwest SAS User's Group, 2016. Web. £

Laura M Munoz, Assistant Professor

Invited Keynote/Presentation: Munoz, Laura. "Applications of a Mathematical Model of Cardiac Action Potential Dynamics." *Mathematical Association of America Seaway Section Spring Meeting*. Mathematical Association of America (MAA). Geneseo, NY. 16 Apr. 2016. Conference Presentation.

Invited Keynote/Presentation: Munoz, Laura. "Estimation of Dynamical Variables in a Cardiac Myocyte Model." *Society for Industrial and Applied Mathematics Conference on the Life Sciences*. Society for Industrial and Applied Mathematics (SIAM). Boston, MA. 12 Jul. 2016. Conference Presentation.

Darren A Narayan, Professor

Journal Paper: Merchant-Borna, K., et al. "Novel Method of Weighting Cumulative Helmet Impacts Improves Correlation with Brain White Matter Changes After One Football Season of Sub-concussive Head Blows." *Annals of Biomedical Engineering* 44. 12 (2016): 3679-3692. Print. *

Journal Paper: Vargas, R., et al. "Refining the Clustering Coefficient for Analysis of Social and Neural Network Data." *Social Network Analysis and Mining (Springer)* 6. 49 (2016): 1-8. Print. *

Journal Paper: Swart, B., et al. "Extrema Property of the k-ranking of Directed Paths and Cycles." *AKCE Int. J. Graphs Comb.* 13. (2016): 38-53. Print. *

Invited Keynote/Presentation: Narayan, Darren A. "Graph Theory Methods for Analyzing Social and Neural Network Data." *Data Science Seminar, Department of Mathematics, College of William and Mary*. Williamsburg, VA. 2 Mar. 2016. Guest Lecture. Δ

Invited Keynote/Presentation: Narayan, Darren A. "STEM Real World Applications of Mathematics." *SIAM Conference on Applied Mathematics Education*. Society for Industrial and Applied Mathematics. Philadelphia, PA. 30 Sep. 2016. Conference Presentation.

Invited Keynote/Presentation: Narayan, Darren A. "STEM Real World Applications of Mathematics,." *Careers in Mathematics Speaker Series*. Department of Mathematics, Brigham Young University. Provo, UT. 28 Oct. 2016. Guest Lecture.

Invited Keynote/Presentation: Narayan, Darren A. "STEM Real World Applications of Mathematics." *Joint Mathematics Meetings MAA Poster Session on Projects Supported by the NSF Division of Undergraduate Education*. Mathematical Association of America. Seattle, WA. 7 Jan. 2016. Conference Presentation.

Invited Keynote/Presentation: Narayan, Darren A. and Roger Vargas. "Temporal Graph Theory and Functional Connectivity in the Human Brain." *Joint Mathematics Meetings, AMS Session on Combinatorics and Graph Theory*, V. American Mathematical Society. Seattle, WA. 9 Jan. 2016. Conference Presentation.

Invited Keynote/Presentation: Narayan, Darren A. "Graph Theory Metrics for Analyzing Functional MRI Data and Brain Connectivity." Joint Mathematics Meetings. Mathematical Association of America. Seattle, WA. 9 Jan. 2016. Conference Presentation.

Invited Keynote/Presentation: Narayan, Darren A. "Refining the Clustering Coefficient for Analysis of Social and Neural Network Data." Applied Mathematics Colloquium. Department of Mathematics, University of North Carolina. Chapel Hill, NC. 15 Apr. 2016. Guest Lecture.

Invited Keynote/Presentation: Narayan, Darren A. "STEM Real World Applications of Mathematics." Fall MAA Seaway Section Meeting. Mathematical Association of America. Rochester, NY. 22 Oct. 2016. Conference Presentation.

David Ross, Professor

Journal Paper: Ross, David S., Kara L. Maki, and Emily K. Holtz. "Existence Theory for the Radially Symmetric Contact Lens Equation." *SIAM Journal on Applied Mathematics* 76. 3 (2016): 827-844. Print. £

Journal Paper: Caniga, Michael, et al. "Preclinical Experimental and Mathematical Approaches for Assessing Effective Doses of Inhaled Drugs, Using Mometasone to Support Human Dose Predictions." *Journal of Aerosol Medicine and Pulmonary Drug Delivery* 29. 4 (2016): 362-377. Print. £

John Whelan, Associate Professor

Journal Paper: Abbott, B P, et al. "Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo." *Living Reviews in Relativity* 19. (2016): 1-1. Web. *

Journal Paper: Abbott, B P, et al. "Observation of Gravitational Waves from a Binary Black Hole Merger." *Physical Review Letters* 116. (2016): 1-16. Web. *

Journal Paper: Abbott, B P, et al. "Astrophysical Implications of the Binary Black Hole Merger GW150914." *The Astrophysical Journal Letters* 818. (2016): 1-15. Web. *

Journal Paper: Abbott, B P, et al. "All-sky Search for Long-duration Gravitational Wave Transients with Initial LIGO." *Physical Review D* 93. (2016): 42005. Print. *

Journal Paper: Aasi, J, et al. "Search of the Orion Spur for Continuous Gravitational Waves using a Loosely Coherent Algorithm on Data from LIGO Interferometers." *Physical Review D* 93. (2016): 42006. Print. *

Journal Paper: Aasi, J, et al. "First Low Frequency All-sky Search for Continuous Gravitational Wave Signals." *Physical Review D* 93. (2016): 42007. Print. *

Journal Paper: Abbott, B P, et al. "GW150914: The Advanced LIGO Detectors in the Era of First Discoveries." *Physical Review Letters* 116. (2016): 131103. Print. * ≠

Journal Paper: Abbott, B P, et al. "GW150914: Implications for the Stochastic Gravitational-Wave Background from Binary Black Holes." *Physical Review Letters* 116. (2016): 131102. Print. * ≠

Journal Paper: Abbott, B P, et al. "Tests of General Relativity with GW150914." *Physical Review Letters* 116. (2016): 221101. Print. * ≠

Journal Paper: Abbott, B P, et al. "Characterization of Transient Noise in Advanced LIGO Relevant to Gravitational Wave Signal GW150914." *Classical and Quantum Gravity* 33. (2016): 134001. Print. *

Journal Paper: Abbott, B P, et al. "GW150914: First Results from the Search for Binary Black Hole Coalescence with Advanced LIGO." *Physical Review D* 93. (2016): 122003. Print. *

Journal Paper: Abbott, B P, et al. "Observing Gravitational-wave Transient GW150914 with Minimal Assumptions." *Physical Review D* 93. (2016): 122004. Web. * ≠

Journal Paper: Abbott, B P, et al. "Properties of the Binary Black Hole Merger GW150914." *Physical Review Letters* 116. (2016): 241102. Print. * ≠

Journal Paper: Abbott, B P, et al. "GW151226: Observation of Gravitational Waves from a 22-Solar-Mass Binary Black Hole Coalescence." *Physical Review Letters* 116. (2016): 241103. Print. * ≠

Journal Paper: Abbott, B P, et al. "Search for Transient Gravitational Waves in Coincidence with Short-duration Radio Transients during 2007–2013." *Physical Review D* 93. (2016): 122008. Print. *

Journal Paper: Adrián-Martínez, S., et al. "High-energy Neutrino Follow-up Search of Gravitational Wave Event GW150914 with ANTARES and IceCube." *Physical Review D* 93. (2016): 122010. Print. *

Tamas Wiandt, Associate Professor

Journal Paper: Agyingi, E., et al. "Modeling the dynamics of multiple species and strains of malaria." *Letters in Biomathematics* 3. 1 (2016): 29-40. Print. «

Journal Paper: Barbosu, M. and T. Wiandt. "On a New Inequality in the Planar Three-body Problem." *Astrophysics and Space Science* 361. 6 (2016): 1-5. Print. «

Journal Paper: Agyingi, E., et al. "Thermal Profiling of the Evolution of Cutaneous Melanoma with Multilayered Computational Models." *Journal of Coupled Systems and Multiscale Dynamics* 4. 2 (2016): 153-161. Print. «

Journal Paper: Brooks, B., et al. "The Discrete Dual-Harvester Single-Resource Model." *Far East Journal of Applied Mathematics* 95. 6 (2016): 387-400. Print. «

Journal Paper: Wiandt, T. "Intensity of Attractors for Closed Relations on Compact Hausdorff Spaces." *International Journal of Difference Equations* 11. 2 (2016): 215-223. Print. «

Book Chapter: Agyingi, E., S. Maggelakis, and T. Wiandt. "A Quantitative Model of Cutaneous Melanoma Diagnosis using Termography." *Mathematical and Computational Approaches in Advancing Modern Science and Engineering*. Ed. J. Belair, et al. Cham, Switzerland: Springer International Publishing, 2016. 167-175. Print. «

SCHOOL OF PHYSICS AND ASTRONOMY

Mishkatul Bhattacharya, Assistant Professor

Journal Paper: Bhattacharya, Mishkat and Wenchao Ge. "Single and Two-mode Mechanical Squeezing of an Optically Levitated Nanodiamond via Dressed-state Coherence." *New Journal of Physics* 18. (2016): 1030021--10300216. Print. *

Journal Paper: Bhattacharya, Mishkat and Hao Shi. "Optomechanics Based on Angularmomentum Exchange between Light and Matter." *Journal of Physics B: Atomic Molecular and Optical Physics* 49. (2016): 153001-1--153001-18. Print. *

Journal Paper: Bhattacharya, Mishkat, Brandon Rodenburg, and Levi Neukirch. "Quantum Model of Cooling and Force Sensing with an Optically Trapped Nanoparticle." *Optica* 3. (2016): 318--323. Print. *

Journal Paper: Bhattacharya, Mishkatul and Hao Shi. "Optomechanics Based on Angular Momentum Exchange between Light and Matter." *Journal of Physics B*. (2016): 1-33. Print. *

Journal Paper: Bhattacharya, Mishkat, et al. "Feedback-Induced Bistability of an Optically Levitated Nanoparticle: A Fokker-Planck Treatment." *Physical Review A* 94. (2016): 023808-1-023808-10. Print. *

Sukanya Chakrabarti, Assistant Professor

Journal Paper: Chakrabarti, Sukanya and Andrew Lipnicky. "Is the Vast Polar Structure of Dwarf Galaxies A Serious Problem For Cold Dark Matter?" *MNRAS*. (2016): 1-14. Web. *

Journal Paper: Chakrabarti, Sukanya. "The AG-ORA High-resolution Galaxy Simulations Comparison Project. II. Isolated Disk Test." *ApJ* 833. (2016): 1-28. Web. *

Journal Paper: Chakrabarti, Sukanya, et al. "Galactoseismology: Discovery of a Cluster of Receding, Variable Halo Stars." *ApJ*. (2016): 1-5. Web. *

Published Conference Proceedings: Chakrabarti, Sukanya. "Galactoseismology in the GAIA Era." *Proceedings of the Galaxy Outskirts*. IAU, 2016. Print. *

Jeremy A Cody, Associate Professor

Journal Paper: Cody, Jeremy A., et al. "Phase Separation, Crystallinity and Monomer-Aggregate Population Control in Solution Processed Small Molecule Solar Cells." *Solar Energy Materials and Solar Cells* 157. (2016): 366--376. Print. *

Christopher Collison

Journal Paper: Collison, Christopher J., et al. "Phase Separation, Crystallinity and Monomer-Aggregate Population Control in Solution Processed Small Molecule Solar Cells." *Solar Energy Materials and Solar Cells* 157. (2016): 366--376. Print. *

Paul A Craig, Professor

Journal Paper: Craig, Paul A., et al. "Everybody Counts or Nobody Counts: Moving Toward a More Inclusive Environment for Students, Staff, and Faculty." *The Department Chair* 27. 2 (2016): 25--26. Print. *

Moumita Das, Assistant Professor

Journal Paper: Das, Moumita, et al. "Chase and Run Dynamics and Molecular Rupture of Interacting Elastic Dimers." *arXiv: 1612.09052*. (2016): 1-6. Print. *

Journal Paper: Das, Moumita, et al. "Dynamic Self-Organization of Microwell-Aggregated Cellular Mixtures." *Soft Matter* 12. (2016): 5739--5746. Print. *

Scott Franklin, Professor

Full Length Book: Franklin, Scott V., Scott V. Franklin, and Mark D. Shattuck. *Handbook of Granular Materials*. 1 ed. Boca Raton, Florida: Taylor and Francis, 2016. Print. *

Journal Paper: Franklin, Scott V., et al. "Ant Aggregations Self-Heal to Compensate for the Ringelmann Effect." *Soft Matter* 12. 18 (2016): 4214--4220. Print. *

Edwin Hach

Journal Paper: Hach, Edwin E., et al. "A Quantum Optical Description of Losses in Ring Resonators based on Field Operator Transformations." *Physical Review A*. (2016): 1-26. Web. *

Journal Paper: Hach, Edwin E., et al. "Violations of a Bell Inequality for Entangled SU(1,1) Coherent States based on Dichotomic Observables." *Physical Review A* A93. (2016): 0421041--0421048. Print. *

Published Conference Proceedings: Hach, Edwin E. "Silicon Nanophotonic Networks for Quantum Optical Information Processing." *Proceedings of the SPIE Defense+Security 2016*. Baltimore, Maryland: SPIE, 2016. Print. *

Seth Hubbard, Associate Professor

Full Length Book: Hubbard, S. PV from Fundamentals to Applications. 10 ed. Chichester, United Kingdom: Wiley, 2016. Print. *

Journal Paper: Hubbard, Seth, et al. "Effect of Doping on Room Temperature Carrier Escape Mechanisms in InAs/GaAs Quantum Dot p-i-n Junction Photovoltaic Cells." *Journal of Applied Physics* 119. 19 (2016): 194301-194301. Print. *

Journal Paper: Hubbard, Seth, et al. "Defect Characterization of Proton Irradiated GaAs pn-junction Diodes with Layers of InAs Quantum Dots." *Journal of Applied Physics* 119. 18 (2016): 1-10. Print. *

Journal Paper: Hubbard, S, et al. "Calculation of Strain Compensation Thickness for III-V Semiconductor Quantum Dot Superlattices." *Journal of Crystal Growth* 454. (2016): 64--70. Print. *

Jeyhan S Kartaltepe

Journal Paper: Kartaltepe, Jeyhan, et al. "Beyond Spheroids and Discs: Classifications of CANDELS Galaxy Structure at $1.4 > z > 2$ via Principal Component Analysis." *MNRAS* 458. 963 (2016): 1-31. Web. *

Journal Paper: Kartaltepe, Jeyhan, et al. "Cosmic Web of Galaxies in the COSMOS Field: Public Catalog and Different Quenching for Centrals and Satellites." *ApJ*. (2016): 1-17. Web. *

Journal Paper: Kartaltepe, Jeyhan, et al. "Galaxy Zoo: Quantitative Visual Morphological Classifications for 48 000 Galaxies from CANDELS." *MNRAS* 464. 4420 (2016): 1-30. Print. *

Journal Paper: Kartaltepe, Jeyhan, et al. "Mass Assembly and Morphological Transformations since $z \sim 3$ from CANDELS." *MNRAS* 462. 4495 (2016): 1-22. Web. *

Journal Paper: Kartaltepe, Jeyhan, et al. "The Chandra Cosmos Legacy Survey: Overview and Point Source Catalog." *ApJ* 819. 62 (2016): 1-18. Web. *

Journal Paper: Kartaltepe, Jeyhan, et al. "The COSMOS2015 Catalog: Exploring the $1 < z < 6$ Universe with Half a Million Galaxies." *ApJS* 224. 24 (2016): 1-26. Web. *

Journal Paper: Kartaltepe, Jeyhan, et al. "The FMOS-COSMOS Survey of Star-forming Galaxies at $z \sim 1.6$. IV: Excitation State and Chemical Enrichment of the Interstellar Medium." *ApJ*. (2016): 1-27. Web. *

M Kotlarchyk, Professor

Invited Article/Publication: Craig, Paul A., Michael Kotlarchyk, and Sophia Maggelakis. "Everybody Counts or Nobody Counts: Moving Toward a More Inclusive Environment for Students, Staff, and Faculty." *The Department Chair*. (2016). Print. Δ

Journal Paper: Kotlarchyk, Michael, et al. "Basis for Calculating Cross Sections for Nuclear Magnetic Resonance Spin-Modulated Polarized Neutron Scattering." *Journal of Chemical Physics* 145. (2016): 2442021--2442031. Print. *

Journal Paper: Kotlarchyk, Michael and George M. Thurston. "Basis for Calculating Cross Sections for Nuclear Magnetic Resonance Spin-Modulated Polarized Neutron Scattering." *Journal of Chemical Physics* 145. (2016): 244201. Print. *

Journal Paper: Kotlarchyk, Michael, et al. "Everybody Counts or Nobody Counts: Moving Toward a More Inclusive Environment for Students, Staff, and Faculty." *The Department Chair* 27. 2 (2016): 25--26. Print. *

Aaron McGowan, Lecturer

Journal Paper: McGowan, Aaron M., et al. "Measurement of Neutral-Current K⁺ Production by Neutrinos using MINERvA." *Phys.Rev.Lett.* (2016): 1-9. Web. *

Journal Paper: McGowan, Aaron M., et al. "Measurements of the Inclusive Neutrino and Antineutrino Charged current Cross Sections in MINERvA using the low-Flux Method." *Phys. Rev.D.* 94. no.11 (2016): 112007-1--9. Print. *

Journal Paper: McGowan, Aaron M., et al. "Neutrino Flux Predictions for the NuMI Beam." *Phys. Rev.D* 94. no.9 (2016): 092005-1--10. Print. *

Journal Paper: McGowan, Aaron M., et al. "First Evidence of Coherent K⁺ Meson Production in Neutrino-Nucleus Scattering." *Phys.Rev.Lett.* 117. no.6 (2016): 061802-1--6. Print. *

Journal Paper: McGowan, Aaron M., et al. "Cross Sections for Neutrino and Antineutrino induced Pion Production on Hydrocarbon in the few-GeV Region using MINERvA." *Phys.Rev.D* 94. no.5 (2016): 052005-1--18. Print. *

Journal Paper: McGowan, Aaron M., et al. "Measurement of K⁺ Production in Charged-Current μ Interactions." *Phys.Rev.D* 94. no.1 (2016): 012002-1--13. Print. *

Journal Paper: McGowan, Aaron M., et al. "Evidence for Neutral-Current Diffractive Neutral Pion Production from Hydrogen in Neutrino Interactions on Hydrocarbon." *Phys.Rev.Lett.* 116. no.11 (2016): 111801-1--6. Print. *

Journal Paper: McGowan, Aaron M., et al. "Measurement of Partonic Nuclear Effects in Deep-Inelastic Neutrino Scattering using MINERvA." *Phys.Rev.D* 93. no.7 (2016): 071101-1--7. Print. *

David Merritt, Professor

Book Chapter: Merritt, David R. "Orbital Motion in Galactic Nuclei." *Astrophysical Black Holes.* Ed. F. Haardt. Berlin, Berlin: Springer, 2016. 145--203. Print. *

Journal Paper: Merritt, David R., et al. "On the Origins of Enigmatic Stellar Populations in Local Group Galactic Nuclei." *Monthly Notices of the Royal Astronomical Society* 463. 2 (2016): 1605--1623. Print. *

Journal Paper: Merritt, David R., et al. "Evolution of Binary Supermassive Black Holes in Rotating Nuclei." *The Astrophysical Journal.* (2016): 1-48. Web. *

Journal Paper: Merritt, David R. "Cosmology and Convention." *Studies in History and Philosophy of Modern Physics.* (2016): 1-10. Print. *

Journal Paper: Merritt, David R., et al. "Evolution of Massive Black Hole Binaries in Rotating Stellar Nuclei: Implications for Gravitational Wave Detection." *Physical Review D.* (2016): --. Print. *

Christopher ODea, Research Professor

Journal Paper: O'Dea, Christopher P., et al. "Molecular Gas Along a Bright H-alpha Filament in 2A 0335+096 Revealed by ALMA." *The Astrophysical Journal* 832. (2016): 148--160. Print. *

Journal Paper: O'Dea, Christopher P., et al. "Star Formation in Intermediate Redshift $0.2 > z > 0.7$ Brightest Cluster Galaxies." *The Astrophysical Journal*, 833. (2016): 224--234. Print. *

Journal Paper: O'Dea, Christopher P., et al. "The Extreme Ultraviolet Variability of Quasars." *The Astrophysical Journal* 830. (2016): 104--123. Print. *

Journal Paper: O'Dea, Christopher P., et al. "High-velocity Bipolar Molecular Emission from an AGN Torus." *The Astrophysical Journal Letters* 829. (2016): 7--12. Print. *

Journal Paper: O'Dea, Christopher P., et al. "Swift Observations of Unidentified Radio Sources in the Revised Third Cambridge Catalogue." *Monthly Notices of the Royal Astronomical Society* 460. (2016): 3829--3837. Print. *

Journal Paper: O'Dea, Christopher P., et al. "Powerful Activity in the Bright Ages. I. A Visible/IR Survey of High Redshift 3C Radio Galaxies and Quasars." *The Astrophysical Journal Supplement Series* 225. (2016): 12--28. Print. *

Journal Paper: O'Dea, Christopher P., et al. "The Environment of $z > 1$ 3CR Radio Galaxies and QSOs: From Proto-clusters to Clusters of Galaxies?" *The Astrophysical Journal* 826. (2016): 46--58. Print. *

Journal Paper: O'Dea, Christopher P., et al. "Cold, Clumpy Accretion onto an Active Supermassive Black Hole." *Nature* 534. (2016): 218--221. Print. *

Journal Paper: O'Dea, Christopher P., et al. "ALMA Observations of Cold Molecular Gas Filaments Trailing Rising Radio Bubbles in PKS 0745-191." *Monthly Notices of the Royal Astronomical Society* 458. (2016): 3134--3149. Print. *

Journal Paper: O'Dea, Christopher P., et al. "Constraints on Feedback in the Local Universe: The Relation between Star Formation and AGN Activity in Early-type Galaxies." *The Astrophysical Journal* 818. (2016): 182--200. Print. *

Journal Paper: O'Dea, Christopher P. and Aneta Siegmiginowska. "Summary." *Astronomische Nachrichten* 337. (2016): 205--209. Print. *

Journal Paper: O'Dea, Christopher P. "The Infrared Properties of the GPS and CSS Radio Sources." *Astronomische Nachrichten* 347. (2016): 141--145. Print. *

Michael Pierce, Assistant Professor

Invited Keynote/Presentation: Pierce, Michael. "Coherent X-ray Scattering of Surfaces: From High-Z Systems in Vacuum to Real-world Environments at Interfaces." *Advanced Photon Source User's Meeting*. Argonne National Laboratory. Argonne, IL. 10 May 2016. Conference Presentation.

Journal Paper: Barbour, Andi, et al. "Partial Glass Isosymmetry Transition in Multiferroic Hexagonal ErMnO₃." *Physical Review B* 93. (2016): 54113. Print. *

Invited Keynote/Presentation: Pierce, Michael. "XPCS from Metal Surfaces and Interfaces." *NSLS-II User Meeting*. Brookhaven National Laboratory. Upton, NY. 25 May 2016. Lecture.

Journal Paper: Loheac, Andrew, et al. "Interaction of Molecular Oxygen with a Hexagonally Reconstructed Au(001) Surface." *Journal of Physical Chemistry C* 120. 40 (2016): 23001--23008. Print. £

Journal Paper: Pierce, Michael S., et al. "Lubricating Ability of Two Phosphonium-based Ionic Liquids as Additives of a Bio-oil for use in Wind Turbines Gearboxes." *Wear*. (2016): 1-12. Web. *

Journal Paper: Pierce, Michael S., et al. "Interaction of Molecular Oxygen with a Hexagonally Reconstructed Au(001) Surface." *Journal of Physical Chemistry* 120. 40 (2016): 23001--23008. Print. *

Journal Paper: Pierce, Michael S., et al. "Phase Separation, Crystallinity and Monomer-Aggregate Population Control in Solution Processed Small Molecule Solar Cells." *Solar Energy Materials and Solar Cells* 157. (2016): 366--376. Print. *

Journal Paper: Pierce, Michael S., et al. "Partial Glass Isosymmetry Transition in Multiferroic Hexagonal ErMnO₃." *Physical Review B* 93. (2016): 054113--54113. Print. *

Michael Richmond, Professor

Journal Paper: Richmond, Michael W., et al. "Survey of Period Variations of Superhumps in SU?UMa-Type Dwarf Novae. VIII. The eighth year (2015-2016)." *Publications of the Astronomical Society of Japan* 68. 4 (2016): 65--128. Print. *

Journal Paper: Richmond, Michael W., et al. "Accretion-Disc Precession in UX Ursae Majoris." *Monthly Notices of the Royal Astronomical Society* 457. 2 (2016): 1447--1455. Print. *

Journal Paper: Richmond, Michael W., et al. "SDSS-II Supernova Survey: An Analysis of the Largest Sample of Type Ia Supernovae and Correlations with Host-galaxy Spectral Properties." *Astrophysical Journal* 821. 2 (2016): 115--142. Print. *

Journal Paper: Richmond, Michael W., et al. "Repetitive Patterns in Rapid Optical Variations in the nearby Black-Hole Binary V404 Cygni." *Nature* 529. 7584 (2016): 54--58. Print. *

Andrew Robinson, Professor

Journal Paper: Robinson, Andrew, et al. "Ionized Gas Kinematics within the Inner Kiloparsec of the Seyfert Galaxy NGC 1365." *Monthly Notices of the Royal Astronomical Society* 459. 4 (2016): 4485--4498. Print. *

Journal Paper: Robinson, Andrew, et al. "Integral Field Spectroscopy of the Circum-Nuclear Region of the Radio Galaxy Pictor A." *Monthly Notices of the Royal Astronomical Society* 458. 1 (2016): 855--867. Print. *

Journal Paper: Robinson, Andrew, et al. "Radio-loud Narrow Line Seyfert 1 under a Different Perspective: A Revised Black Hole Mass Estimate from Optical Spectropolarimetry." *Monthly Notices of the Royal Astronomical Society: Letters* 458. 1 (2016): 69--73. Print. *

Journal Paper: Robinson, Andrew, et al. "Feeding and Feedback in NGC 3081." *Monthly Notices of the Royal Astronomical Society* 457. 1 (2016): 972--985. Print. *

Robert B Teese, Professor

Published Conference Proceedings: Teese, Robert. "Interactive Video Vignettes." *Proceedings of the 20th International Conference on Multimedia in Physics Teaching and Learning*. Munich, Bayern: MPTL, 2016. Print. *

Published Conference Proceedings: Teese, Robert. "Using Online Interactive Physics-based Video Analysis Exercises to Enhance Learning." *Proceedings of the 2013 International Conference on Physics Education*. Prague, Czech Republic: ICPE-EPEC, 2016. Print. *

George Thurston, Professor

Journal Paper: Thurston, George M. and Michael Kotlarchyk. "Basis for Calculating Cross Sections for Nuclear Magnetic Resonance Spin-Modulated Polarized Neutron Scattering." *Journal of Chemical Physics* 145. (2016): 1-10. Web. *

Gregory J Trayling

Journal Paper: Trayling, Gregory J. "Metric and Involution Scores of Clifford Algebras." *Advances in Applied Clifford Algebras* 26. 4 (2016): 1331--1340. Print. *

Benjamin M Zwickl, Assistant Professor

Journal Paper: Zwickl, Benjamin, et al. "Alternative Model for Administration and Analysis of Research-Based Assessments." *Physical Review PER* 12. (2016): 1-7. Print. *

Published Conference Proceedings: Zwickl, Benjamin M. "Contextualizing Problem-Solving Strategies in Physics-Intensive PhD Research." *Proceedings of the 2016 Physics Education Research Conference Proceedings*. Sacramento, California: American Association of Physics Teachers, 2016. Print. *

Published Conference Proceedings: Zwickl, Benjamin M. "Characterizing Problem Types and Features in Physics-Intensive PhD Research." Proceedings of the Physics Education Research Conference. Sacramento, California: American

THOMAS H. GOSNELL SCHOOL OF LIFE SCIENCES

Sandra J Connelly, Assistant Professor

Journal Paper: Connelly, Sandra J., et al. "Effect of Clonal Selection on Daphnia Tolerance to Experimental Conditions." PLOS ONE. (2016): 1-13. Web. ~

Invited Keynote/Presentation: Connelly, Sandra J. and Jeffrey L. Mills. "Real World STEM Experience in a Workshop-based Course Design." Science Teachers Association of New York State, Annual Meeting, 2016. Science Teachers Association of New York State. Rochester, NY. 7 Nov. 2016. Conference Presentation.

National/International Competition Award Winner: Connelly, Sandra J. D2L Corporation. Brightspace Accessibility Award. Washington, D.C., 2016.

National/International Competition Award Winner: Connelly, Sandra J. Online Learning Consortium. 2015 Sloan-C Effective Practice Award. Orlando, FL, 2015.

Feng Cui, Assistant Professor

Journal Paper: Cole, Hope A., et al. "Novel Nucleosomal Particles Containing Core Histones and Linker DNA but no Histone H1." Nucleic Acids Research 44. 2 (2016): 573-581. Print. *

Journal Paper: Ocampo, Josefina, et al. "The Proto-chromatosome: A Fundamental Subunit of Chromatin?" Nucleus 7. 4 (2016): 382-387. Print. *

Irene Evans, Professor

Peer Reviewed/Juried Poster Presentation: Evans, Irene M., et al. "PSMA-Targeted Near Infrared Dye Imaging Agents for Photoacoustic Imaging of Prostate Cancer." Proceedings of the World Molecular Imaging Conference, September 2016, New York, NY. Ed. WMIC. NYC, NY: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Evans, Irene M., et al. "Evaluation of PSMA Targeting Agents for Prostate Cancer Detection Using Confocal Microscopy." Proceedings of the World Molecular Imaging Conference, September 2016, New York, NY. Ed. World Molecular Imaging Conference. New York City, NY: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Evans, Irene, et al. "The Development of Improved Tumor Models for Evaluation of Targeting Molecular Imaging Agents (TMIA's)." Proceedings of the Rochester Academy of Science. Ed. RAS. Brockport, NY: n.p.. ~

Peer Reviewed/Juried Poster Presentation: Evans, Irene M., et al. "Targeted Molecular Imaging Agents (TMIA's) for Improved Detection of Cancers." Proceedings of the American Society of Cell Biology. Ed. ASCB. San Francisco, CA: n.p.. ~

Maureen Ferran

Journal Paper: Ferran, Maureen C, et al. "The Vesicular Stomatitis Virus Matrix Protein Inhibits NF- κ B Activation in Mouse L929 Cells." Virology 499. (2016): 99-104. Print. «

Book Chapter: Ferran, Maureen C. "Cell and Molecular Biology." Nuclear Medicine and PET/CT: Technology and Techniques, 8th Edition. Ed. Paul E. Christian, Kristen M. Waterstram-Rich. Maryland Heights, Missouri: Mosby, 2016. 40-55. Print. Δ

Peer Reviewed/Juried Poster Presentation: Ferran, Maureen C, et al. "Role of Residues 51 and 52 of Vesicular Stomatitis Virus Matrix Protein in Inhibition of NF-kB and the Interferon Response." Proceedings of the American Society of Virology. Ed. Panel of Virologists. Blacksburg, VA: n.p.. *

Carmody K McCalley

Journal Paper: Hodgekins, Suzanne B, et al. "Elemental Composition and Optical Properties Reveal Changes in Dissolved Organic Matter Along a Permafrost Thaw Chronosequence in a Subarctic Peatland." *Geochimica et Cosmochimica Acta* 187. (2016): 123-140. Print. *

Dina Newman, Assistant Professor

Journal Paper: Newman, Dina L., et al. "Development of the Central Dogma Concept Inventory (CDCI) Assessment Tool." *CBE - Life Sciences Education* 15. 2 (2016): ar9. Web. *

Invited Keynote/Presentation: Cardenas, Jordan J., et al. "Arrows in Biology Drawings: Missing the Point of the Figure." 6th Annual Meeting. Society for the Advancement of Biology Education Research. Minneapolis, MN. 16 Jul. 2016. Conference Presentation. * ≠

Invited Keynote/Presentation: Wright, L. Kate and Dina L. Newman. "Development of a New Theoretical Framework and its Application to Learning Meiosis." 6th Annual Meeting. Society for the Advancement of Biology Education Research. Minneapolis, MN. 16 Jul. 2016. Conference Presentation. *

Invited Keynote/Presentation: Cardinale, Jean, et al. "The Effectiveness of Interactive Video Vignettes to Address Introductory Students Common Biological Misconceptions and Promote Learning of Core Biology Concepts." *Envisioning the Future of STEM Undergraduate Education*. National Science Foundation. Washington, DC. 27 Apr. 2016. Conference Presentation. *

Invited Keynote/Presentation: DeOca, Kayla, et al. "DNA Sequence is the Key to Understanding Meiosis." National Conference on Undergraduate Research, 30th Annual Meeting. Council on Undergraduate Research. Asheville, NC. 7 Apr. 2016. Conference Presentation. *

Invited Keynote/Presentation: Newman, Dina L., et al. "Interactive Video Vignettes: A Tool for Teaching and Insight into Student Thinking." *Envisioning the Future of STEM Undergraduate Education*. National Science Foundation. Washington, DC. 27 Apr. 2016. Conference Presentation. *

Journal Paper: Wright, L. Kate, et al. "Web-based Interactive Video Vignettes Create a Personalized Active Learning Classroom for Introducing Big Ideas in Introductory Biology." *Bioscience* 42. 2 (2016): 32-43. Print. *

Michael Osier, Associate Professor

Journal Paper: MV, Osier. "VitisPathways: Gene Pathway Analysis for *V. Vinifera*." *Vitis* 55. (2016): 129-133. Print. *

Susan Smith, Assistant Professor

Journal Paper: Smith, Susan B., et al. "Chemical and Biological Research with Deaf and Hard-of-hearing Students: Ensuring a Safe and Successful Laboratory Environment." *Journal of Chemical Health and Safety* 23. (2016): 24-31. Print. «

Journal Paper: Pagano, Todd, et al. "Exploring Nutmeg's Intriguing Place in History using Narrative and Project-based Approaches in the Science Laboratory." *Journal of Laboratory Chemical Education* 4. 1 (2016): 9-18. Web. «

Journal Paper: Pagano, Todd, et al. "Determination of Nicotine Content and Delivery in Disposable Electronic Cigarettes Available in the USA by Gas Chromatography-mass Spectrometry." *Nicotine and Tobacco Research* 18. 5 (2016): 700-707. Print. «

Journal Editor: Pagano, Susan Smith, ed. Condor: Ornithological Applications. Chicago, IL: American Ornithological Society, 2016. Print. *

Journal Editor: Smith, Susan B., ed. Northeastern Naturalist. Steuben, ME: Eagle Hill Institute, 2016. Print. «

Invited Keynote/Presentation: Smith, Susan B., et al. "Nutritional Variation and Antioxidant Properties of Wild Fruits Revealed through a Fluorescence-based Method." 251st American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 13 Mar. 2016. Conference Presentation.

Invited Keynote/Presentation: Smith, Susan B., et al. "Fit and Fat by Fruit: A Nutritional Study on Migratory Bird Frugivory." 16th Northeast Natural History Conference. Society of Northeastern Biologists. Springfield, MA. 23 Apr. 2016. Conference Presentation.

Invited Keynote/Presentation: McWilliams, Scott, et al. "What is Good Quality Habitat for Migrating Songbirds - A Nutritional and Physiological Perspective." North American Ornithological Conference. Ornithological Societies of America. Washington, D.C.. 18 Aug. 2016. Conference Presentation.

Hyla Sweet, Associate Professor

Invited Keynote/Presentation: Doolin, Megan, et al. "Development of the Muscular and Nervous Systems in a Brittle Star with Abbreviated Development." Society for Developmental Biology Northeast Regional Meeting. Marine Biological Laboratory. Woods Hole, MA. 15 Apr. 2016. Conference Presentation.

Invited Keynote/Presentation: Granata, Danielle, et al. "Unique Cleavage Patterns of Cidaroid Sea Urchins." Rochester Academy of Science 43rd Annual Fall Scientific Paper Session. Roberts Wesleyan College. Rochester, NY. 12 Nov. 2016. Conference Presentation.

Anna Tyler, Associate Professor

Journal Paper: Harrison, M.M., et al. "Phenolic Content of Invasive and Non-invasive Emergent Wetland Plant." Aquatic Botany 136. (2016): 146-154. Print. *

Invited Keynote/Presentation: Tyler, A.C., et al. "Partnerships for Wetland Conservation to Achieve Conservation, Education and Research Goals (Invited Presentation)." International Association of Great Lakes Research Annual Conference. International Association of Great Lakes Research. Guelph, Canada. 10 Jun. 2016. Conference Presentation. Δ

Leslie Kate Wright, Assistant Professor

Journal Paper: Golshadi, Masoud, et al. "High Efficiency Gene Transfection of Cells through Carbon Nanotube Arrays." Small 12. 22 (2016): 3014-3020. Print. *

Journal Paper: Newman, Dina L., et al. "Development of the Central Dogma Concept Inventory (CDC) Assessment Tool." CBE Life Sciences Education 15. (2016): 1-14. Print. *

Journal Paper: Wright, L. Kate, et al. "Web-based Interactive Video Vignettes Create a Personalized Active Learning Classroom for Introducing Big Ideas in Introductory Biology." Bioscience 42. 2 (2016): 32-43. Web. *

ACCOUNTING

Qian Song, Assistant Professor

Journal Paper: Chan, Siew, et al. "Using an Educational Computer Program to Enhance Student Performance in Financial Accounting." *Journal of Accounting Education*. (2016): 1-10. Print. £

Journal Paper: Song, Qian, Siew Chan, and Arnold Wright. "The Efficacy of a Decision Support System in Enhancing Risk Assessment Performance." *Decision Sciences Journal*. (2016): 1-10. Print. £

Ke-an Wu

Published Conference Proceedings: Yang, Rong, et al. "Corporate Risk Disclosure and Audit Fee: A Text Mining Approach." *Proceedings of the 2016 AAA Annual Meeting*. Ed. Kean Wu. New York, New York: American Accounting Association, 2016. Print. £

Published Conference Proceedings: Yang, Rong, et al. "The Impact of Corporate Risk Disclosures on Audit Pricing Decisions: A Text Mining Approach." *Proceedings of the CSWIM 2016*. Ed. Kean Wu. Dalian, China: n.p., 2016. Print. £

Rong Yang, Associate Professor

Journal Paper: Yang, Rong, Baolei Qi, and Gaoliang Tian. "Do Social Ties between Individual Auditors and Client Executives Matter to Audit Quality?" *Asia Pacific Journal of Accounting and Economics*. (2016): 1-10. Web. £

Published Conference Proceedings: Yang, Rong, et al. "The Impact of Corporate Risk Disclosures on Audit Pricing Decisions: A Text Mining Approach." *Proceedings of the CSWIM 2016*. Ed. Rong Yang. Dalian, China: n.p., 2016. Print. £

Published Conference Proceedings: Yang, Rong, et al. "Corporate Risk Disclosure and Audit Fee: A Text Mining Approach." *Proceedings of the 2016 AAA Annual Meeting*. Ed. Rong Yang. New York, New York: American Accounting Association, 2016. Print. £

DECISION SCIENCES

Sarah Geiss

Journal Paper: Holmes, Donald S. and A. Erhan Mergen. "An Alternative Test for Randomness of Error Terms in a Regression Model." *Quality Digest*. (2016): 1-10. Web. £

Published Conference Proceedings: Holmes, Donald S. and A. Erhan Mergen. "Are Your Process Variables Six Sigma Capable?" *Proceedings of the The 2016 North East Decision Sciences Meeting Proceedings*. Ed. A. Erhan Mergen. Alexandria, Virginia: n.p., Web. £

A Erhan Mergen, Professor

Published Conference Proceedings: Mergen, A. Erhan and Donald S. Holmes. "Are Your Process Variables Six Sigma Capable?" *Proceedings of the The 2016 Northeast Decision Sciences Institute Meeting*. Ed. Pedro M. Reyes, Ph.D. Program Chair. Alexandria, VA: on-line, 2016. Web. *

Journal Paper: Mergen, A. Erhan and Donald S. Holmes. "An Alternative Test for Randomness of Error Terms in a Regression Model." *Quality Digest*. May 5 (2016) Web. £

ECONOMICS

Steven C Gold, Professor

Journal Paper: Gold, Steven and Joe Wolfe. "Game-based Predictors of Business School Retention and Persistence." *Academy of Business Journal II*. (2016): 18. Print. £

FINANCE

Chun-keung Hoi, Professor

Journal Paper: Hoi, Chun-Keung (Stan), Qiang Wu, and Hao Zhang. "Community Social Capital and Corporate Social Responsibility." *Journal of Business Ethics*. (2016): 1-10. Print. £

Journal Paper: Hassan, Iftekhhar, et al. "Does Social Capital Matter in Corporate Decisions? Evidence from Corporate Tax Avoidance." *Journal of Accounting Research*. (2016): 1-10. Print. £

Archana Jain, Assistant Professor

Journal Paper: Jain, Archana, Pankaj J. Jain, and Zabihollah H. Rezaee. "Value-relevance of Corporate Social Responsibility: Evidence from Short Selling." *Journal of Management Accounting Research* 28. (2016): 29-52. Web. £

Ashok J Robin, Professor

Journal Paper: Adut, Davit, Anthony Holder, and Ashok Robin. "Restructuring Charges and Takeover Likelihood: Evidence from the Pre- and Post-SFAS 146 Eras." *Journal of Accounting and Public Policy* 35. 2 (2016): 192-207. Web. £

Hao Zhang, Assistant Professor

Journal Paper: Robin, Ashok, Qiang Wu, and Hao Zhang. "Auditor Quality and Debt Covenants." *Contemporary Accounting Research*. (2016): 1-10. Print. £

Journal Paper: Hassan, Iftekhhar, et al. "Social Capital and Debt Contracting: Evidence from Bank Loans and Public Bonds." *Journal of Financial and Quantitative Analysis*. (2016): 1-100. Print. £

INTERNATIONAL BUSINESS

Zhi Tang, Associate Professor

Journal Paper: Tang, Jintong, Zhi Tang, and B.J. Cowden. "Exploring the Relationship between Entrepreneurial Orientation, CEO Dual Values, and SME Performance in State-owned vs. Non-state-owned Enterprises in China." *Entrepreneurship Theory and Practice*. (2016): 1-10. Web. £

Journal Paper: Tang, Zhi and Jintong Tang. "The Impact of Competitors-firm Power Divergence on Chinese SMEs' Environmental and Financial Performance." *Journal of Business Ethics*. (2016): 148-165. Web. £

MANAGEMENT

Richard DeMartino, Associate Professor

Book Chapter: Kelly, Ronald R., et al. "21st Century Deaf Workers: Going Beyond Just Employed to Career Growth and Entrepreneurship." *Diversity in deaf education*. Ed. M. Marshark, V. Lampropoulou, and E. K. Skordilis. New York, New York: Oxford Scholarship Online, 2016. 473-505. Web. £

Sarah Geiss

Journal Paper: Eubanks, D., et al. "Team Dynamics in Virtual, Partially Distributed Teams: Optimal Role Fulfillment." *Computers in Human Behavior*. (2016): 1-10. Print. £

Journal Paper: Eubanks, Dawn, et al. "Team Dynamics in Virtual, Partially Distributed Teams: Optimal Role Fulfillment." *Computers in Human Behavior*. (2016): 556-568. Web. £

FEATURED FACULTY

RONG YANG IS AN ASSOCIATE PROFESSOR OF ACCOUNTING AT THE SAUNDERS COLLEGE OF BUSINESS.

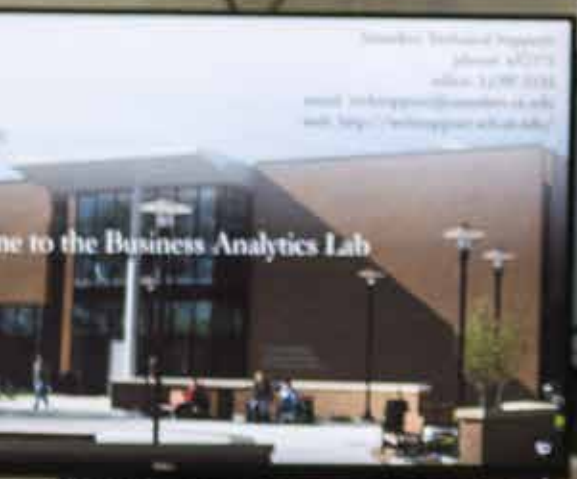
She is an empirical researcher with publications in accounting, finance, and other business journals. She received her PHD in accounting and MBA in management from Rutgers State University of New Jersey. Before she joined the faculty of RIT in the Fall of 2012, she was a tenured associate professor at State University of New York at Brockport. She is published in a variety of academic journals such as Contemporary Accounting Research, Journal of Marketing, Journal of Accounting and Public Policy, Auditing: A Journal of Practice and Theory, Journal of Business Ethics, Review of quantitative finance and accounting, etc.

Dr. Yang's primary research interests include the use of financial reporting information in capital markets, corporate governance, internal control quality, corporate social responsibility (CSR), analyst forecast performance, and corporate restructuring events. One of her articles (with Dr. Yaw Mensah, Rutgers University) was awarded the 2006 MBAA International McGraw-Hill/Irwin Distinguished Paper Award by the North American Accounting Society. In addition, another publication (with Dr. Beixin Lin, Montclair State University) was awarded the 2013 Bright Idea Award sponsored by the Stillman School of Business at Seton Hall University and the NJPRO Foundation, the public policy research affiliate of the New Jersey Business and Industry Association (NJBIA).

In collaboration with colleagues at RIT and other universities, some of Dr. Yang's recent studies focus on earnings management, which means that corporations may make aggressive accounting treatments to manipulate financial reports. Dr. Rong Yang, along with co-authors, published articles in Contemporary Accounting Research (CAR), Auditing: A Journal of Practice and Theory (AJPT), and Journal of Business Ethics (JBE) about corporate earnings management strategies. In addition, she is currently working on several research projects related to audit pricing decisions and CSR disclosures.

Rong Yang

Associate Professor
College of Business



Journal Paper: Hammond, Michelle, Michael Palanski, and Rachel Clapp-Smith. "Beyond (just) the Workplace: A Theory of Leadership Development Across Multiple Domains." *Academy of Management Review*. (2016): 1-100. Web. £

Journal Paper: Palanski, Michael, et al. "An Enrichment/Impairment Perspective on Leading in Multiple Domains: The Impact on Leader/Follower Well-being and Stress." *Research in Organizational Stress and Well Being*. (2016): 1-10. Web. £

Clyde Hull, Associate Professor

Journal Paper: Liu, Manlu, Clyde Hull, and Caisy Hung. "Starting Open Source Collaborative Innovation: The Antecedents of Network Formation in Community Source." *Information Systems Journal*. (2016): 1-28. Web. £

dt ogilvie, Professor

Journal Paper: Kirkman, Dorothy M., Shalei V.K. Simms, and dt ogilvie. "An Examination of Cluster and Non-Cluster Firms' Knowledge-Based Activities." *International Journal of Information Management* 20. 8 (2016): 1-17. Web. £

Journal Paper: Kirkman, Dorothy M., Shalei V.K. Simms, and dt ogilvie. "An Examination of Cluster and Non-Cluster Firms' Knowledge-Based Activities." *International Journal of Innovation Management* 20. 8 (2016): 17. Print. «

Invited Keynote/Presentation: ogilvie, dt. "The History and Relationship of Minority Scholars with AOM." Opening up History: Analysing the Past and Its Traces through Cross-Divisional Collaborations. Annual Meeting of the Academy of Management meeting. Anaheim, CA. 5 Aug. 2016. Conference Presentation. «

Invited Keynote/Presentation: ogilvie, dt, Dorothy M. Kirkman, and Shalei V. K. Simms. "Examining Cluster & Remote Firms Knowledge Differences." International Society of Innovation Professionals Conference. International Society of Innovation Professionals. Boston, MA. 14 Mar. 2016. Conference Presentation. «

Sandra Rothenberg, Professor

Invited Keynote/Presentation: Rothenberg, Sandra. "Product Service Systems." MITC Konferens Från Supply Till Circular Chain. Malardalen Industrial Technology Center. Eskiltuna, Sweden. 14 Jun. 2016. Keynote Speech. Δ

MANAGEMENT INFORMATION SYSTEMS

Manlu Liu, Assistant Professor

Journal Paper: Liu, Manlu, Clyde Hull, and Caisy Hung. "Starting Open Source Collaborative Innovation: The Antecedents of Network Formation in Community Source." *Information Systems Journal*. (2016): 1-28. Web. £

Journal Paper: Yang, Rong, et al. "Corporate Risk Disclosure and Audit Fee: A Text Mining Approach." *European Accounting Review*. (2016): 1-10. Web. £

Published Conference Proceedings: Yang, Rong, et al. "Corporate Risk Disclosure and Audit Fee: A Text Mining Approach." Proceedings of the AAA Mid-Atlantic Region Meeting. Ed. Manlu Liu. Morgantown, West Virginia: American Accounting Association, 2016. Print. £

Published Conference Proceedings: Yang, Rong, et al. "The Impact of Corporate Risk Disclosures on Audit Pricing Decisions: A Text Mining Approach." Proceedings of the CSWIM 2016. Ed. Manlu Liu. Dalian, China: n.p., Print. £

Published Conference Proceedings: Yang, Rong, et al. "Corporate Risk Disclosure and Audit Fee: A Text Mining Approach." Proceedings of the 2016 AAA Annual Meeting. Ed. Manlu Liu. New York, New York: American Accounting Association, Print. £

Rick Mislan

Invited Article/Publication: R, Mislan, D Kumor, and A Hew. "Apple Has Already Won. Now It Should Crack the San Bernardino iPhone." IEEE View from the Valley. (2016). Web. Δ

Bryan A Reinicke

Journal Paper: Grover, Mark, Bryan Reinicke, and Jeffrey Cummings. "How Secure is Education in Information Technology? A method for Evaluating Security Education in IT." Information Systems Education Journal 14. 3 (2016): 29-44. Print. £

Published Conference Proceedings: Reinicke, Bryan and Amy Connolly. "How to Teach Emotional Intelligence Skills in IT Project Management." Proceedings of the EDSIGCON 2016. Ed. Bryan Reinicke. Las Vegas, NV: n.p., Print. £

Yang Yu, Assistant Professor

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. (2016): 1-10. Web. £

Journal Paper: Zhang, Xianfeng, Yang Yu, and Zhangxi Lin. "Sentimental Interplay between Structured and Unstructured User-generated Contents : An Empirical Study on Online Hotel Reviews." Online Information Review. (2016): 119-145. Print. £

Published Conference Proceedings: Yang, Rong, et al. "The Impact of Corporate Risk Disclosures on Audit Pricing Decisions: A Text Mining Approach." Proceedings of the CSWIM 2016. Ed. Yang Yu. Dalian, China: n.p., Print. £

Published Conference Proceedings: Yang, Rong, et al. "Corporate Risk Disclosure and Audit Fee: A Text Mining Approach." Proceedings of the 2016 AAA Annual Meeting. Ed. Yang Yu. New York, New York: American Accounting Association, 2016. Print. £

Journal Paper: Duan, Wenjing, et al. "Exploring the Impact of Social Media on Hotel Service Performance A Sentimental Analysis Approach." Cornell Hospitality Quarterly 57. 3 (2016): 282-297. 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. (2016): 1-15. Web. «

Journal Paper: Yu, Yang, Ray Cao, and Dara Schniederjans. "Cloud Computing and its Impact on Service Level: A Multi-agent Simulation Model." International Journal of Production Research. (2016): 1-13. Web. «

Journal Paper: Yang, Rong, et al. "Corporate Risk Disclosure and Audit Fee: A New Text Mining Approach." EAR - European Accounting Review. (2016): 1-100. Web. «

Journal Paper: Safi, Roozmehr and Yang Yu. "Online Product Review as an Indicator of Users' Degree of Innovativeness and Product Adoption Time: A Longitudinal Analysis of Text Reviews." European Journal Information Systems. (2016): 1-10. Web. «

Journal Paper: Gan, Qiwei, et al. "A Text Mining and Multidimensional Sentiment Analysis of Online Restaurant Reviews." Journal of Quality Assurance in Hospitality & Tourism. (2016): 1. Web. «

MARKETING

Vincent M Landers, Assistant Professor

Journal Paper: Gabler, Colin B., V. Myles Landers, and Kristy E. Reynolds. "Purchase Decision Regret: Negative Consequences of the Steadily Decreasing Discount." *Journal of Business Research*. (2016): 1-10. Web. £

Rajendran S Murthy, Assistant Professor

Published Conference Proceedings: Murthy, Rajendran S, et al. "Second Screens: The Case of Distraction vs Enhanced Engagement." *Proceedings of the Society for Marketing Advances*. Ed. Jie G Fowler and Jeri Weiser. San Antonio, Texas: Society for Marketing Advances, 2016. Print. «

Published Conference Proceedings: Hodis, Monica A, Rajendran S Murthy, and Hemant Sashittal. "Communicating with Your Local Audience on Facebook: A Two-Step Local Engagement Model." *Proceedings of the Global Research Symposium on Marketing and Entrepreneurship*. Ed. Fabian Eggers and Gerald E Hills. San Diego, CA: Global Research Symposium on Marketing and Entrepreneurship, 2016. Web. «

Published Conference Proceedings: Hodis, Monica A, Rajendran S Murthy, and Hemant C Sashittal. "It's All About Me! A Two-Step Model to Consumer Brand Engagement on Facebook." *Proceedings of the American Marketing Association Summer Educators Conference*. Ed. Neil Morgan and Bernard Jaworski. Chicago, IL: American Marketing Association, 2016. Print. «

ARCHITECTURE

Nana-Yaw A Andoh

Invited Keynote/Presentation: Andoh, Nana-Yaw. "New Urbanism: A Model for Sustainable Urban Design and Social Equity." MU-RIT Exchange Program. Malmo University, Sweden. Malmo, SW. 9 Sep. 2016. Guest Lecture.

Shows/Exhibits/Installations: Andoh, Nana-Yaw. Sustainable Urban Mobility in Developing Countries. 12 Oct. 2016. Community Design Center of Rochester, Rochester. Exhibit.

Invited Keynote/Presentation: Andoh, Nana-Yaw. "Historic and Architectural Significance of the Renaissance in Florence and Rome." SUNY Delhi Study Abroad Program. SUNY Delhi. Florence, Rome, IT. 5 Jan. 2016. Guest Lecture.

Invited Article/Publication: Andoh, Nana-Yaw. "Sustainable Urban Mobility in Developing Countries: A Case Study in Accra, Ghana - Central Business District." United Nations Institute for Training and Research. (2016). Web. «

Dennis A Andrejko

Journal Editor: Andrejko, Dennis A., ed. MEGARON. Istanbul: Yildiz Technical University, 2016. Web. *

External Scholarly Fellowships/National Review Committee:
1/1/2016 -
12/30/2016
American Institute of Architects - New York State Honor Awards Jury
Amount: 0
*

External Scholarly Fellowships/National Review Committee:

1/1/2015 -
12/31/2017
International Code Council (ICC) - ECIC Code Interpretation Committee
Amount: 0
~

J Chiavaroli, Professor

Published Conference Proceedings: Potesta, Dr. Giovanna and Professor Jules Chiavaroli. "A New Life for American Cities: Urban Strategies and Community Engagement." Proceedings of the The Scholarship of Social Engagement Symposium. Ed. Professor Joe Calistra. Lawrence, Kansas: n.p., Print. £

Giovanna Potesta

Invited Keynote/Presentation: Potesta, Giovanna. "Looking for a New Downtown in American Cities:." Cross-Disciplinary Conference on Urban Space. Universita di Firenze. Florence, Italy. 27-28 Jun. 2016. Conference Presentation. *

Invited Keynote/Presentation: Potesta, Giovanna. "The Making of Sustainable Cities." Summit on Science and Technology - Enablement for the Sustainable Development Goals. New York Academy of Science. New York City, NY. 29 Nov. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Potesta, Giovanna and Jules Chiavaroli. "A New Life for American Cities. Urban Strategies and Community Engagement." Scholarship of Engagement Symposium. University of Kansas. Lawrence, KA. 20-21 Oct. 2016. Conference Presentation. *

Invited Keynote/Presentation: Potesta, Giovanna. "The Making of a New Neighborhood in Florence, Italy." Congress for the New Urbanism - New York Chapter. Community Design Center Rochester - AIA Rochester. Rochester, NY. 21-22 Apr. 2016. Lecture. Δ

MS IN SUSTAINABLE SYSTEMS

Eric Williams, Associate Professor

Journal Paper: Bawden, Kimberly, Eric Williams, and Callie Babbitt. "Mapping product knowledge to life cycle inventory bounds: a case study of steel manufacturing." *Journal of Cleaner Production* 113. (2016): 557-564. Print. *

PHD IN SUSTAINABILITY

Callie Babbitt, Assistant Professor

Journal Paper: M.L., Bustamante,, et al. "Life cycle assessment of jointly produced solar energy materials: Challenges and best practices." *Solar Energy Materials and Solar Cells* 156. (2016): 11-26. Print. *

Journal Paper: X., Wang,, Gaustad, G., and Babbitt, C.W. "Targeting high value metals in lithium-ion battery recycling via shredding and size separation." *Waste Management* 51. (2016): 204-213. Print. *

Journal Paper: X., Wang,, Gaustad, G., and Babbitt, C.W. "Targeting high value metals in lithium-ion battery recycling via shredding and size separation." *Waste Management* 51. (2016): 204-213. Print. *

Journal Paper: M., Komeijani,, Ryen, E.G., and Babbitt, C.W. "Bridging the Gap between Eco-Design and the Human Thinking System." *Challenges* 7. 1 (2016): 1-16. Web. *

External Scholarly Fellowships/National Review Committee:

9/1/2016 -
8/31/2020
National Science Foundation
Amount: \$991,925

≠

External Scholarly Fellowships/National Review Committee:

1/1/2017 -
1/31/2018
Consumer Technology Association
Amount: \$90,000

≠

External Scholarly Fellowships/National Review Committee:

8/1/2016 -
5/31/2017
Staples Sustainable Innovation Lab
Amount: \$36,148

≠

Journal Paper: K.R., Bawden,, Williams, E.D., and Babbitt, C.W. "Mapping product knowledge to life cycle inventory bounds: a case study of steel manufacturing." *Journal of Cleaner Production* 113. (2016): 557-564. Print. *

Invited Keynote/Presentation: Babbitt, Callie. "The Food Waste Dilemma." 2016 Disruptive Innovation Festival. Ellen MacArthur Foundation. Rochester, NY. 9 Nov. 2016. Address.

Invited Keynote/Presentation: Babbitt, Callie. "Life cycle assessment of engineered nanomaterials." International Conference on the Environmental Effects of Nanoparticles and Nanomaterials. Colorado School of Mines. Golden, CO. 16 Aug. 2016. Keynote Speech.

Invited Keynote/Presentation: Babbitt, Callie. "Ecological Models for Analyzing Consumer Electronics." Department Symposium. Syracuse University. Syracuse, NY. 26 Apr. 2016. Lecture.

FEATURED FACULTY

ERIC WILLIAMS IS AN ASSOCIATE PROFESSOR IN THE GOLISANO INSTITUTE OF SUSTAINABILITY.

Eric Williams holds B.A. and PhD degrees in Physics. He has taught at Carnegie Mellon University and Arizona State University. His research focuses on modeling to inform policies supporting renewable and efficient energy technologies. His research is mainly supported by the National Science Foundation (NSF) and the Department of Energy (DOE).

One current NSF project, “Resolving the effects of heterogeneity and technological progress on carbon mitigation costs” is a collaboration with Eric Hittinger in CLA and Roger Chen in GIS. The research aims to understand how economic and carbon benefits of energy technology vary by household and location. The first paper in this area, published in 2016, examines patterns of television watching in the U.S. The analysis revealed enormous heterogeneity: 14% of the population watches 7.7 hours of television a day in contrast with a 50% group that watches 1.1 hours. An efficient television for the heavy watching group delivers more than seven times the energy savings. The research was covered in over 80 newspapers, including the Washington Post.

A second NSF project, “Understanding the Evolution of the U.S. Electricity Grid Taking into Account Uncertainty for Improved Management of Costs and Environmental Impacts”, is a collaboration with Eric Hittinger in CLA. The first work from this project, currently under review, examines the prospects for wind power to become cheaper. Results are that if the cost of wind power continues to decline according to historical trends, it will become broadly cost competitive with natural gas and coal electricity within the next two decades.

A third stream of research, supported by DOE, examines how to more efficiently deliver thermal comfort in commercial buildings. The 2016 article “Co-alignment of comfort and energy saving objectives for U.S. office buildings and restaurants” shows that a significant amount of energy is wasted undercooling or overheating office and restaurant spaces in the U.S. More intelligent management of heating and cooling systems has the potential to save money, reduce carbon and make people more comfortable. The work was covered in the media by United Press International and the trade magazine Utility Dive.

Eric Williams

Associate Professor
Golisano Institute of Sustainability



Journal Editor: Babbitt, Callie, ed. Clean Technologies and Environmental Policy. Associate Editor: Springer, 2016. Print.

Roger B Chen

Published Conference Proceedings: Desai, Ranjit, Roger Chen, and William Armington. "A Pattern Analysis of Daily Electric Vehicle Charging Profiles: Operational Efficiency and Environmental Impacts." Proceedings of the Annual Meeting of the Transportation Research Board. Ed. National Academies of Science. Washington, DC: n.p., Print. ~

Published Conference Proceedings: Xu, Zhiheng, Jee Eun Kang, and Roger Chen. "A Random Utility-Based Estimation Framework for the Household Activity Pattern Problem." Proceedings of the Annual Meeting of the Transportation Research Board. Ed. National Academies of Science. Washington, DC: n.p., Web. ~

Published Conference Proceedings: Chen, Roger, Glenn Gavi, and Katie McConkey. "A Comparison of Motivational and Informational Contexts for Improving Eco-Driving Performance." Proceedings of the Annual Meeting of the Transportation Research Board. Ed. National Academies of Science. Washington, DC: n.p., Web. ~

Published Conference Proceedings: Chen, Roger. "Models of Count with Endogenous Choices." Proceedings of the International Symposium on Transportation and Traffic Theory. Ed. Marco Nie, Karen Smilowitz and Hani Mahmassani. Evanston, IL: Elsevier, Print. ~

Gabrielle Gaustad, Assistant Professor

Journal Paper: Goe, Michele and Gabrielle Gaustad. "Estimating Direct Climate Impacts of End of Life Solar Photovoltaic Recovery." Solar Energy Materials and Solar Cells 156. (2016): 27-36. Print. *

Journal Paper: Bustamante, Michele, et al. "Life Cycle Assessment of Jointly Produced Solar Energy Materials: Challenges & Best Practices." Solar Energy Materials and Solar Cells 156. (2016): 11-26. Print. *

Journal Paper: Hebda, Cam, et al. "Modeling economically optimal household organic material management pathways." Resources, Conservation, and Recycling 108. (2016): 88-96. Print. *

Published Conference Proceedings: Goe, Michele and Gabrielle Gaustad. "Estimating direct human health impacts of end of life solar recovery and recycling." Proceedings of the Photovoltaic Specialist Conference. Ed. NA. Portland, Oregon: n.p., Print. *

Published Conference Proceedings: Bustamante, Michele and Gabrielle Gaustad. "Materials Research to Enable Clean Energy: Leverage Points for Risk Reduction in Critical Byproduct Material Supply chains." Proceedings of the The Minerals, Metals, and Materials Conference. Ed. NA. Nashville, TN: n.p., Print. *

Published Conference Proceedings: Gaustad, Gabrielle. "Sustainability: Opportunities for teaching old concepts via new problems." Proceedings of the The Minerals, Metals, and Materials Conference. Ed. NA. Nashville, TN: n.p., Print. *

Published Conference Proceedings: Xhaxholari, Vasken, Michele Bustamante, and Gabrielle Gaustad. "Mitigating supply risk of critical and strategic materials: the role of trade policies." Proceedings of the The Minerals, Metals, and Materials Conference. Ed. NA. Nashville, TN: n.p., 2016. Web. *

Invited Keynote/Presentation: Gaustad, Gabrielle. "Scarcity and Criticality of PV Relevant Materials: Mitigation Strategies." Distinguished Lecture Series. I/U CRC Center for Next Generation Photovoltaics. Austin, TX. 15 Nov. 2016. Keynote Speech. ≠

Thomas Trabold, Associate Professor

Journal Paper: Ebner, Jacqueline H., et al. "Anaerobic co-digestion of commercial food waste and dairy manure: characterizing biochemical parameters and synergistic effects." *Waste Management* 52. (2016): 286-294. Print. *

Journal Paper: Hebda, Cam, et al. "Determining economically optimal household organic material." *Resources, Conservation and Recycling* 108. (2016): 88-96. Print. *

Journal Paper: Waller, Michael G., Mark R. Walluk, and Thomas A. Trabold. "Performance of high temperature PEM fuel cell materials. Part 1: Effects of temperature, pressure and anode dilution." *International Journal of Hydrogen Energy* 41. (2016): 2944-2954. Print. *

Provisional Patent: Waller, Michael, et al. "Apparatus, System and Method for Compact Mobile Fuel Cell System." U.S. Provisional Patent Application 15/191,781. 24 Jun. 2016.

Invited Keynote/Presentation: Trabold, Thomas A. "Sustainability workshop overview for NSF-PIRE: Materials for Renewable Energy Nature's Way (RENEW)." NSF/PIRE Project Annual Meeting. Case Western Reserve University. Cleveland, OH. 5 Aug. 2016. Guest Lecture.

Journal Editor: Trabold, Thomas A., ed. *Sustainability: Section Board for "Sustainable Agriculture, Food and Wildlife"*. Basel, Switzerland: MDPI AG, 2016. Web.

Invited Keynote/Presentation: Trabold, Thomas A. "Challenges & Opportunities in Sustainable Food Production." NSF FEWS Nexus Workshop: Transformative food technologies to enhance sustainability at the food-energy-water nexus. University of Nebraska. Lincoln, NE. 17 Feb. 2016. Guest Lecture.

Published Conference Proceedings: Freire, Felipe, et al. "Performance Analysis of a "Green" Building Photovoltaic System." *Proceedings of the 43rd IEEE Photovoltaic Specialists Conference*. Ed. IEEE. Portland, OR: IEEE, Print. *

Published Conference Proceedings: Waller, Michael G., Mark R. Walluk, and Thomas A. Trabold. "Design of an integrated propane fuel reformer and fuel cell system for unmanned aerial system (UAS) applications." *Proceedings of the the 2016 IEEE Geoscience and Remote Sensing Society (GRSS) STRATUS Workshop: Systems and Technologies for Remote Sensing Applications through Unmanned Aerial Systems*. Ed. IEEE. Rochester, NY: IEEE, Print. *

Invited Keynote/Presentation: Trabold, Thomas A. "What's up with sustainable cars?" *meRIT Alumni Webinar Series*. RIT. Rochester, NY. 12 Oct. 2016. Guest Lecture.

Eric Williams, Associate Professor

Journal Paper: Sekar, Ashok, Eric Williams, and Roger Chen. "Heterogeneity in time and energy use of watching television." *Energy Policy* 93. (2016): 50-58. Print. *

Invited Keynote/Presentation: Williams, Eric. "Assessing Challenges and Policy Perspectives for International Electronic Waste." *The 11th International Conference on Waste Management and Technology*. Basel Convention Regional Centre for Asia and the Pacific. Beijing, China. 22 Oct. 2016. Keynote Speech. ~

Invited Article/Publication: Williams, Eric. "Overcooling and overheating buildings emits as much carbon as four million cars." *TheConversation*. (2016). Web. ^

Invited Article/Publication: Williams, Eric. "TV-watching couch potatoes have outsized energy footprint." *TheConversation*. (2016). Web. ^

Invited Keynote/Presentation: Williams, Eric. "Technology Diffusion – Purchase and Usage Patterns." School of Environment and Society Seminar Series. Tokyo Institute of Technology. Tokyo, Japan. 4 Jul. 2016. Lecture. ≠

Invited Keynote/Presentation: Williams, Eric. "Sustainable Consumption – Understanding heterogeneity and lifestyle changes using time-use data." IGES Seminar Series. Institute for Global Environmental Strategies. Hayama, Japan. 5 Jul. 2016. Lecture. ≠

Journal Editor: Williams, Eric, ed. Journal of Industrial Ecology. New Haven, CT: Wiley, 1997. Print.

Invited Keynote/Presentation: Williams, Eric. "Resolving variability in learning rates for wind power." International Symposium on Sustainable Systems and Technology. Arizona State University. Phoenix, AZ. 18 Apr. 2016. Conference Presentation. *

External Scholarly Fellowships/National Review Committee:

3/1/2016 -
4/4/2017

Ellen Macarthur Foundation
Amount: \$3000

*

Journal Paper: Gutierrez-Aliaga, Lourdes and Eric Williams. "Co-alignment of comfort and energy saving objectives for U.S. office buildings and restaurants." Sustainable Cities and Society 27. (2016): 32–41. Print. *

Invited Keynote/Presentation: Williams, Eric. "Characterizing and Managing Energy Consumption Using Time-use." Praxair Seminar Series. University of Buffalo. Buffalo, NY. 22 Sep. 2016. Lecture. ~

Invited Keynote/Presentation: Williams, Eric. "Can new energy technologies beat cheap oil?" Energy Policy Research Conference. Energy Policy Institute. Santa Fe, NM. 2 Sep. 2016. Lecture. *

External Scholarly Fellowships/National Review Committee:

3/1/2016 -
8/31/2017

U.S. Department of Energy
Amount: \$149,793

*

Invited Keynote/Presentation: Sekar, Ashok, Eric Williams, and Roger Chen. "Personalizing utility efficiency programs: case study of televisions." Advanced Energy Conference. Advanced Energy Research and Technology Center. New York, NY. 21 Apr. 2016. Conference Presentation. *

Invited Keynote/Presentation: Goteti, Srujana, Eric Hittinger, and Eric Williams. "CARBON IMPLICATIONS OF ENERGY STORAGE WITH INCREMENTAL PENETRATION OF WIND ENERGY INTO GRID MIX." USAEE North American Conference. United States Association for Energy Economics. Tulsa, OK. 24 Oct. 2106. Conference Presentation. *

External Scholarly Fellowships/National Review Committee:

7/1/2016 -
6/30/2019

National Science Foundation
Amount: \$297,789.00

*

RESEARCH CENTERS

Nabil Nasr, Professor

Full Patent: Nasr, Nabil and Mark Walluk. "Three Dimensional Non-Shadowing Sterilizer." U.S. Patent 62/360,697. 11 Jul. 2016.

Book Chapter: Nasr, Nabil. "Remanufacturing and the Circular Economy." A New Dynamic 2 Effective Systems In A Circular Economy. Ed. Ken Webster, et al. London, N/A: Ellen MacArthur Foundation Publishing, 2016. 107-127. Print.

Book Chapter: Nasr, Nabil and Mitsutaka Matsumoto. "Remanufacturing as an Enabler for Green Service Models." Services and the Green Economy. Ed. Andrew Jones, et al. London, N/A: Palgrave Macmillan, 2016. 75-98. Print.

Journal Paper: Nasr, Nabil, et al. "A Holistic Decision Support Tool for Remanufacturing: End-of-life (EOL) Strategy Planning." Advances in Manufacturing 4. 3 (2016): 189-201. Print. *

Invited Article/Publication: Nasr, Nabil. "UN Sets Sights on Sustainable Industry and Energy." ISE Magazine. (2016). Print. ^

Invited Article/Publication: Nasr, Nabil. "Taking IoT on the Road." ISE Magazine. (2016). Print. ^

Invited Article/Publication: Nasr, Nabil. "Resource Efficiency and the Circular Economy." ISE Magazine. (2016). Print. Δ

Invited Article/Publication: Nasr, Nabil. "NNMI and the Changing Research Landscape." ISE Magazine. (2016). Print. ^

Invited Article/Publication: Nasr, Nabil, et al. "Resource Efficiency: Potential and Economic Implications." Resource Efficiency: Potential and Economic Implications. (2016). Print. ^

National/International Competition Award Winner: Nasr, Nabil. APRA Asia-Pacific. The Most Influential Expert on Remanufacturing Award. Wuhan, China, N/A, 2016.

Invited Keynote/Presentation: Nasr, Nabil. "Sustainable Production and the Circular Economy." Sustainability @ Wayne State Seminar Series. Wayne State University. Detroit, MI. 8 Mar. 2016. Guest Lecture.

Invited Keynote/Presentation: Nasr, Nabil. "Sustainable Materials Management (SMM) - Why SMM and Why Now?" APEC Dialogue on Sustainable Materials Management (SMM). Asia-Pacific Economic Cooperation. Lima, Peru, N/A. 17 Aug. 2016. Keynote Speech.

Journal Paper: Nasr, Nabil, Richard Kashmian, and Cory Kreiss. "Making the Business Case for Sustainability: How to Account for Intangible Benefits - A Case Study Approach." Environmental Quality Management 26. 1 (2016): 5-24. Print. Δ

Invited Keynote/Presentation: Nasr, Nabil. "Transforming the Future: The Next Generation of Remanufacturing." GIS-MERA Remanufacturing and Sustainability Conference. MERA. Troy, MI. 28 Sep. 2016. Keynote Speech.

Invited Keynote/Presentation: Nasr, Nabil. "Sustainable Production and the Circular Economy." 5th Congress on Resource Efficiency and Circular Economy Baden-Wurtemberg. Baden-Wurtemberg Ministry of Environment, Climate and Energy. Karlsruhe, Germany, N/A. 6 Oct. 2016. Keynote Speech.

Invited Keynote/Presentation: Nasr, Nabil. "Global Advanced Remanufacturing Technologies: Application and Innovation." Asia Pacific Remanufacturing Cooperation Summit. APRA Asia-Pacific. Wuhan, China, N/A. 18 Oct. 2016. Keynote Speech.

Invited Keynote/Presentation: Nasr, Nabil. "Sustainable Development and the Circular Economy." Conference on Sustainable Development and Collaborative Governance. New York State Governor's Office. Rochester, NY. 2 Nov. 2016. Conference Presentation.

Mark Walluk

Journal Paper: Waller, Michael G., Mark R. Walluk, and Thomas A. Trabold. "Performance of high temperature PEM fuel cell materials. Part 1: Effects of temperature, pressure and anode dilution." *International Journal of Hydrogen Energy* 41. (2016): 2944-2954. Web. «

BIOMEDICAL ENGINEERING

Iris Asllani

Journal Paper: Asllani, Iris, et al. "Measurement of Cortical Thickness Asymmetry in Carotid Occlusive Disease." *Neuroimage: Clinical*. (2016): 640-644. Print. *

Journal Paper: RS, Marshall, et al. "Dissociation Among Hemodynamic Measures in Asymptomatic High Grade Carotid Artery Stenosis." *Journal of Neurological Sciences* 367. (2016): 143-147. Print. *

Journal Paper: N, Doorenweerd, et al. "Decreased Cerebral Perfusion in Duchenne Muscular Dystrophy Patients." *Neuromuscular Disorders*. (2016): 29-37. Print. *

Steven Day, Associate Professor

Journal Paper: Tchantchaleishvili, Vakhtang, et al. "Clinical Implications of Physiologic Flow Adjustment in Continuous-Flow Left Ventricular Assist Devices." *ASAIO Journal* November. (2016): PDF Preread. Print. «

Journal Paper: Liberson, Alexander S., et al. "A physics based approach to the pulse wave velocity prediction in compliant arterial segments." *Journal of Biomechanics* 49. 14 (2016): 3460-3466. Print. «

Peer Reviewed/Juried Poster Presentation: Day, Steven W and Robert J Stevens. "Contemporary Issues In BIOENGINEERING": A NEW REQUIRED COURSE ADDRESSING SEVERAL CURRICULAR CONCERNS." *Proceedings of the ASME Summer Bioengineering, Biomechanics, Biotransport Conference*. Ed. n/a. Washington, D.C.: n.p.. *

Published Conference Proceedings: Hughes, Amy C., et al. "Experimental characterization, comparison and image quality assessment of two ultrasound contrast agents: Optison and Definity." *Proceedings of the Proceedings of SPIE Medical Imaging 2016: Ultrasonic Imaging and Tomography*. Ed. Neb Duric; Brecht Heyde. San Diego, California: n.p., Print. «

Peer Reviewed/Juried Poster Presentation: Raghunathan, Ramnath, Oyuna Myagmar, and Steven W Day. "Magnetically Levitated Shear Inducing Device for the Testing of Cell Fragility." *Proceedings of the ASME Summer Bioengineering, Biomechanics, Biotransport Conference*. Ed. n/a. Washington, D.C.: n.p.. *

Peer Reviewed/Juried Poster Presentation: Herbertson, Luke, A Paraloglou, and Steven W Day. "Mechanical Hemolysis Testing Across the Full Operating Range of a Centrifugal Blood Pump Model." *Proceedings of the ASAIO*. Ed. n/a. San Francisco, CA: n.p.. *

Peer Reviewed/Juried Poster Presentation: Phatak, Andy, Steven W Day, and Kathleen Lamkin-Kennard. "Relationship between force applied and velocity of contraction of air muscles." *Proceedings of the ASME Summer Bioengineering, Biomechanics, Biotransport Conference*. Ed. n/a. Washington, D.C.: n.p.. *

Thomas R Gaborski, Assistant Professor

Journal Paper: Winans, Joshua, et al. "Membrane Capacity and Fouling Mechanisms for Ultrathin Nanomembranes in Dead-end Filtration." *Journal of Membrane Science* 499. (2016): 282-289. Print. *

Invited Keynote/Presentation: Gaborski, Thomas, et al. "Transparent and Ultrathin Nanomembranes for Cellular Barrier and Co-culture Models." Annual Meeting. Biomedical Engineering Society. Minneapolis, MN. 7 Oct. 2016. Conference Presentation. *

Peer Reviewed/Juried Poster Presentation: Casillo, Stephanie, et al. "Cell-Substrate and Cell-Cell Interactions in Endothelial Barrier Models on Porous Glass Membranes." Proceedings of the Annual Meeting. Ed. NA. Minneapolis, MN: Biomedical Engineering Society. *

Invited Keynote/Presentation: Dehghani, Mehdi and Thomas Gaborski. "Feasibility of Isolating Exosomes From Biofluids Using Ultrathin Nanomembranes." International Conference on Nano Micro and Mini Channels. ASME. Washington, DC. 13 Jul. 2016. Conference Presentation. *

Blanca H Lapizco-Encinas, Associate Professor

Journal Paper: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. "Refinement of Current Monitoring Methodology for Electroosmotic Flow Assessment Under Low Ionic Strength Conditions." *Biomicrofluidics* 10. 3 (2016): 33104. Web. *

Journal Editor: Lapizco-Encinas, Blanca H., ed. *ELECTROPHORESIS*. Germany: Wiley, 2016. Print.

National/International Competition Award Winner: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. Federation of Analytical Chemistry and Spectroscopy Societies (FACSS). Tomas Hirschfeld Scholar Award. Minneapolis, MN, 2016. ≠

National/International Competition Award Winner: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. AES Electrophoresis Society. First place, AES/BioMicrofluidics Art in Science competition. NA, NA, 2016. ≠

National/International Competition Award Winner: Romero-Creel, Maria F. and Blanca H. Lapizco-Encinas. Federation of Analytical Chemistry and Spectroscopy Societies (FACSS). First Place, poster competition at the 2016 Scix Conference. Minneapolis, MN, 2016. ≠

Journal Paper: Saucedo-Espinosa, Mario A., et al. "Dielectrophoretic Manipulation of Particle Mixtures Employing Asymmetric Insulating Posts." *Electrophoresis* 37. 2 (2016): 282-290. Print. *

Journal Paper: Saucedo-Espinosa, Mario A., et al. "Polarization Behavior of Polystyrene Particles Under Direct Current and Low Frequency (1 kHz) Electric Fields in Dielectrophoretic Systems." *Electrophoresis* 37. 4 (2016): 635-644. Web. *

Peer Reviewed/Juried Poster Presentation: Perez-Gonzalez, Victor H., Roberto Gallo-Villanueva, and Blanca H. Lapizco-Encinas. "Assessment of Joule Heating Effects in Optimized Insulator Based Dielectrophoresis Devices." Proceedings of the AIChE Annual Meeting 2016. Ed. AIChE. San Francisco, CA: AIChE. ≠

National/International Competition Award Winner: Saucedo-Espinosa, Mario A., et al. Wiley. January Cover of the Journal *Electrophoresis*, issue # 2, volume 37. Germany, Germany, 2016. ≠

National/International Competition Award Winner: Saucedo-Espinosa, Mario A., et al. Wiley. February Cover of the Journal *Electrophoresis*, issue # 4, volume 37. Germany, Germany, 2016. ≠

Invited Keynote/Presentation: Lapizco-Encinas, Blanca H. "Particle Capture and Enrichment Employing Non-uniform Electric Fields and Insulating Structures." CECE- International Interdisciplinary Meeting on Bioanalysis. Institute of Analytical Chemistry of the Czech Academy of Sciences. Brno, Czech Republic, Czech Republic. 18 Oct. 2016. Keynote Speech. ≠

FEATURED FACULTY

THOMAS GABORSKI IS AN ASSISTANT PROFESSOR IN THE DEPARTMENT OF BIOMEDICAL ENGINEERING IN THE KATE GLEASON COLLEGE OF ENGINEERING.

He received his BS from Cornell University, and his PhD from the University of Rochester. His research is at the intersection of nanomaterials and life sciences. Nanomaterials hold significant promise for revolutionary improvements in manufacturing, transportation and healthcare.

Thomas Gaborski and his team are working with a specific type of nanomaterial – ultrathin porous membranes – to improve life science research and medical devices. His research group, the NanoBio Device Lab, is conducting work not just on the application of nanomaterials, but also their discovery and scale-up. Nanomanufacturing research is critical because many new material discoveries are not easily transferred to traditional industrial and manufacturing processes leaving these discoveries to lie fallow in researchers' laboratories.

The development of laboratory physiological barrier models such as the vascular wall, intestine or lung is a major area of interest for the NanoBio Device Lab. Gaborski was recently awarded a 5-year \$1.8M grant from the NIH to develop novel membranes to support these tissues in vitro for use in drug screening and stem cell differentiation. The porous ultrathin membranes that his team is developing allow the cells within these tissues to easily communicate and mature. These types of models will likely reduce animal testing, while at the same time provide more physiologically relevant results due to their use of human cell lines. Gaborski was named a Young Innovator in Cellular and Molecular Bioengineering by the Biomedical Engineering Society (BMES) in 2014 for his early work in this field.

Gaborski and his team are also collaborating on the development of blood purification technologies using nanomembranes. The nanoscale thinness and efficiency of these membranes are enabling the development of very small and potentially portable dialysis machines that could revolutionize treatment of kidney and liver disease. His team has been funded to develop nanomanufacturing approaches that can scale-up the technologies needed for these devices. Animal trials are currently underway with a collaborating laboratory at the University of Rochester.

Thomas Gaborski
Assistant Professor
Kate Gleason College of Engineering



Peer Reviewed/Juried Poster Presentation: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. "Separation of Complex Biological Mixtures Using Asymmetric Posts and Electric Fields." Proceedings of the Scix 2016. Ed. Scix. Minneapolis, MN: n.p.. ≠

Peer Reviewed/Juried Poster Presentation: Romero-Creel, Maria F., Alexandra LaLonde, and Blanca H. Lapizco-Encinas. "Assessment of Complex Biological Samples with Insulator-based Dielectrophoresis." Proceedings of the ITP 2016 -23rd International Symposium and Exhibit on Electro- and Liquid Phase-separations Techniques. Ed. ITP. Minneapolis, MN: n.p.. ≠

Peer Reviewed/Juried Poster Presentation: Arciniegas, Laura, et al. "Joule Heating Effects in Dielectrophoretic Devices of Optimized Posts Geometry." Proceedings of the ITP 2016 -23rd International Symposium and Exhibit on Electro- and Liquid Phase-separations Techniques. Ed. ITP. Minneapolis, MN: n.p.. ≠

Peer Reviewed/Juried Poster Presentation: M.A, Mario A. Saucedo-Espinosa, and Blanca H. Lapizco-Encinas. "Combination of Insulating and Conducting Posts to Create a Hybrid Dielectrophoretic Device." Proceedings of the ITP 2016 -23rd International Symposium and Exhibit on Electro- and Liquid Phase-separations Techniques. Ed. ITP. Minneapolis, MN: n.p.. ≠

Invited Keynote/Presentation: Lapizco-Encinas, Blanca H. "Enhancing Dielectrophoretic Particle Manipulation." ITP 2016 -23rd International Symposium and Exhibit on Electro- and Liquid Phase-separations Techniques. ITP. Minneapolis, MN. 20 Sep. 2016. Conference Presentation. ≠

Invited Keynote/Presentation: Lapizco-Encinas, Blanca H. "Exploring New Schemes in Insulator Based Dielectrophoresis." Dielectrophoresis 2016. MIT. Cambridge, MA. 13 Jul. 2016. Conference Presentation. ≠

Invited Keynote/Presentation: Lapizco-Encinas, Blanca H. "Novel Strategies for Particle Manipulation with Dielectrophoresis." RAMP Annual Symposium, Frontiers in Materials Science for the 21st Century, MEMS and Membranes. University of Rochester. Rochester, NY. 16 May 2016. Conference Presentation. ≠

Peer Reviewed/Juried Poster Presentation: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. "Dispositivos Dielectroforéticos con Aisladores: ¿Qué son y cómo pueden mejorarse?." Proceedings of the First International Forum of Mexican Talent -IMMX. Ed. IMMX. Guadalajara, Jalisco, Mexico: IMMX. ≠

Peer Reviewed/Juried Poster Presentation: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. "Robustez en la Separación de Micropartículas de Escasa Abundancia por medio de Dielectroforesis". Proceedings of the First International Forum of Mexican Talent-IMMX. Ed. IMMX. Guadalajara, Jalisco, Mexico: n.p.. ≠

Cristian A Linte, Assistant Professor

Journal Paper: CA, Linte, Cahill ND, and Dangi S. "Integrating Atlas and Graph Cut Methods for Left Ventricle Segmentation from Cardiac Cine MRI." Lect Notes Comput Sci 10124. (2016): 76-86. Print. «

Journal Paper: CA, Linte and Peters TM. "Image-guided Interventions and Computer-integrated Therapy: Quo Vadis?" Med Image Anal. 33. (2016): 56-63. Print. *

Journal Paper: CA, Linte, et al. "An Interactive 3D Virtual Anatomy Puzzle for Learning and Simulation: Initial Demonstration and Evaluation." Stud Health Technol Inform 220. (2016): 233-40. Print. *

Invited Paper: CA, Linte. "Virtual and Augmented Medical Imaging Environments: Applications to Simulation, Training, Surgical Planning and Interventional Guidance." Computational Vision and Medical Image Processing. (2016). Print. *

Published Conference Proceedings: CA, Linte, et al. "Automated Reconstruction of Standing Posture Panoramas from Multi-sector Long Limb X-ray Images." Proceedings of the Proc SPIE Medical Imaging: biomedical Applications in Molecular, Structural and Functional Imaging - San Diego CA Feb. 2016. Ed. B. Jimi and A. Krol. Bellingham, WA: SPIE, 2016. Print. *

Published Conference Proceedings: CA, Linte and Ben-Zikri YK. "A Robust, Automated Left Ventricle Region of Interest Localization Technique Using a Cardiac Cine MRI Atlas." Proceedings of the Proc SPIE Medical Imaging: Image-guided procedures, Robotic Interventions and Modeling - San Diego CA Feb 2016. Ed. ZR Yaniv and R Webster III. Bellingham, WA: SPIE, 2016. Print. *

Published Conference Proceedings: CA, Linte, et al. "A Comparison Study of atlas-based 3D Cardiac MRI Segmentation: Global Versus Global and Local Transformations." Proceedings of the Proc SPIE Medical Imaging: Image-guided procedures, Robotic Interventions and Modeling - San Diego CA Feb. 2016. Ed. ZR Yaniv and RJ Webster III. Bellingham, WA: SPIE, 2016. Print. *

Published Conference Proceedings: CA, Linte, et al. "Experimental Characterization, Comparison, and Image Quality Assessment of Two Ultrasound Contrast Agents: Optison and Definity." Proceedings of the Proc SPIE Medical Imaging: Ultrasound Imaging and Tomography - San Diego CA Feb 2016. Ed. N Duric and B Heude. Bellingham, WA: SPIE, 2016. Print. *

Book Chapter: CA, Linte, Peters TM, and Fenster A. "Image-guided Procedures: Tools, Techniques, and Clinical Applications." Advances in Medical Physics. Ed. Devon J. Godfrey, Jacob Van Dyk, Shiva K. Das, Bruce H. Curran, and Anthony B. Wolbarst. Chicago, IL: MPP Medical Physics Publishing, 2016. 97-113. Print. *

Invited Article/Publication: CA, Linte and Yaniv ZR. "Image-guided Interventions: We've Come a Long Way, But Are We There?" IEEE Pulse. (2016). Web. *

Invited Keynote/Presentation: CA, Linte. "From Medical Imaging to Minimally Invasive (Cardiac) Visualization for Diagnosis, Intervention Planning and Guidance: Technology and Applications." Computer-integrated Surgery. University of British Columbia. Vancouver, BC. 15 Nov. 2016. Guest Lecture. ~

Peer Reviewed/Juried Poster Presentation: G, Jalalahmadi. "An Inclusive Numerical Model to Study Geometrical and Biomechanical Properties of Abdominal Aortic Aneurysm." Proceedings of the IEEE Biomedical Health Informatics. 2016. Ed. Las Vegas NV 2016. Piscataway, NJ: IEEE. ~

Peer Reviewed/Juried Poster Presentation: CA, Linte, Man A, and Kormos M. "Development and Dissemination of Interactive Didactic Modules for Biomedical Engineering: Bridging Fluid Mechanics, Biomechanics and Systems Physiology." Proceedings of the 123rd Annual Conference and Exhibition of the American Society for Engineering Education (ASEE). Ed. New Orleans, LA, USA. June 26-29, 2016. New Orleans, LI: ASEE. £

CHEMICAL ENGINEERING

Anju R Gupta

Published Conference Proceedings: A, Jaikumar, A., Kandlikar, S. G., and Gupta,. "Dip Coating of Electrochemically Generated Graphene and Graphene Oxide to Enhance Pool Boiling Performance." Proceedings of the Proceedings of the ASME 2016 14th International Conference on Nanochannels, Microchannels, and Minichannels. Ed. Unknown. Washington, DC, USA, Washington, DC, USA: n.p., 2016. Print. £

Invited Keynote/Presentation: Gupta, Anju . "Interaction of Amphiphilic Fluorophores with Model Cell Membranes." Department seminar. SUNY Geneseo. Geneseo, NY. 30 Sep. 2016. Guest Lecture.

Invited Keynote/Presentation: Gupta, Anju . "Pool Boiling Enhancement through Graphene and Graphene Oxide Coatings." International Workshop on New Understanding in Nanoscale/ Microscale Phase Change Phenomena. Norwegian University of Science and Technology. Trondheim, Norway. 14 Jun. 2016. Lecture.

Invited Keynote/Presentation: Gupta, Anju . "Effects of Dip Coating Duration on Surface Morphology and Pool Boiling Enhancement." International Conference on Material Sciences: SCICON 16. Amrita Institute. Coimbatore, India. 19 Dec. 2016. Lecture.

Invited Keynote/Presentation: Gupta, Anju . "Characterization of Effects of Systematically Increased Graphene Dip Coating Durations on the Surface Morphology." AIChE. AIChE. San Francisco, CA. 14 Nov. 2016. Conference Presentation.

Invited Keynote/Presentation: A, • Pinion, Trent, Camacho, Lucy Mar, Gupta,. "Optimizing Polysulfone Mixed Matrix Membranes for High Permeate Flux in Membrane Distillation." AIChE. AIChE. San Francisco, CA. 14 Nov. 2016. Conference Presentation.

Brian Landi, Associate Professor

Journal Paper: K.R., Crompton, and Landi, B.J. "Opportunities for Near Zero Volt Storage of Lithium Ion Batteries." Energy & Environmental Science 9. (2016): 2219-2239. Print. *

Journal Paper: J.E., Rossi,, et al. "Enhanced Electrical Transport in Carbon Nanotube Thin Films through Defect Modulation." The Journal of Physical Chemistry C 120. 28 (2016): 15488-15495. Print. *

Journal Paper: I., Puchades,, et al. "Carbon Nanotube Thin-Film Antennas." ACS Applied Materials & Interfaces 8. 32 (2016): 20986-20992. Print. *

Journal Paper: N.D., Cox,, et al. "Free-Standing Silver/Carbon Nanotube Metal Matrix Composite Thin Films." Journal of Materials Science 51. 24 (2016): 10935-10942. Print. *

Reginald E Rogers, Assistant Professor

Invited Keynote/Presentation: Rogers, Reginald. "Carbon Nanomaterials: Next Generation Separation Material for Improved Water Use." Department of Chemical Engineering Graduate Seminar Series. Virginia Polytechnic University (Virginia Tech). Blacksburg, VA. 7 Oct. 2016. Lecture.

Steven Weinstein, Professor

Journal Paper: Barlow, N. S., et al. "On the Summation of Divergent, Truncated, and Underspecified Power Series via Asymptotic Approximants." Quarterly Journal of Mechanics and Applied Mathematics doi=10.1093/qjmam/hbw014. (2016): 1-28. Print. £

Journal Paper: King, K., et al. "Stability of Algebraically Unstable Dispersive Flows." Physical Review Fluids 1. 7 (2016): 073604-1 to -19. Print. £

Journal Paper: Schultz, A. J., et al. "Reformulation of Ensemble Averages via Coordinate Mapping." Journal of Chemical Theory and Computation 12. 4 (2016): 1491-1498. Print. £

Yasemin D Yilmazel

Journal Paper: LaBarge, Nicole, et al. "Impact of Acclimation Methods on Microbial Communities and Performance of Anaerobic Fluidized Bed Membrane Bioreactors." Environmental Science Water Research & Technology 2. 6 (2016): 1041-1048. Print. *

Invited Keynote/Presentation: Yilmazel, Yasemin Dilsad. "Electrical Current Generation in Microbial Electrolysis Cells at Hyperthermophilic Temperatures." 3rd Meeting of the North American branch of the International Society for Microbial Electrochemistry and Technology. Stanford University. Stanford, CA. 4 Oct. 2016. Conference Presentation.

Published Conference Proceedings: Yilmazel, Yasemin Dilsad, Sevda Alanya, and Metin Duran. "ENERGY FROM WASTE: A CASE FOR ANAEROBIC CO-DIGESTION." Proceedings of the ENTECH 16 IV. International Energy Technologies Conference. Ed. Zekeriya ALTAC. Istanbul, Turkey: Eastern Mediterranean Academic Research Center Publications, 2016. Print. £

COMPUTER ENGINEERING

Dhireesha Kudithipudi, Associate Professor

Journal Paper: Merkel, Cory, et al. "Neuromemristive Systems: Boosting Efficiency through Brain-Inspired Computing." IEEE Computer 49. 10 (2016): 56-64. Web. *

Invited Paper: Polepalli, Anvesh and Dhireesha Kudithipudi. "Reconfigurable Digital Design of a Liquid State Machine for Spatio-Temporal Data." ACM International Conference on Nanoscale Computing and Communication. (2016). Print. Δ

Journal Paper: Streat, Lennard, Dhireesha Kudithipudi, and Kevin Gomez. "Non-volatile Hierarchical Temporal Memory: Hardware for Spatial Pooling." arXiv. (2016): 1-15. Print.

Published Conference Proceedings: Ibrayev, Timur, et al. "A Design of HTM Spatial Pooler for Face Recognition Using Memristor-CMOS Hybrid Circuits." Proceedings of the IEEE International Symposium on Circuits and Systems (ISCAS). Ed. IEEE. Montreal, Quebec: n.p., Web. *

Full Patent: Merkel, Cory and Dhireesha Kudithipudi. "Method and Apparatus for Training Memristive Learning Systems." U.S. Patent 15/159,949. 20 May 2016.

Published Conference Proceedings: Zarah, Abdullah, et al. "Optimized Hardware Framework of MLP with Random Hidden Layers." Proceedings of the SPIE DCS. Ed. SPIE. Baltimore, Maryland: n.p., Print. *

Published Conference Proceedings: Christiani, Dan, Cory Merkel, and Dhireesha Kudithipudi. "Towards a Scalable Neuromorphic Hardware for Classification and Prediction with Stochastic No-Prop Algorithms." Proceedings of the International Symposium on Quality Electronic Design (ISQED). Ed. IEEE. SanJose, CA: n.p., Web. *

Journal Paper: Mnatzaganian, James, Ernest Fokoue, and Dhireesha Kudithipudi. "A Mathematical Formalization of Hierarchical Temporal Memory's Spatial Pooler." arXiv. (2016): 1-15. Web.

Published Conference Proceedings: Polepalli, Anvesh, Nicholas Soures, and Dhireesha Kudithipudi. "Digital Neuromorphic Design of a Liquid State Machine for Real-time Processing." Proceedings of the IEEE International Conference on Rebooting Computing (ICRC). Ed. IEEE. SanDiego, CA: n.p., Print. *

Journal Editor: Kudithipudi, Dhireesha, ed. International Journal of Circuits and Systems. NJ: World Scientific Publishing Co., Inc., 2016. Print.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Ab-Initio Design of Neuromemristive Systems." IEEE CEDA Council. IEEE. SanJose, CA. 23 Oct. 2016. Keynote Speech.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Neuromorphic Hardware for Classification and Stochastic No-Prop Algorithms." SPIE DCS. SPIE. Baltimore, Maryland. 19 Apr. 2016. Address.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Neuromorphic Computing for future of ExaScale Computing." Exascale Computing. DOE. Baltimore, Maryland. 27 Sep. 2016. Reading.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Reconfigurable Neuromemristive Systems." AFOSR REconfigurable Computing Workshop. AFOSR. Washington DC, Washington DC. 17 May 2016. Lecture.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Scalable Neuromemristive Systems for Spatio-Temporal Processing." NICE. Sandia. Berekley, CA. 8 Mar. 2016. Address.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Reservoir Computing." AFRL. AFRL. Rochester, NY. 3 Mar. 2016. Lecture.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Spatio-Temporal Processing with HTM." Seagate Technical Meet. Seagate. Rochester, NY. 21 Mar. 2016. Lecture.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Memristor Crossbar Based Neuromorphic Architectures." ORNL Neuro Workshop. ORNL. Knoxville, Tennessee. 29 Jun. 2016. Address.

Invited Keynote/Presentation: Kudithipudi, Dhireesha. "Energy Efficient Neural Network Architectures." Technical Brief. DOE. Rochester, NY. 20 Sep. 2016. Lecture.

Andres Kwasinski, Associate Professor

Journal Paper: Wang, Wenbo, et al. "A Survey on Applications of Model-Free Strategy Learning in Cognitive Wireless Networks." IEEE Communications Surveys and Tutorials. (2016): 1717-1757. Print. *

Journal Paper: Kwon, Youngsung, Alexis Kwasinski, and Andres Kwasinski. "Coordinated Energy Management in Resilient Microgrids for Wireless Communication Networks." IEEE Journal of Emerging and Selected Topics in Power Electronic. (2016): 1158-1173. Print. *

Published Conference Proceedings: Kwasinski, Andres and Alexis Kwasinski. "Tradeoff Between Quality-of-Service and Resiliency: a Mathematical Framework Applied to LTE Networks." Proceedings of the Second International Workshop on Integrating Communications, Control, and Computing Technologies for Smart Grid (ICT4SG). Ed. IEEE International Conference on Communications (ICC). Kuala Lumpur, Malaysia: n.p., Print. *

Published Conference Proceedings: Kwasinski, Andres and Alexis Kwasinski. "The Role of Multimedia Source Codecs in Green Cellular Networks." Proceedings of the IEEE Wireless Communications and Networking Conference (WCNC). Ed. N/A. Doha, Qatar: n.p., Print. *

Published Conference Proceedings: Wang, Wenbo, et al. "Learning in Markov Game for Femtocell Power Allocation with Limited Coordination." Proceedings of the IEEE Global Communications Conference (Globecom). Ed. N/A. Washington, DC: n.p., Print. *

Published Conference Proceedings: Hu, Rui, Alexis Kwasinski, and Andres Kwasinski. "A Mixed Strategy Communication Traffic Shaping Method for Decentralized Energy Management of Cell Sites." Proceedings of the International Telecommunications Energy Conference (INTELEC). Ed. N/A. Austin, TX: n.p., Print. *

Published Review: Kwasinski, Andres. "Foundations of Signal Processing [Book Reviews]." Rev. of Foundations of Signal Processing [Book Reviews], ed. Cambridge University Press. IEEE Signal Processing Magazine 2016: 163-164. Print.

Invited Keynote/Presentation: Kwasinski, Andres. "Cross-Layer Framework in the Internet of Things for Cyber-Physical Systems." SPIE Defense+Commercial Sensing conference. SPIE. Baltimore, MD. 18 Apr. 2016. Conference Presentation.

Invited Keynote/Presentation: Kwasinski, Andres. "Microgrid-based Power Infrastructure for Integrated Energy and Cellular Service Management." IEEE 5G Roadmap Workshop. IEEE. Washington DC, Washington DC. 8 Dec. 2016. Conference Presentation.

Journal Editor: Kwasinski, Andres, ed. IEEE Transactions on Wireless Communications. : n.p., 2016. Print.

Journal Editor: Kwasinski, Andres, ed. IEEE Wireless Communications Letters. : n.p., 2016. Print.

Journal Editor: Kwasinski, Andres, ed. IEEE Signal Processing Magazine. : n.p., 2016. Print.

Marcin Lukowiak, Associate Professor

Published Conference Proceedings: Werner, Gordon, et al. "Implementing Authenticated Encryption Algorithm MK-3 on FPGA." Proceedings of the MILCOM. Ed. MILCOM. Baltimore, MD: IEEE, Web. *

Published Conference Proceedings: Tran, Xuan, Marcin Lukowiak, and Stanislaw Radziszowski. "Effectiveness of Variable Bit-Length Power Analysis Attacks on SHA-3 Based MAC." Proceedings of the MILCOM. Ed. MILCOM. Baltimore, MD: IEEE, Web. *

Shows/Exhibits/Installations: Lukowiak, Marcin. Efficient hardware implementations of MK-3. By Alan Kaminsky, et al. 7 Apr. 2016. CEIS University Technology Showcase 2016, Rochester. Exhibit.

Raymond W Ptucha, Assistant Professor

Published Conference Proceedings: Ptucha, Ray, et al. "Understanding the Semantics of Narratives of Interpersonal Violence through Reader Annotations and Physiological Reactions." Proceedings of the Computational Semantics Beyond Events and Roles. Ed. IEEE. Valencia, Spain: n.p., Print. «

Published Conference Proceedings: Sah, Shagan, et al. "Semantic Text Summarization of Long Videos." Proceedings of the WACV. Ed. IEEE. Santa Rosa, CA: IEEE, Print. «

Published Conference Proceedings: Bag, Suvam, Vishwas Venkatachalapathy, and Raymond Ptucha. "Motion Estimation Using Visual Odometry and Deep Learning Localization." Proceedings of the Electronic Imaging. Ed. IS&T. San Francisco, CA: IS&T, Print. «

Published Conference Proceedings: Hssayeni, M., et al. "Distracted Driver Detection: Deep Learning vs Handcrafted Features." Proceedings of the Electronic Imaging. Ed. IS&T. San Francisco, CA: n.p., Print. «

Published Conference Proceedings: Echefu, Sam, et al. "Milpet – The Self-driving Wheelchair." Proceedings of the Electronic Imaging. Ed. IS&T. San Francisco, CA: n.p., Print. «

Published Conference Proceedings: Nooka, Sai, et al. "Adaptive Hierarchical Classification Networks." Proceedings of the ICPR. Ed. IEEE. Cancun, Mexico: n.p., Print. «

Published Conference Proceedings: Dushkoff, Michael, Ryan McLaughlin, and Raymond Ptucha. "A Temporally Coherent Neural Algorithm for Artistic Style Transfer." Proceedings of the ICPR. Ed. IEEE. Cancun, Mexico: n.p., Print. «

Published Conference Proceedings: Kulhare, Sourabh, et al. "Key Frame Extraction for Salient Activity Recognition." Proceedings of the ICPR. Ed. IEEE. Cancun, Mexico: n.p., Print. «

Published Conference Proceedings: Oruganti, Ram, et al. "Image Description through Fusion Based Recurrent Multi-Modal Learning." Proceedings of the ICIP. Ed. IEEE. Phoenix, AZ: n.p., Print. «

Published Conference Proceedings: Oak, Mayuresh, et al. "Generating Clinically Relevant Texts: A Case Study on Life-changing Events." Proceedings of the Proceedings of CLPsych Workshop, North American Chapter of the Association for Computational Linguistics- Human Language Technologies (NAACL-HLT). Ed. IEEE. San Diego, CA: n.p., Web. «

Published Conference Proceedings: Dushkoff, Michael and Raymond Ptucha. "Adaptive Activation Functions for Deep Networks." Proceedings of the Electronic Imaging. Ed. IS&T. San Francisco, CA: n.p., Web. «

Published Conference Proceedings: Chennupati, Sumanth, et al. "Hierarchical Decomposition of Large Deep Networks." Proceedings of the Electronic Imaging. Ed. IS&T. San Francisco, CA: n.p., Web. «

Published Conference Proceedings: Rajanna, Arjun Raj, et al. "Prostate Cancer Detection Using Photoacoustic Imaging and Deep Learning." Proceedings of the Electronic Imaging. Ed. IS&T. San Francisco, CA: n.p., Web. «

Published Conference Proceedings: Avery, Alex, et al. "Autonomous People Mover." Proceedings of the Proceedings of American Society for Engineering Education. Ed. ASEE. Ithaca, NY: n.p., Web. *

Shanchieh Yang, Associate Professor

Peer Reviewed/Juried Poster Presentation: Yang, Shanchieh. "Towards Automatic Extraction and Synthesis of Cyber Attack Behavior Models." Proceedings of the USENIX Security. Austin, TX: USENIX. £

Published Conference Proceedings: Krall, Alex, et al. "Estimating the Likelihood of Cyber Attack Penetration using Rare-Event Simulation." Proceedings of the IEEE Symposium Series on Computational Intelligence. Athens, Greece: IEEE, 2016. Print. *

Peer Reviewed/Juried Poster Presentation: Yang, Shanchieh, et al. "CASCADES: Modeling and Simulation of Cyber Attacker Behaviors for Network Threat Analysis." Proceedings of the 2016 Annual Computer Security Applications Conference (ACSAC). Ed. N/A. Los Angeles, CA: n.p.. *

Peer Reviewed/Juried Poster Presentation: Yang, Shanchieh and Neil Wong Hon Chan. "SCANNER: Sequence Clustering of Android Resource Accesses." Proceedings of the 2016 Annual Computer Security Applications Conference (ACSAC). Los Angeles, CA: n.p.. *

ELECTRICAL AND MICROELECTRONIC ENGINEERING

E Lyshevski, Professor

Published Conference Proceedings: Lyshevski, S. E. and B. Abbott. "Signal Processing in MEMS Inertial Measurement Units for Dynamic Motion-control." Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnologies. Ed. IEEE. IEEE, 2016. Print. £

Published Conference Proceedings: Lyshevski, S. E. and T. Smith. "Nanotechnology for Portable Energy Systems: Modular Photovoltaics, Energy Storage and Electronics." Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnologies. Ed. IEEE. IEEE, 2016. Print. £

Published Conference Proceedings: Lyshevski, S. E. "Data Processing Analysis in Nano- and Microelectronics Processing Platforms." Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnologies. IEEE, 2016. Print. £

Published Conference Proceedings: Lyshevski, S. E. "Analysis of High-performance DC-DC Switching Converters." Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnologies. Ed. IEEE. IEEE, 2016. Print. £

Published Conference Proceedings: Lyshevski, S. E. "Power Electronics, Microelectronics and Propulsion Systems for Solar-powered Unmanned Aerial Vehicles." Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnologies. Ed. IEEE. IEEE, 2016. Print. £

Published Conference Proceedings: Lyshevski, S. E. and R. Reis. "Analysis, Modeling and Characterization of Silicon Solar Cells." Proceedings of the Proc. NanoTech Conf. Ed. NanoTech. Washington DC, Washington DC: NanoTech, 2016. Print. £

Published Conference Proceedings: Lyshevski, S. E. "Nanostructured Magnets and High Power Density Synchronous Generators." Proceedings of the Proc. NanoTech Conf. Ed. NanoTech. Washington, DC, Washington, DC: NanoTech, 2016. Print. £

Full Length Book: (Editor-in-Chief), S. E. Lyshevski. Encyclopedia of Nanoscience and Nanotechnology. 4th ed. Boca Raton, FL: CRC Press, 2016. Web. £

Sildomar T Monteiro, Assistant Professor

Published Conference Proceedings: Gewali, Utsav B. and Sildomar T. Monteiro. "A Novel Covariance Function for Predicting Vegetation Biochemistry from Hyperspectral Imagery with Gaussian Processes." Proceedings of the IEEE International Conference on Image Processing. Ed. IEEE. Phoenix, AZ: n.p., 2016. Print. £

Published Conference Proceedings: Hu, Yang, Sildomar T. Monteiro, and Eli Saber. "Super Pixel Based Classification Using Conditional Random Fields for Hyperspectral Images." Proceedings of the IEEE International Conference on Image Processing. Ed. IEEE. Phoenix, AZ: n.p., 2016. Print. £

Published Conference Proceedings: Liu, Yansong, Sildomar T. Monteiro, and Eli Saber. "Vehicle Detection from Aerial Color Imagery and Airborne LiDAR Data." Proceedings of the IEEE International Geoscience and Remote Sensing Symposium. Ed. IEEE. Beijing, China: IEEE, 2016. Print. £

Published Conference Proceedings: Gewali, Utsav B. and Sildomar T. Monteiro. "Multitask Learning of Vegetation Biochemistry from Hyperspectral Data." Proceedings of the IEEE Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing. Ed. IEEE. Los Angeles, CA: n.p., 2016. Web. £

Published Conference Proceedings: Gewali, Utsav B. and Sildomar T. Monteiro. "Spectral Angle Based Unary Energy Functions for Spatial-Spectral Hyperspectral Classification using Markov Random Fields." Proceedings of the IEEE Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing. Ed. IEEE. Los Angeles, CA: n.p., 2016. Web. £

Published Conference Proceedings: Liang, Yilong, Sildomar T. Monteiro, and Eli Saber. "Transfer Learning for High Resolution Aerial Image Classification." Proceedings of the IEEE Applied Imagery Pattern Recognition Workshop. Ed. IEEE. Washington, DC: n.p., 2016. Print. £

Published Conference Proceedings: Liang, Yilong, Sildomar T. Monteiro, and Eli Saber. "Gaussian Processes for Object Detection in High Resolution Remote Sensing Images." Proceedings of the IEEE International Conference on Machine Learning and Applications. Ed. IEEE. Anaheim, CA: n.p., 2016. Print. £

Published Conference Proceedings: Hu, Yang, et al. "Low-dimensional Representations of Hyperspectral Data for Use in CRF-based Classification." Proceedings of the SPIE Image and Signal Processing for Remote Sensing. Ed. SPIE. Toulouse, France: n.p., 2015. Print. £

Published Conference Proceedings: Liu, Yansong, Sildomar T. Monteiro, and Eli Saber. "An Approach for Combining Airborne LiDAR and High-Resolution Aerial Color Imagery using Gaussian Processes." Proceedings of the SPIE Image and Signal Processing for Remote Sensing. Ed. SPIE. Toulouse, France: n.p., 2015. Print. £

Eli Saber, Professor

Published Conference Proceedings: Liang, Yilong, Sildomar Monteiro, and Eli Saber. "Transfer Learning for High Resolution Aerial Image Classification." Proceedings of the IEEE Applied Imagery Pattern Recognition Workshop. Washington DC, Washington DC: n.p., 2016. Web. *

Published Conference Proceedings: Liang, Yilong, Panos Markopoulos, and Eli Saber. "Subpixel Target Detection in hyperspectral images with Local Matched Filtering in SLIC Superpixels." Proceedings of the IEEE Workshop on Hyperspectral Image and Signal Processing: Evolutions in Remote Sensing (WHISPERS 2016). Los Angeles, CA: n.p., 2016. Web. *

Published Conference Proceedings: HU, Yang, Sildomar Monteiro, and Eli Saber. "Super Pixel Based Classification using Conditional Random Fields for Hyperspectral Images." Proceedings of the International Conference on Image Processing (ICIP) 2016. Ed. IEEE SP Society. Phoenix, AZ: n.p., 2016. Web. *

Published Conference Proceedings: Lima, Osborn De, et al. "Signature Line Detection in Scanned Documents." Proceedings of the International Conference on Image Processing (ICIP) 2016. Ed. IEEE SP Society. Phoenix, AZ: n.p., 2016. Web. *

Published Conference Proceedings: Liang, Yilong, Panos Markopoulos, and Eli Saber. "Subpixel Target Detection in Hyperspectral Images from Superpixel Background Statistics." Proceedings of the IGARRS 2016. Ed. IEEE. Beijing, China: n.p., 2016. Web. *

Published Conference Proceedings: Liu, Yansong, Sildomar Monteiro, and Eli Saber. "Vehicle Detection from Aerial Color Imagery and Airborne LiDAR Data." Proceedings of the IGARRS 2016. Beijing, China: n.p., 2016. Web. *

Published Conference Proceedings: Wang, Yue, et al. "Scanned Document Enhancement Based on Fast Text Detection." Proceedings of the ICASSP 2016. Ed. IEEE. Shanghai, China: n.p., 2016. Web. *

Published Conference Proceedings: Liang, Yilong, Sildomar Monteiro, and Eli Saber. "Gaussian Processes for Object Detection in High Resolution Remote Sensing Images." Proceedings of the IEEE International Conference on Machine Learning and Applications (ICMLA 2016). Anaheim, CA: n.p., 2016. Web. *

Gill Tsouri, Associate Professor

Journal Paper: Tsouri, Gill R, Stephanie Zambito, and Jayanti Venkataraman. "On the Benefits of Creeping Wave Antennas in Reducing Interference between Neighboring Wireless Body Area Networks." IEEE Transactions on Biomedical Circuits and Systems. (2016): 1-8. Print. *

Journal Paper: Decker, A. S., et al. "Monitoring Pharmacy Student Adherence to World Health Organization Hand Hygiene Indications Using Radio Frequency Identification." American journal of pharmaceutical education. (2016): 1-6. Print. *

External Scholarly Fellowships/National Review Committee:

1/1/2016 -

8/15/2016

Verily Life Sciences

Amount: \$83,000

≠

Jayanti Venkataraman, Professor

Published Conference Proceedings: Venkataraman, Jayanti and D. V. Giri. "Electromagnetics in Emerging Medical Technologies." Proceedings of the EUROEM2016. Ed. IET. London, UK, UK: n.p., 2016. Print. £

Published Conference Proceedings: Venkataraman, Jayanti and Rounak Singh Narde. "Trimmed DOE Lens and Gain Enhancement." Proceedings of the IEEE Antenna and Propagation Society International Symposium. Ed. IEEE. Fajardo, Puerto Rico: n.p., 2016. Web. £

Published Conference Proceedings: Venkataraman, Jayanti, Aron Khan, and Zhaolin Lu. "Non-Crosstalk Light Propagation in Anisotropic Metamaterials Composed of Multilayered Metal-Insulator Stack." Proceedings of the IEEE Antenna and Propagation Society International Symposium. Ed. IEEE. Fajardo, Puerto Rico: n.p., 2016. Web. £

Published Conference Proceedings: Venkataraman, Jayanti, Chetan Munuswamy, and Amlan Ganguly. "Design of Antennas for 3D Wireless Network-on-Chip with Micro-Fluidic Cooling Layers." Proceedings of the IEEE Antenna and Propagation Society International Symposium. Ed. IEEE. Fajardo, Puerto Rico: n.p., 2016. Web. £

INDUSTRIAL AND SYSTEMS ENGINEERING

Denis Cormier, Professor

Journal Paper: Fan, Rong, et al. "Bio-printing Cell-laden Matrigel-agarose Constructs." Journal of Biomaterials Applications 31. 5 (2016): 684-692. Print. £

Journal Paper: Wadwa, Arjun, Denis Cormier, and Scott Williams. "Improving Run-Time Stability With Aerosol Jet Printing Using a Solvent Add-Back Bubbler." Journal of Print and Media Technology Research 5. 3 (2016): 207-214. Print. £

Journal Paper: Ouyang, Jing, et al. "Photonic Sintering of Aerosol Jet Printed Lead Zirconate Titanate (PZT) Thick Film Transducers." Journal of the American Ceramics Society 99. 8 (2016): 2569-2577. Web. £

Published Conference Proceedings: Yang, Li, et al. "Design for Additively Manufactured Lightweight Structures: A Perspective." Proceedings of the Solid Freeform Fabrication Symposium. Ed. David Bourell. Austin, TX: n.p., 2016. Print.

Published Conference Proceedings: Cormier, Denis. "Frontiers and Challenges In Additive Manufacturing." Proceedings of the DURACOSYS 12. Ed. Kenneth Reifsnider. Arlington, TX: n.p., 2016. Print.

Published Conference Proceedings: Poddar, Pritam, Scott Williams, and Denis Cormier. "Reduction of Coffee-Ring Defects in Inkjet Printed Electronics via High Speed Drying." Proceedings of the Industrial and Systems Engineering Research Conference. Anaheim, CA: IIE, 2016. Print.

Invited Keynote/Presentation: Cormier, Denis. "Frontiers and Challenges In Additive Manufacturing." DURACOSYS 12. University of Texas at Arlington. Arlington, TX. 13 Jun. 2016. Keynote Speech.

Invited Keynote/Presentation: Cormier, Denis. "The Potential and Challenges of Multifunctional Printing." HPICS 2016. Hewlett Packard. Vancouver, WA. 16 Nov. 2016. Keynote Speech.

Invited Keynote/Presentation: Cormier, Denis. "Multifunctional 3D Printing." University of Illinois - Chicago Research Seminar. University of Illinois - Chicago. Chicago, IL. 29 Nov. 2016. Address.

Invited Keynote/Presentation: Cormier, Denis. "Multi-Material AM: Polymers + Metals + Ceramics." Additive Manufacturing Conference. Nottingham University. Nottingham, UK. 14 Jun. 2016. Conference Presentation.

Invited Keynote/Presentation: Cormier, Denis. "3D Printing and Intellectual Property Law." Rochester Intellectual Property Law Association Meeting. Rochester Intellectual Property Law Association. Rochester, NY. 3 May 2016. Address.

Invited Keynote/Presentation: Cormier, Denis. "3D Printing and Its Computational Challenges/Opportunities." Rochester IEEE Computer and Computational Society Meeting. Rochester IEEE Computer and Computational Society. Rochester, NY. 2 May 2016. Address.

Invited Keynote/Presentation: Cormier, Denis. "Multifunctional 3D Printing." University of Southern California Research Seminar. University of Southern California. Los Angeles, CA. 12 Jan. 2016. Address.

Provisional Patent: Borkholder, David, et al. "Methods of Micropump Fabrication and Devices Thereof." U.S. Provisional Patent Application 62/297,221. 19 Jan. 2016.

Marcos Esterman, Associate Professor

Published Conference Proceedings: Takai, Shun, Michael Wagner, and Marcos Esterman. "A Pilot Study of Cognitive-Neuroscience Mechanism in Product Concept Evaluation." Proceedings of the ASME 2015 International Mechanical Engineering Congress and Exposition, . Ed. ASME. Houston, TX: ASME, 2015. Print. £

Journal Paper: Rojas-Arciniegas, Alvaro Jose and Marcos Esterman. "Characterization and Modeling of Surface Defects in EP3D Printing." Rapid Prototyping Journal 21. 4 (2015): 402-411. Print. ~

Published Conference Proceedings: Santucci, Alissa and Marcos Esterman. "Environmental Impact Assessment During Product Development: A Functional Analysis Based Approach to Life Cycle Assessments." Proceedings of the ASME 2015 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference. Ed. ASME. Boston, MA: ASME, 2015. Print. ~

Scott Grasman, Professor

Journal Paper: Juan, A.A., et al. "A Review of Simheuristics: Extending Metaheuristics to Deal with Stochastic Optimization Problems." Operations Research Perspectives 2. (2015): 62-72. Print. «

Full Length Book: Grasman, S.E. Hydrogen Energy and Vehicle Systems. Beijing, China: China Machine Press, 2016. Print.

Book Chapter: Grasman, S.E., A. Gosavi, and K. McConky. "Operations Research." The Engineering Management Handbook. Ed. J.V. Farr, S. J. Gandhi, and S.N. Merino. Oxford, England: Oxford University Press, 2016. Print. Δ

Journal Paper: Juan, A.A., et al. "Electric Vehicles in Logistics and Transportation: A Survey in Environmental, Strategic, and Operational Challenges." Energies 9. 2 (2016): 86-. Print. «

Invited Keynote/Presentation: Potluri, B. and S.E. Grasman. "Rolling Horizon Workforce Schedule in a Learning/Forgetting Environment." IIE Research Conference and Exhibition. Institute of Industrial Engineers. Anaheim, CA. 23 May 2016. Conference Presentation. Δ

Michael Kuhl, Professor

Peer Reviewed/Juried Poster Presentation: Moskal, Stephen F., et al. "CASCADES: Modeling and Simulation of Cyber Attacker Behaviors for Network Threat Analysis." Proceedings of the 2016 Annual Computer Security Applications Conference (ACSAC), December 5-9, 2016, Los Angeles, CA, USA. Ed. Adam Hahn. Los Angeles, CA: n.p..

Published Conference Proceedings: Clements, Kelsey, et al. "Evaluation of Warehouse Bulk Storage Lane Depth and ABC Space Allocation Using Simulation." Proceedings of the 2016 Winter Simulation Conference, December 11-14, 2016, Arlington, VA. Ed. T. M. K. Roeder, et al. Piscataway, New Jersey: IEEE, 2016. Web. *

Published Conference Proceedings: Krall, Alexander L., et al. "Assessing the Likelihood of Cyber Network Infiltration Using Rare-Event Simulation." Proceedings of the 2016 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2016), December 6-9, 2016, Athens, Greece. Ed. Yaochu Jin and Stefanos Kollias. Piscataway, NJ: IEEE, 2016. Web. «

Matthew Marshall, Associate Professor

Journal Paper: Marshall, Matthew M., Andres L. Carrano, and Wendy A. Dannels. "Adapting Experiential Learning to Develop Problem-solving Skills in Deaf and Hard-of-hearing Engineering Students." Journal of Deaf Studies and Deaf Education 21. 4 (2016): 403-415. Print. «

Journal Paper: Donner, Abigail, Matthew Marshall, and Jacqueline Mozrall. "Effects of Early Exposure to Sign Language on the Biomechanics of Interpreting." Journal of Interpretation 25. 1 (2016): 1-16. Web. «

Katie T McConky

Published Conference Proceedings: Abikarram, Jose Batista and Katie McConky. "Machine Coordination for Minimizing Instantaneous Peak Electricity Demand." Proceedings of the 2016 Industrial and Systems Engineering Research Conference. Ed. H. Yang and MD Sarder. Anaheim, CA: n.p., 2016. Web. *

Published Conference Proceedings: Gnanasundaram, Sanjairaj and Katie McConky. "2016 Industrial and Systems Engineering Research Conference." Proceedings of the Electricity Demand Modeling at an Occupant and Appliance Level. Ed. H. Yang and MD Sarder. Anaheim, CA: n.p., 2016. Web. *

Published Conference Proceedings: Amoroso, Briana, et al. "Optimizing Air Conditioner Size Considering Thermostat Usage Patterns." Proceedings of the 2016 Industrial and Systems Engineering Research Conference. Ed. H. Yang and MD Sarder. Anaheim, CA: n.p., 2016. Web. *

Invited Keynote/Presentation: McConky, Katie, et al. "Automated Tracking and Assessment of Measures of Performances and Effectiveness For HADR Efforts." 2016 INFORMS International Meeting. INFORMS. WikoLoa Village, HA. 14 Jun. 2016. Conference Presentation.

Book Chapter: Grasman, Scott, Abhijit Gosavi, and Katie McConky. "9 Operations Research." The Engineering Management Handbook. Ed. John V. Farr, S. Jimmy Gandhi, and Donald N. Merino. Huntsville, AL: American Society for Engineering Management, 2016. 53-79. Print.

Journal Paper: Abikarram, Jose Batista and Katie McConky. "Real Time Machine Coordination for Instantaneous Load Smoothing and Photovoltaic Intermittency Mitigation." Journal of Cleaner Production. (2016): 1-20. Web. *

Ruben Proano, Assistant Professor

Invited Keynote/Presentation: Proano, Ruben A. "ING.INDUSTRIAL: LA INGENIERÍA DE LAS DECISIONES." XIII Congreso Latinoamericano IIE. ESPOL. Guayaquil, Ecuador. 18 Mar. 2016. Keynote Speech.

Invited Keynote/Presentation: Proano, Ruben A. and Akshit Agarwal. "Optimización del calendario de rotación de médicos residentes." Seminario Ingenieria Industrial. Universidad San Francisco de Quito. Quito, Ecuador. 21 Mar. 2016. Guest Lecture.

Invited Keynote/Presentation: Proano, Ruben A. "Scheduling of Doctors in Training: An Operations Research Implementation to Ensure Fairness and Facilitate Continuity of Care." Graduate Seminar. Malmo University. Malmo, Sweden. 9 Sep. 2016. Guest Lecture.

Invited Keynote/Presentation: Proano, Ruben A. and Akshit Agarwal. "Obtaining the Fairest Resident Rotational Schedule: A Multi-Objective Approach." POMS 27th Annual Conference. Production and Operations Management Society. Orlando, FL. 6 May 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Proano, Ruben A. and Akshit Agarwal. "Ensuring Fairness and Continuity-of-care in Resident Training Rotational Programs." IISE 2016 Annual Conference. Institute of Industrial and Systems Engineering. Anaheim, CA. 23 May 2016. Conference Presentation.

Invited Keynote/Presentation: Proano, Ruben A., et al. "Bundle Payment Implementation via Market Segmentation." INFORMS Annual Meeting. Institute of Operations Research and Management Science. Nashville, TN. 16 Nov. 2016. Conference Presentation.

Journal Paper: Proano, Ruben A. "Case Article—Dealing with the Bug in the Classrooms: Planning for a Pandemic." INFORMS Transactions on Education. (2016): 93 - 96. Web. «

Published Conference Proceedings: Bullard, Joseph, et al. "Towards Early Dementia Detection: Fusing Linguistic and Non-Linguistic Clinical Data." Proceedings of the Proceedings of the Third Workshop on Computational Linguistics and Clinical Psychology, June 2016, CA. Ed. Kristy Hollingshead and Lyle Ungar. San Diego, CA: Association of Computational Linguistics, 2016. Web. *

Ehsan Rashedi

Published Conference Proceedings: Rashedi, Ehsan, et al. "Effects of Plantarflexor Muscle Fatigue on Gait Characteristics." Proceedings of the Proceedings of the American Society of Biomechanics Annual Meeting. Raleigh, NC: n.p., Print. *

Published Conference Proceedings: Rashedi, Ehsan and Maury A. Nussbaum. "History Dependency of Muscle Strength Recovery from a Fatiguing Intermittent Task." Proceedings of the Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Washington DC, Washington DC: SAGE Publications, Web. *

Journal Paper: Rashedi, Ehsan and Maury A. Nussbaum. "Cycle Time Influences the Development of Muscle Fatigue at Low to Moderate Levels of Intermittent Muscle Contraction." Journal of Electromyography and Kinesiology 28. (2016): 37-45. Web. «

Journal Paper: Eskandari, Amirhossein, et al. "The Effect of Parameters of Equilibrium-based 3-D Biomechanical Models on Extracted Muscle Synergies During Isometric Lumbar Exertion." Journal of Biomechanics 49. 6 (2016): 967-973. Web. «

Journal Paper: Alabdulkarim, Saad, et al. "Impact of Task Design on Task Performance and Injury Risk: Case Study of a Simulated Drilling Task." Ergonomics. (2016): 1-16. Web. «

Published Conference Proceedings: Alabdulkarim, Saad, et al. "Impact of Task Design on Productivity and Quality." Proceedings of the Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Washington DC, Washington DC: SAGE Publications, Web. *

Rachel T Silvestrini, Associate Professor

Journal Paper: Silvestrini, Rachel T and Anthony C Silvestrini. "An Investigation of the Relationship Between The Gaussian Process Model Parameters and Surface Area in Three Dimensions." Quality and Reliability Engineering International 32. 2 (2016): 391-402. Print. ~

Journal Paper: Kist, Michael J. and Rachel T Silvestrini. "Incorporating Confidence Intervals on the Decision Threshold in Logistic Regression." Quality and Reliability Engineering International 32. 5 (2016): 1769 - 1784. Print. ~

Journal Paper: Ellis, Kathleen, et al. "Modeling Setting Time and Compressive Strength in Sodium Carbonate Activated Blast Furnace Slag Mortars Using Statistical Mixture Design." *Cement and Concrete Composites* 74. (2016): 1-6. Web. *

Brian Thorn, Associate Professor

Journal Paper: Bayus, Jacob, Changfeng Ge, and Brian Thorn. "A Preliminary Environmental Assessment of Foil and Metallized Film Centered Laminates." *Resources, Conservation and Recycling* 115. (2016): 31-41. Web. £

Journal Paper: Tornese, Fabiana, et al. "Carbon Footprint Analysis of Pallet Remanufacturing." *Journal of Cleaner Production* 126. July (2016): 630-642. Web. £

Journal Paper: Carrano, Andres L, et al. "Selection of Pallet Management Strategies Based on Carbon Emissions Impact." *International Journal of Production Economics* 164. (2015): 258-270. Web. £

Published Conference Proceedings: Nenni, Nicholas, et al. "Comparative Life Cycle Economic and Environmental Analysis of Various End-of-life Strategies for Spent Coffee Grounds." *Proceedings of the 2016 Industrial and Systems Engineering Research Conference*. Ed. H. Yang, Z. Kong, and M. D. Sarder. Anaheim, CA: n.p., Web. *

Published Conference Proceedings: Amoro-so, Briana, et al. "Optimizing Air Conditioner Size Considering Thermostat usage Patterns." *Proceedings of the 2016 Industrial and Systems Engineering Research Conference*. Ed. H. Yang, Z. Kong, and M. D. Sarder. Anaheim, CA: n.p., Web. *

MECHANICAL ENGINEERING

Wael Abdel Samad

Published Conference Proceedings: Alshaya, A., W. A. Samad, and R. Rowlands. "Desirable Features of Processing DIC Date with a Stress Function." *Proceedings of the International Digital Image Correlation Society conference*, November 7-10, Philadelphia, PA. Ed. Michael A. Sutton. Philadelphia, PA: n.p., Web. *

Published Conference Proceedings: Shehata, M., T. M. Hatem, and W. A. Samad. "EXPERIMENTAL STUDY OF BUILD ORIENTATION IN DIRECT METAL LASER SINTERING OF 17-4PH STAINLESS STEEL." *Proceedings of the International Symposium on Plasticity, Big Island, Hawaii*, January 3-9, 2016. Ed. Akhtar S. Khan. Keauhou Bay, Hawaii: n.p., Web. *

Published Conference Proceedings: Samad, W. A. and J. Considine. "Sensitivity Analysis of Hybrid Thermoelastic Techniques." *Proceedings of the Society of Experimental Mechanics International Congress & Exhibition*, Jun 6, 2016, Orlando, FL. Ed. Springer. Orlando, Florida: Springer, Print. *

Stephen Boedo, Professor

Journal Paper: Boedo, S. and D.P. Anderson. "Oscillating Journal Bearings under Steady Load: A Numerical Study of Limiting Cases." *ASME Journal of Tribology* 138. (2016): p. 014502. Print. *

Journal Paper: Boedo, S. and J.F. Booker. "Warner-Sommerfeld Impedance and Mobility Maps." *ASME Journal of Tribology* 138. (2016): p. 034502. Print. *

Journal Paper: Holzenkamp, M., et al. "Seeded Fault Testing and Classification of Dynamically-Loaded Floating Ring Compressor Bearings." *ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems Part B: Mechanical Engineering* 2. (2016): p. 021003. Print. *

Alfonso Fuentes Aznar

Book Chapter: Fuentes-Aznar, Alfonso. "Prof. Faydor L. Litvin: A Life Dedicated to the Development of the Modern Theory of Gearing." Theory and Practice of Gearing and Transmissions. Ed. Veniamin Goldfarb and Natalya Barmina. : Springer International Publishing, 2016. 1-17. Print. Δ

Published Conference Proceedings: Gonzalez-Perez, Ignacio, Miguel Martinez-Diaz, and Alfonso Fuentes-Aznar. "Diseño e Impresion de Modelos 3D de Transmisiones Epicycloidales para Ayuda a la Docencia." Proceedings of the XXI Congreso Nacional de Ingenieria Mecanica. Ed. Emilio Velasco-Sanchez. Elche, Spain: Asociacion Española de Ingenieria Mecanica, 2016. Print. *

Journal Editor: Fuentes-Aznar, Alfonso, ed. Mechanism and Machine Theory. Amsterdam, Netherlands: Elsevier, 2016. Print.

Book Chapter: Fuentes-Aznar, Alfonso, Ramon Ruiz-Orzaez, and Ignacio Gonzalez-Perez. "Compensation of Errors of Alignment Caused by Shaft Deflections in Spiral Bevel Gear Drives." Theory and Practice of Gearing and Transmissions. Ed. Veniamin Goldfarb and Nathalya Barmina. : Springer International Publishing, 2016. 301-319. Print. Δ

Shows/Exhibits/Installations: Fuentes-Aznar, Alfonso. Computational Tools for Advanced Gear Design. 7 Apr. 2016. 16th Annual University Technology Showcase, Rochester. Exhibit.

Journal Paper: Fuentes-Aznar, Alfonso, Ramon Ruiz-Orzaez, and Ignacio Gonzalez-Perez. "Comparison of Spur, Helical and Curvilinear Gear Drives by means of Stress and Tooth Contact Analyses." Meccanica. (2016): 1-18. Print. «

Published Conference Proceedings: Fuentes-Aznar, Alfonso, et al. "Fillet Geometry Modeling for Nongenerated Gear Tooth Surfaces." Proceedings of the International Conference on Power Transmissions 2016 (ICPT 2016). Ed. Datong Qin, Yimin Shao. Chongqing, China: Taylor and Francis Group, 2016. Print. *

Published Conference Proceedings: Fuentes-Aznar, Alfonso, Ignacio Gonzalez-Perez, and Harish K. Pasapula. "Computerized Design of Straight Bevel Gears with Optimized Profiles for Forging, Molding, or 3D Printing." Proceedings of the AGMA Fall Technical Meeting. Alexandria, VA: American Gear Manufacturers Association, 2016. Print. «

Published Conference Proceedings: Stringer, Brian, et al. "Effect of Cutting Conditions on Dimensional Accuracy and Surface Roughness in Traditional Milling of Steel." Proceedings of the ASME 2016 International Mechanical Engineering Congress & Exposition. Ed. Unkown. Phoenix, AZ: ASME, 2016. Print. *

Journal Paper: Fuentes-Aznar, Alfonso and Ignacio Gonzalez-Perez. "Mathematical Definition and Computerized Modeling of Spherical Involute and Octoidal Bevel Gears Generated by Crown Gear." Mechanism and Machine Theory 106. (2016): 94-114. Print. «

Hany Ghoneim, Professor

Journal Paper: Kumar, N and Ghoneim H. "Damping Factor Estimation of a Flexible-Matrix-Composite Body Pump." Journal of Materials Science and Chemical Engineering 4. (2016): 59-66. Print. «

Journal Paper: Yin, Zhen and Ghoneim H. "A Novel Compliant-Body Pump with a High Volumetric Efficiency." Composite Structures 153. (2016): 578-584. Print. «

Amitabha Ghosh, Professor

Published Conference Proceedings: Ghosh, Amitabha. "Foundations of Statics - an Assessment Study and Feedback Implementation." Proceedings of the 2016 ASME International Mechanical Engineering Congress and Exposition, November 11-17, Phoenix, Arizona, USA. Ed. ASME. Phoenix, Arizona, USA, AZ: n.p., Print. £

Published Conference Proceedings: Ghosh, Amitabha. "Formative Assessment using Multiple Choice Questions in Statics and Dynamics." Proceedings of the 2016 ASME International Mechanical Engineering Congress and Exposition, November 11-17, Phoenix, Arizona, USA. Ed. ASME. Phoenix, AZ: n.p., Print. £

Surendra Gupta, Professor

Published Conference Proceedings: Gupta, S. K., et al. "Performance of Engineering and Engineering Technology Scholars in the Transfer Pipeline Program." Proceedings of the ASEE 123rd Annual Conference. Ed. American Society for Engineering Education. New Orleans, LA: American Society for Engineering Education, 2016. Web. «

Journal Paper: Abdulal, E. A., et al. "Surface Modification of PEN Treated with Ozone and UV Photooxidation." Surface Innovations 4. 1 (2016): 39-47. Print. «

Journal Paper: Li, Xinyun, et al. "Vacuum UV Photo-oxidation of Polystyrene." Journal of Adhesion Science and Technology 30. 20 (2016): 2212-2223. Web. «

Edward C Hensel Jr., Professor

Published Conference Proceedings: Lee, Y. O., et al. "Variation in Vaping: Examining Daily ENDS Puff Topography Among Established and Non-established Cigarette Smokers." Proceedings of the NIHTRCS Tobacco Regulatory Science Conference. Ed. NIH. Bethesda, MD: NIH, 2016. Web. *

Invited Article/Publication: Robinson, R. J., et al. "E-Cigarette Vaping: Preclinical And Clinical Pulmonary Health Effects." American Thoracic Society, 2016 International Conference. (2016). Print. *

Journal Paper: Robinson, R. J., et al. "Week Long Topography Study of Young Adults Using Electronic Cigarettes in Their Natural Environment." PLOS ONE 11. 10 (2016): 31. Web. *

Published Conference Proceedings: Hensel, E. C. and R. J Robinson. "Case Study: A Career Development Program for New Engineering Faculty." Proceedings of the 14th LACCEI International Multi-Conference for Engineering, Education, and Technology: "Engineering Innovations for Global Sustainability". Ed. Cecilia A. Paredes V., Ph.D. San José, Costa Rica: LACCEI, 2016. Web. *

Patricia Iglesias Victoria, Assistant Professor

Published Conference Proceedings: Fuentes, A., et al. "Fillet Geometry Modeling for Nongenerated Gear Tooth Surfaces." Proceedings of the International Conference on Power Transmissions ICPT 2016. Ed. Datong Qin. Chongqing, China: n.p., Print. «

Published Conference Proceedings: Bain, D., et al. "Synthetic and Organic Supercharger Lubrication: The Tribological Performance of Ionic Liquids as Additives to Lubricants." Proceedings of the ASME 2016 International Mechanical Engineering Congress and Exposition IMECE2016. Ed. ASME. Phoenix, Az: n.p., Web. «

Published Conference Proceedings: Bossung, K., et al. "Effect of Halogen-free Ionic Liquids as Additives of Biolubricants for Room Temperature Titanium-steel Contact." Proceedings of the ASME 2016 International Mechanical Engineering Congress and Exposition IMECE2016. Ed. ASME. Phoenix, Az: n.p., Web. «

Journal Paper: Janardhanan, Karthik and Patricia Iglesias. "Theoretical and Experimental Study of the Friction Behavior of Halogen-Free Ionic Liquids in Elastohydrodynamic Regime." *Lubricants Nanoparticles and Ionic Liquids in Lubrication special issue-4*. 2 (2016): 1-12. Web. «

Journal Paper: Gutierrez, M.A., M. Haselkorn, and Patricia Iglesias. "The Lubrication Ability of Ionic Liquids as Additives for Wind Turbine Gearboxes." *Lubricants* 4. 2 (2016): -. Web. «

Published Conference Proceedings: Matczak, L., et al. "Characterization of Novel High Performance Lubricants." *Proceedings of the ASME 2016 International Mechanical Engineering Congress and Exposition IMECE2016*. Ed. ASME. Phoenix, Az: n.p., Web. «

Published Conference Proceedings: Stringer, B., et al. "Effect of Cutting Conditions on Dimensional Accuracy and Surface Roughness in Traditional Milling of Steel." *Proceedings of the ASME 2016 International Mechanical Engineering Congress and Exposition IMECE2016*. Ed. ASME. Phoenix, Az: n.p., Web. «

Published Conference Proceedings: Kudtarkar, K.A., et al. "Microfluidic Synthesis of Polymer Ionic Liquid Gel Beads for Energy Harvesting Applications." *Proceedings of the ASME 2016 International Mechanical Engineering Congress and Exposition IMECE2016*. Ed. ASME. Phoenix, Az: n.p., Web. «

Shows/Exhibits/Installations: Iglesias, Patricia. Tribology Laboratory at Kate Gleason College of Engineering. n.d. CEIS University Technology Showcase 2016, Rochester. Exhibit. ~

Invited Keynote/Presentation: Iglesias, Patricia, et al. "Prediction of the Frictional Properties of Halogen-free Ionic Liquids in Elastohydrodynamic Contacts." 2016 STLE Tribology Frontiers Conference, STLE. Chicago, Ill. 13 Nov. 2016. Conference Presentation. *

Invited Keynote/Presentation: Iglesias, Patricia, et al. "Phosphonium-based Ionic Liquids as Additives of Mineral Oils in Steel-steel Contacts." 2016 STLE Tribology Frontiers Conference, STLE. Chicago, Ill. 13 Nov. 2016. Conference Presentation. *

Satish Kandlikar, Professor

Journal Paper: Jaikumar, Arvind and Satish G. Kandlikar. "Enhanced Pool Boiling For Electronics Cooling Using Porous Fin Tops on Open Microchannels With FC-87." *Applied Thermal Engineering* 91. (2015): 426-433. Web.

Book Chapter: Perez-Raya, I. and Satish G. Kandlikar. "Evaporation on a Planar Interface Numerical Simulation and Theoretical Analysis of Heat and Mass Transport Processes." *Advances in Heat Transfer, Vol 48*. Radarweg, NX Amsterdam, The Netherlands: Elsevier Science and Technology, 2016. 1-66. Print.

Full Patent: Santhanam,, Kalathur S.V., et al. "Electrochemical Process for Producing Graphene, Graphene Oxide, Metal Composites, and Coated Substrates." U.S. Patent US20160017502 A1. 2016.

Provisional Patent: Jaikumar, Arvind and Satish G. Kandlikar. "Pool Boiling Enhancement Through Separate Liquid- Vapor Pathways with Feeder Channels Supplying Liquid to Nucleating Regions,." U.S. Provisional Patent Application 62/256,286. 2016.

Full Patent: Kandlikar, Satish G. "Refrigerant System for Producing Chilled Liquid." U.S. Patent 62/375,217,. 2016.

Published Conference Proceedings: Gonzalez-Hernandez, Jose-Luis and Satish G. Kandlikar. "Overall Performance Evaluation of Embedded Microchannel Cooling Layers for 3D Architecture Chips." *Proceedings of the Green Computing Conference and Sustainable Computing Conference (IGSC), 2015 Sixth International*. New York, NY: IEEE, 2015. Web.

Published Conference Proceedings: Buchling, Philipp and Satish G. Kandlikar. "Vapor Chamber Forced Convection Cooling Using Flow Boiling in Open Microchannels and Tapered Manifolds." Proceedings of the 15th IEEE Intersociety Conference on Thermal and Termomechanical Phenomena in Electronic Systems (ITherm). New York, NY: IEEE, 2016. Web.

Journal Paper: Jaikumar, Arvind and Satish G. Kandlikar. "Enhanced Pool Boiling Heat Transfer Mechanisms for Selectively Sintered Open Microchannels." International Journal of Heat and Mass Transfer 88. (2015): 652-661. Web.

Invited Keynote/Presentation: Kandlikar, Satish G. "Shifting Enhancement Paradigms through Nano-Microscale Surface Modification in Pool Boiling." Micro/Nanoscale Heat and Mass Transfer International Conference. J. Heat and Transfer. New York, NY. 5 Jan. 2016. Guest Lecture. *

Invited Keynote/Presentation: Kandlikar, Satish G. "New Paradigm in Microchannel Heat Transfer." National Technical University. , Singapore. 21 Jan. 2016. Guest Lecture. *

Journal Paper: Kalani, Ankit and Satish G. Kandlikar. "Flow Patterns and Heat Transfer Mechanisms During Flow Boiling over Open Microchannels in Tapered Manifold (OMM)." International Journal of Heat and Mass Transfer 89. (2015): 494-504. Web.

Journal Paper: Kalani, Ankit and Satish G. Kandlikar. "Combining Liquid Inertia with Pressure Recovery from Bubble Expansion for Enhanced Flow Boiling." Applied Physics Letters 107. 18 (2015): 181601. Web.

Journal Paper: Shah, M. M. and Satish G. Kandlikar. "Water Emergence from the Land Region and Water-sidewall Interactions in Proton Exchange Membrane Fuel Cell Gas Channels with Microgrooves." Journal of Power Sources 297. (2015): 127-139. Web.

Invited Keynote/Presentation: Kandlikar, Satish G. "Focus on Fundamentals of Interfacial Transport Phenomena." International Workshop on New Understanding in Nanoscale/Microscale Phase Change. Norwegian University of Science and Technology. Trondheim, Norway. 13 Jun. 2016. Guest Lecture. *

Invited Keynote/Presentation: Perez, Isaac and Satish G. Kandlikar. "Simulating Interfacial Evaporation using Commercial Codes." International Workshop on New Understanding in Nanoscale/Microscale Phase Change. Norwegian University of Science and Technology. Trondheim, Norway. 13 Jun. 2016. Guest Lecture. *

Invited Keynote/Presentation: Kandlikar, Satish G. "Interfacial Transport Phenomena – Future Research Directions." International Workshop on New Understanding in Nanoscale/Microscale Phase Change. Norwegian University of Science and Technology. Trondheim, Norway. 13 Jun. 2016. Guest Lecture. *

Invited Keynote/Presentation: Kandlikar, Satish G. "Effective Communication – Overview." Norwegian University of Science and Technology. Trondheim, Norway. 19 Oct. 2016. Guest Lecture. *

Invited Keynote/Presentation: Kandlikar, Satish G. "Effective Communication – Ground Rules." Norwegian University of Science and Technology. Trondheim, Norway. 20 Oct. 2016. Guest Lecture.

Invited Keynote/Presentation: Kandlikar, Satish G. "Effective Communication – Writing Technical Paper." Norwegian University of Science and Technology. Trondheim, Norway. 20 Oct. 2016. Guest Lecture.

Invited Keynote/Presentation: Kandlikar, Satish G. "Effective Communication – Technical Presentation." Norwegian University of Science and Technology. Trondheim, Norway. 20 Oct. 2016. Guest Lecture.

Journal Paper: Protich, Z., et al. "Electrochemical Deposition of Copper in Graphene Quantum Dot Bath: Pool Boiling Enhancement." Journal of Electrochemical Society 163. 6 (2016): E166-E172. Web.

Journal Paper: Koz, Mustafa and Satish G. Kandlikar. "Oxygen Transport Resistance at Gas Diffusion Layer – Air Channel Interface with Film Flow of Water in a Proton Exchange Membrane Fuel Cell." Journal of Power Sources 302. (2016): 331-342. Web.

Journal Paper: Jaikumar, Arvind and Satish G. Kandlikar. "Pool Boiling Enhancement Through Bubble Induced Convective Liquid Flow in Feeder Microchannels." Applied Physics Letters 108. 4 (2016): 41604. Web.

Invited Keynote/Presentation: Kandlikar, Satish G. "Proposal Writing Guidelines." Norwegian University of Science and Technology. Trondheim, Norway. 20 Oct. 2016. Guest Lecture.

Invited Keynote/Presentation: Recinella, Alyssa and Satish G. Kandlikar. "Heat Flux Dissipation of ~1kW/cm² using Radial Microchannels and Offset Strip Fins." ASME IMECE. ASME. Phoenix, AZ. 11-17 Nov. 2016. Conference Presentation.

Invited Keynote/Presentation: Raghupathi, P. "Pool Boiling Performance of Shallow Microgroove Surfaces." ASME IMECE. ASME. Phoenix, AZ. 11-17 Nov. 2016. Conference Presentation.

Invited Keynote/Presentation: Kandlikar, Satish G. "Fundamental Considerations to Enhance Flow Boiling Performance in High Heat Flux Dissipation in Microchannels." Taipei University. Taipei, Taiwan. N/A Dec. 2016. Guest Lecture.

Journal Paper: Kandlikar, Satish G. "Mechanistic Considerations for Enhancing Flow Boiling Heat Transfer in Microchannels." Journal of Heat Transfer 138. 2 (2016): 21504. Web.

Journal Paper: Buchling, Philipp and Satish G. Kandlikar. "Enhanced Flow Boiling of Ethanol in Open Microchannels With Tapered Manifolds in a Gravity-Driven Flow." Journal of Heat Transfer 138. 3 (2016): 31503. Web.

Journal Paper: Raghupathi, Pruthvik A. and Satish G. Kandlikar. "Contact Line Region Heat Transfer Mechanisms for an Evaporating Interface." International Journal of Heat and Mass Transfer 95. (2016): 296-306. Web.

Journal Paper: Gonzalez-Hernandez, Jose-Luis, Satish G. Kandlikar, and Abel Hernandez-Guerrero. "Performance Assessment Comparison of Variable Fin Density Microchannels With Offset Configurations." Heat Transfer Engineering. 16 (2016): 1-13. Web.

Journal Paper: Buchling, Philipp and Satish G. Kandlikar. "Enhanced Flow Boiling of Ethanol in Open Microchannels With Tapered Manifolds in a Gravity-Driven Flow." Journal of Heat Transfer 138. 3 (2016): 31503. Web. *

Journal Paper: Raghupathi, Pruthvik A. and Satish G. Kandlikar. "Bubble Growth and Departure Trajectory Under Asymmetric Temperature Conditions." International Journal of Heat and Mass Transfer 95. (2016): 824-832. Web.

Journal Paper: Jaikumar, Arvind and Satish G. Kandlikar. "Ultra-high Pool Boiling Performance and Effect of Channel Width with Selectively Coated Open Microchannels." International Journal of Heat and Mass Transfer 95. (2016): 795-805. Web.

Journal Paper: Türkakar, Göker and Satish G. Kandlikar. "Entropy Generation Analysis of a Microchannel-condenser for use in a Vapor Compression Refrigeration Cycle." International Journal of Refrigeration 70. (2016): 71-83. Web.

Journal Paper: Perez-Raya, Isaac and Satish G. Kandlikar. "Numerical Modeling of Interfacial Heat and Mass Transport Phenomena During a Phase Change Using ANSYS-Fluent." *Numerical Heat Transfer Fundamentals* 70. 4 (2016): 322-339. Web.

Journal Paper: Jaikumar, Arvind, Satish G. Kandlikar, and Anju Gupta. "Pool Boiling Enhancement through Graphene and Graphene Oxide Coatings." *Heat Transfer Engineering*. (2016): 0. Web.

Journal Paper: Raghupathi, Pruthvik A. and Satish G. Kandlikar. "Characterization of Pool Boiling of Seawater and Regulation of Crystallization Fouling by Physical Aberration." *Heat Transfer Engineering*. (2016): 0. Web.

Journal Paper: Kandlikar, Satish G. "Enhanced Macro-convection Mechanism with Separate Liquid-Vapor Pathways to Improve Pool Boiling Performance." *Journal of Heat Transfer*. (2016): n/a. Web.

Book Chapter: Kandlikar, Satish G. "Boiling." *Multiphase flow handbook*. Ed. Michaelides, Crowe, and Schwarzkopf. Boca Raton, FL: Taylor and Francis Group, 2016. 559-604. Print.

Published Conference Proceedings: Shamim, M. S., et al. "Co-design of 3D Wireless Network-on-chip Architectures with Microchannel-based Cooling." *Proceedings of the Green Computing Conference and Sustainable Computing Conference (IGSC)*. New York, NY: IEEE, 2015. Web.

Published Conference Proceedings: Recinella, Alyssa, Ankit Kalani, and Satish G. Kandlikar. "Enhanced Flow Boiling Heat Transfer Using Radial Microchannels." *Proceedings of the ASME 14th International Conference in Nanochannels Microchannels Minichannels*. Washington DC, Washington DC: n.p., 2016. Web.

Published Conference Proceedings: Recinella, Alyssa, et al. "Design of an Experimental Setup to Investigate an Oscillating and Evaporating Meniscus Using a Feedback Control Loop." *Proceedings of the ASME ICNMM 2016 Conference*. Washington DC, Washington DC: ASME, 2016. Web.

Published Conference Proceedings: Jaikumar, Arvind, Anju Gupta, and Satish G. Kandlikar. "Dip Coating of Electrochemically Generated Graphene and Graphene Oxide Coatings to Enhance Pool Boiling Performance." *Proceedings of the Proceedings of the ASME 14th International Conference in Nanochannels Microchannels Minichannels HTFEICNMM2016 Conference*, July 10-14. Washington DC, Washington DC: ASME, 2016. Web.

Published Conference Proceedings: Raghupathi, Pruthvik A. and Satish G. Kandlikar. "Preliminary Results of Pool Boiling of Seawater." *Proceedings of the Proceedings of the ASME 14th International Conference in Nanochannels Microchannels Minichannels HTFEICNMM2016 Conference*, July 10-14. Washington DC, Washington DC: ASME, 2016. Web. *

Published Conference Proceedings: Perez-Raya, Isaac and Satish G. Kandlikar. "Modeling of Evaporation Phenomenon Considering Liquid and Vapor Phase Conduction Effects: Stefan Problems." *Proceedings of the Liquid and Vapor Phase Conduction Effects: Stefan Problems*, *Proceedings of the ASME 14th International Conference in Nanochannels Microchannels Minichannels HTFEICNMM2016 Conference*, July 10-14. Washington DC, Washington DC: n.p., 2016. Web. *

Published Conference Proceedings: Gupta, Anju, Arvind Jaikumar, and Satish G. Kandlikar. "Characterization of Effects of Systematically Increased Graphene Dip coating Durations on the Surface Morphology." *Proceedings of the AIChE Annual Meeting*. San Francisco, CA: n.p., 2016. Web. *

Published Conference Proceedings: Gupta, Anju and Satish G. Kandlikar. "Pool Boiling Enhancement through Graphene and Graphene Oxide Coatings." Proceedings of the International Workshop on New Understanding in Nanoscale/Microscale Phase Change Phenomena, Norwegian University of Science and Technology, Trondheim, Norway: n.p., 2016. Web. *

Published Conference Proceedings: Gupta, Anju and Satish G. Kandlikar. "Effects of Dip Coating Duration on Surface Morphology and Pool Boiling Enhancement." Proceedings of the International Conference on Material Sciences. Coimbatore, India: n.p., 2016. Web. *

Invited Keynote/Presentation: Kandlikar, Satish G. "Mechanistic Considerations for Enhancing Flow Boiling Heat Transfer in Microchannels." Micro Thermal Systems (MTS) Group. Department of Mechanical Engineering, National University of Singapore. , Singapore. 1 Jan. 2016. Guest Lecture. *

Invited Keynote/Presentation: Kandlikar, Satish G., Arvand Jaikumar, and Anju Gupta. "Dip Coating of Electrochemically Generated Graphene and Graphene Oxide Coatings to Enhance Pool Boiling Performance." Proceedings of the ASME 14th International Conference in Nanochannels Microchannels Minichannels HTFEICNMM2016 Conference. ASME. Washington DC, Washington DC. 10-14 Jul. 2016. Conference Presentation.

Invited Keynote/Presentation: Raghupathi, Pruthvik A. and Satish G. Kandlikar. "Preliminary Results of Pool Boiling of Seawater." Proceedings of the ASME 14th International Conference in Nanochannels Microchannels Minichannels HTFEICNMM2016 Conference. ASME. Washington DC, Washington DC. 10-14 Jul. 2016. Conference Presentation.

Invited Keynote/Presentation: Recinella, Alyssa and Satish G. Kandlikar. "Enhanced Flow Boiling Heat Transfer Through Radial Heat Flux Dissipation of ~1kW/cm² using Radial Microchannels and Offset Strip Fins." Proceedings of the ASME 14th International Conference in Nanochannels Microchannels Minichannels HTFEICNMM2016 Conference. ASME. Washington DC, Washington DC. 10-14 Jul. 2016. Conference Presentation.

Invited Keynote/Presentation: Kandlikar, Satish G. "Enhanced Flow Boiling to Meet 1 kW/cm² Heat Dissipation Challenge." National Central University. Taoyuan City, Taiwan. N/A Dec. 2016. Guest Lecture.

Journal Paper: Kandlikar, Satish G, Jose-Luis Gonzalez-Hernandez, and Abel Hernandez-Guerero. "Performance Assessment Comparison of Variable Fin Density Microchannels With Offset Configurations." Heat Transfer Engineering 31. 16 (2016): 1-13. Web. *

Journal Paper: Kandlikar, Satish G. "Mechanistic Considerations for Enhancing Flow Boiling Heat Transfer in Microchannels." Journal of Heat Transfer 138. 2 (2016): 21504. Web. *

Jason Kolodziej, Associate Professor

Published Conference Proceedings: Kolodziej, Jason R and John N Trout. "Reciprocating Compressor Valve Condition Monitoring Using Image-based Pattern Recognition." Proceedings of the Annual Conference of the Prognostics and Health Management Society 2016. Ed. PHM Society. Denver, CO: n.p., 2016. Web. «

Full Patent: Kolodziej, Jason R. "Self-Tuning Thermal Control of an Automotive Fuel Cell Propulsion System." U.S. Patent 9437884. 6 Sep. 2016. *

Alexander S Liberson, Lecturer

Journal Paper: Liberson, Alexander S and Jeffrey S Lillie, David A Borkholder. "Improved Blood Pressure Prediction Using Systolic Flow Correction of Pulse Wave Velocity." *Cardiovascular Engineering and Technology*. (2016): 1-9. Web. *

Journal Paper: Liberson, Alexander S and Jeffrey S Lillie, David A Borkholder, Steven W Day. "A Physics Based Approach to the Pulse Wave Velocity Prediction in Compliant Arterial Segments." *Journal of Biomechanics*. (2016): 1-7. Web. *

Journal Paper: Liberson, Alexander S. "Quantification of Hemodynamic Pulse Wave Velocity Based on a Thick Wall Multi-Layer Model for Blood Vessels." *Journal of Fluid Flow, Heat and Mass Transfer* 3. (2016): 54-61. Print. *

Rui Liu, Visiting Assistant Professor

Published Conference Proceedings: Stringer, Brian, et al. "Effect of Cutting Conditions on Dimensional Accuracy and Surface Roughness in Traditional Milling of Steel." *Proceedings of the Proceedings of the ASME 2016 International Mechanical Engineering Congress and Exposition*. Ed. unknown. Phoenix, Arizona: The American Society of Mechanical Engineers, 2016. Web. *

Risa Robinson, Professor

Published Conference Proceedings: Lee, Youn Ok, et al. "Variation in Vaping: Examining Daily ENDS Puff Topography Among Established and Non-established Cigarette Smokers." *Proceedings of the NIH TRSC May meeting*. Ed. NIH. Baltimore, MD: n.p., 2016. Print.

Invited Keynote/Presentation: Robinson, R., et al. "4. What's Inhaled by Vaping? Dosimetry, Deposition, Distribution, and Topography: Pulmonary Physiological and Clinical Effects." *E-Cigarette Vaping: Preclinical and Clinical Pulmonary Health*. American Thoracic Society. San Diego, CA. 15 May 2016. Conference Presentation. Δ

Invited Paper: Lerner, C., et al. "Mitochondrial Stress and Inflammation Following Exposure to Electronic Cigarette Aerosols." *22nd Annual Conference of the Society for Research on Nicotine & Tobacco*. (2016). Print. Δ

Journal Paper: Robinson, R. J., et al. "Electronic Cigarette Topography in the Natural Environment to Quantify User-Specific Emissions." *PLOS One* 10. 6 (2015): 129-296. Web. *

Journal Paper: Pagano, T., et al. "Determination of Nicotine Content and Delivery in Disposable Electronic Cigarettes by GC-MS." *Nicotine and Tobacco Research*. (2015): 752. Web. *

Journal Paper: Gerloff, J. and I. K. Sundar. "Inflammatory Response by Different E-cigarette Flavoring Chemicals Identified by GC-MS in E-liquids and E-vapors on Human Lung Epithelial Cells and Fibroblasts." *AIVT*. (2016): 30. Print. *

Published Conference Proceedings: Hensel, Edward and Risa Robinson. "Engineering Innovations for Global Sustainability." *Proceedings of the 114th LACCEI International Multi-Conference for Engineering, Education, and Technology*. Ed. LACCEI. San Jose, Costa Rica: n.p., 2016. Print. ~

Journal Paper: Robinson, R.J., et al. "Week Long Topography Study of Young Adults Using Electronic Cigarettes in Their Natural Environment." *PLOS One* 13. 11 (2016): 10. Web. *

Robert J Stevens, Associate Professor

Journal Paper: Schrlau, Michael G., Robert J Stevens, and Sara Schley. "Advances in Engineering Education Flipping Core Courses in the Undergraduate Mechanical Engineering Curriculum : Heat Transfer." *Advances in Engineering Education* 5. 3 (2016): 1-27. Print. *

Published Conference Proceedings: Huselstein, Samantha, Steven J. Weinstein, and Robert J. Stevens. "Prototype and Model of Passive Tropical Fruit Dryer Utilizing a Flexible Transpired Solar Collector." Proceedings of the Global Humanitarian Technology Conference. Ed. IEEE. Seattle, WA: n.p., Web. *

Benjamin Varela, Associate Professor

Journal Paper: Ellis, Kathleen, et al. "Modeling Setting Time and Compressive Strength in Sodium Carbonate Activated Blast Furnace Slag Mortars using Statistical Mixture Design." Cement and Concrete Composites 74. (2016): 1-6. Web. *

Published Conference Proceedings: Ellis, Kathleen and Benjamin Varela. "Comparative Life Cycle Analysis of Sodium Carbonate Activated Blast Furnace Slag Concrete and Portland Cement Based Concrete." Proceedings of the IIE Annual Conference and Exposition 2016. Ed. MD sarder, Hui Yang, and Zhenyu Kong. San Francisco, California: n.p., Web. «

Peer Reviewed/Juried Poster Presentation: Alharbi, Najat, Richard K. Hailstone, and Benjamin Varela. "TEM and SEM Characterization of Alkali Activated Slag." Proceedings of the Microscopy and Microanalysis 2016 Meeting. Ed. Mike Marko, et al. Columbus, Ohio: n.p., Web. £

P Venkataraman, Associate Professor

Published Conference Proceedings: Venkataraman, P. "DATA DRIVEN PARAMETRIZATION FOR FLEXIBLE AIRFOILS AND PREDICTIVE AERODYNAMICS, DETC2016-59289." Proceedings of the ASME 36th Computers and Information in Engineering Conference, August 21-24, 2016, Charlotte NC. Ed. ASME. Charlotte, NC: ASME, Print. «

Published Conference Proceedings: Venkataraman, P. "APPROXIMATE ANALYTICAL SOLUTIONS TO NONLINEAR INVERSE BOUNDARY VALUE PROBLEMS, DETC2016-59306." Proceedings of the ASME 36th Computers and Information in Engineering Conference, August 21-24, 2016, Charlotte NC. Ed. ASME. Charlotte, NC: ASME, Print. «

MICROSYSTEMS ENGINEERING

Parsian Katal Mohseni

Journal Paper: Song, Yi, et al. "Ultra-high Aspect Ratio InP Junctionless FinFETs by a Novel Wet Etching Method." IEEE Electron Device Letters 37. (2016): 970-973. Print. *

Journal Paper: Qu, Jiangtao, et al. "Direct Observation of Dopants Distribution and Diffusion in GaAs Planar Nanowires with Atom Probe Tomography." ACS Applied Materials & Interfaces 8. (2016): 26244-26250. Web. *

Journal Paper: Kong, Lingyu, et al. "Evidences for Redox Reaction Driven Charge Transfer and Mass Transport in Metal-assisted Chemical Etching of silicon." Scientific Reports - Nature 6. (2016): 36582-13. Web. *

Published Conference Proceedings: Li, Xiuling, et al. "III-V Nanowires and Nano fins: Growth, Etching, and Devices." Proceedings of the International Conference on Solid State Devices and Materials. Ed. S. Iwamoto. Tskuba, Ibaraki, Japan: n.p., Print.

ACADEMIC AFFAIRS

Marianne Gustafson, Professor

Uninvited Presentations: Gustafson, Marianne, Ronald Kelly, and Larry Scott. "Self-Perceptions of Communication by Deaf/HOH Adolescents as a Tool for SLPs and Audiologists." New York State Speech-Language-Hearing Association Annual Convention: The Opportunities of Change-Together Towards Tomorrow. New York State Speech-Language-Hearing Association. Saratoga Springs, NY. 8 Apr. 2016. Poster Session. *

Kathryn Schmitz, Associate Professor

Uninvited Presentations: Schmitz, Kathryn L. "Preparing For Publication in a Peer-Reviewed Journal." Biennial Convention. Alexander Graham Bell Association for the Deaf. Denver, CO. 30 Jun. 2016. Conference Presentation. ~

Uninvited Presentations: Schmitz, Kathryn L. and Elissa Weeden. "Using Web Conferencing Technology to Foster Inclusive Course Experiences for Deaf Students." Postsecondary Training Institute. AHEAD / pepnet2. Indianapolis, IN. 14 Jul. 2016. Poster Session. ~

Journal Paper: Marschark, Marc, et al. "Social maturity and executive function among deaf learners." *Journal of Deaf Studies and Deaf Education*. (2016): 1-13. Web. «

Journal Editor: Schmitz, Kathryn L., ed. *The Volta Review*. Washington, DC: Alexander Graham Bell Association for the Deaf, 2016. Web. «

AMERICAN SIGN LANGUAGE AND INTERPRETING EDUCATION

Joseph C Hill

Book Chapter: McCaskill, Carolyn, et al. "Citizenship and Education: The Case of the Black Deaf Community." *In Our Own Hands: Essays in Deaf History 1780 - 1970*. Ed. Brian H. Greenwald and Joseph J. Murray. Washington, DC: Gallaudet University Press, 2016. 40-60. Print. Δ

Book Chapter: Lucas, Ceil, et al. "Sociolinguistics: Black American Sign Language." *The Deaf Studies Encyclopedia*. Ed. Patrick Boudreault and Genie Gertz. Thousand Oaks, CA: Sage Publications, Inc., 2015. 900-903. Print. Δ

Invited Article/Publication: Hill, Joseph. "Signing Differently: Dialects of American Sign Language in NC." *Tar Heel Junior Historian*. (2016). Print. Δ

Kim Kurz, Assistant Professor

Uninvited Presentations: Miraglia, Kathy, Kim Kurz, and Campbell McDermid. "MS in Health Care Interpretation." 2016 Conference of Interpreter Trainers. Conference of Interpreter Trainers. Lexington, KY. 29 Oct. 2016. Poster Session. *

Invited Keynote/Presentation: Kurz, Kim. "Impact of Internalizing Audism on Deaf Students' Resilience." *American Sign Language & Deaf Studies Program*. University of Rochester. Rochester, NY. 1 Mar. 2016. Lecture.

Invited Keynote/Presentation: Kurz, Kim B. "Deaf Children's Comprehension of Direct & Interpreted Education." *National Deaf Education Conference*. National Association of the Deaf. Phoenix, AZ. 6 Jul. 2016. Conference Presentation. Δ

Uninvited Presentations: Kurz, Chris and Kim Kurz. "Mathematical Literacy Citizenship: Deaf and Hard-of-Hearing Experience." 13th International Congress on Mathematical Education. International Congress on Mathematical Education. Hamburg, Germany. 27 Jul. 2016. Conference Presentation. *

Jason D Listman, Assistant Professor

Uninvited Presentations: Listman, Jason. "The Use of L1 as a Tool to Teach L2 American Sign Language (ASL)." American Council on the Teaching of Foreign Language Annual Convention & World Languages Expo. American Council on the Teaching of Foreign Language. Boston, MA. 20 Nov. 2016. Conference Presentation. Δ

Journal Paper: Listman, Jason D. and Jeannine Dingus-Eason. "How to be Deaf Scientists: Building Navigational Capital." Journal of Diversity in Higher Education. (2016): 16. Web. *

Journal Paper: Kurz, Kim, Peter C Hauser, and Jason D Listman. "Work related resilience: Deaf professionals' perspective." Journal of ADARA. (2016): 24. Web. «

Uninvited Presentations: Kurz, Kim and Jason D Listman. "Deaf Professionals' Resilience Characteristics." ASL Lecture Series. NTID. Rochester, NY. 16 Sep. 2015. Lecture.

Campbell A McDermid, Assistant Professor

Published Conference Proceedings: McDermid, Campbell, et al. "The impact of Groupthink within interpreter cohorts." Proceedings of the The impact of Groupthink within interpreter cohorts. Ed. Isabelle Heyerick & Suzanne Ehrlich. London, United Kingdom: World Association of Sign Language Interpreters, Print. *

Invited Keynote/Presentation: Finton, Lynn and Campbell McDermid. "Redefining Miscues: Strategies for constructing English target texts." Out of the Gate – Towards the Triple Crown. Conference of Interpreter Trainers. Lexington, Kentucky. 27 Oct. 2016. Conference Presentation. *

Invited Keynote/Presentation: McDermid, Campbell. "Conceptualizing meaning or "sense": A theoretical foundation for strategies, instruction and assessment." It's all Greek to me. Versatility in the Sign Language Interpreting Profession. European Forum of Sign Language Interpreters. Athens, Greece. 10 Sep. 2016. Conference Presentation. *

Invited Keynote/Presentation: McDermid, Campbell, Kathleen Holcombe, and Lisanne Houkes. "Groupthink within interpreter cohorts." Critical Link 8. Critical Link. Edinburgh, Scotland. 30 Jun. 2016. Conference Presentation. *

Invited Keynote/Presentation: McDermid, Campbell. "Producing Cohesive Target Texts." Together We Grow. Association of Visual Language Interpreters of Canada. Fredericton, NB. 13 Jul. 2016. Conference Presentation. *

Invited Keynote/Presentation: McDermid, Campbell. "Defining meaning or "sense:" Levels of processing." Together We Grow. Association of Visual Language Interpreters of Canada. Fredericton, NB. 13 Jul. 2016. Conference Presentation. *

Invited Keynote/Presentation: McDermid, Campbell. "Creating cohesive target texts in educational interpreting." Using a Visual Language to Close the Gap. California Educators for the Deaf and Hard of Hearing. Fresno, California. 27 Feb. 2016. Conference Presentation. *

Journal Paper: McDermid, Campbell, Finton, Lynn, and Chasney, Alexis. "Contextualized Recognition of Fingerspelled Words." Journal of Interpretation 25. 1 (2016): 1-23. Web. *

Invited Keynote/Presentation: McDermid, Campbell. "Central image or stage: Making the implicit explicit." Mount Aloysius Second Biennial Interpreting Conference. Mount Aloysius College. Cresson, PA. 12 Apr. 2015. Conference Presentation. *

FEATURED FACULTY

JOSEPH C. HILL, ASSISTANT PROFESSOR IN THE DEPARTMENT OF AMERICAN SIGN LANGUAGE AND INTERPRETING EDUCATION AT NATIONAL TECHNICAL INSTITUTE FOR THE DEAF.

Dr. Hill focuses on the language attitudes in the American deaf community and the African American socio-linguistic and historical aspects of American Sign Language.

His research interests are the African American socio-historical and -linguistic aspects of American Sign Language and the language attitudes and ideologies about signing varieties in the American Deaf community. His contributions include the Gallaudet University Press volumes, *The Hidden Treasure of Black ASL: Its History and Structure* (2011) which he co-authored with Carolyn McCaskill, Ceil Lucas, and Robert Bayley and *Language Attitudes in the American Deaf Community* (2012). Following *The Hidden Treasure*, Dr. Hill is currently conducting an ethnographic study of multi-generational Black Deaf families in the United States. The study is to address the gap in the family research literature on the communication, educational, and social contexts of African-American deaf and hard-of-hearing families. Over 15 families were interviewed in American Sign Language by Dr. Hill and his Gallaudet University colleague, Dr. Carolyn McCaskill, and the interviews were videorecorded and then later transcribed in English. The video transcripts are currently reviewed by deaf and hearing student assistants to ensure the accuracy of the transcription before doing a qualitative analysis.

The purpose of such analysis is to discover common themes related to communication, education, and social contexts that may be unique at the intersection of race and deafness for the Black Deaf families. Dr. Hill believes that researchers must apply their intersectional lens to understand the social and educational issues affecting the diverse population of deaf and hard of hearing people whose lives are continually defined by their identities and their backgrounds.

Joseph C. Hill

Assistant Professor

National Technical Institute for the Deaf



Invited Keynote/Presentation: McDermid, Campbell. "Agentless passive voice-clarifying reference to achieve more cohesive target texts." Mount Aloysius 2nd Biennial Interpreting Conference. Mount Aloysius College. Cresson, PA. 11 Apr. 2015. Conference Presentation. *

Christine Monikowski, Professor

External Scholarly Fellowships/National Review Committee:

6/1/2016 -

6/22/2016

Trinity College Dublin, Arts & Humanities Research Institute

Amount: \$15,000.

Robert Pollard

Invited Keynote/Presentation: Dean, Robyn K. and Robert Q Pollard Jr. "Mental health interpreting: Work strategies for a practice profession." Mental health interpreter training. Alabama Dept. of Mental Health. Montgomery, AL. 26 Jul. 2016. Guest Lecture. ≠

Invited Keynote/Presentation: Dean, Robyn K. and Robert Q Pollard Jr. "A practice profession approach to mental health interpreting." Mental health interpreter training. St. Luke's Hospital. Cedar Rapids, IA. 7 May 2016. Lecture.

ART AND IMAGING STUDIES

David S Cohn, Associate Professor

Invited Keynote/Presentation: Cohn, David. "Digital Printing Overview." Printing Operations Management Training Program. Aller Media (Stockholm, Sweden). Rochester, NY. 30 Oct. 2015. Conference Presentation.

Paula Grcevic, Professor

Shows/Exhibits/Installations: Grcevic, Paula. The Sketchbook Project 2016 World Tour: Sandwich. 1st Jul. 2016. Brooklyn Art Library, Brooklyn. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Tulips. 4 Jun. 2016. International Exhibition 6x6x2016, Rochester Contemporary Art Center, Rochester. Exhibit.

Shows/Exhibits/Installations: Grcevic, Paula. Winter Squashes. 2 Dec. 2016. 26th Annual Members Exhibition, Rochester Contemporary Art Center, Rochester. Exhibit.

Laural K Hartman

Shows/Exhibits/Installations: Hartman, Laural. Dirtybeardpress. 10 Sep. 2016. Clothesline Festival - Juried at the Memorial Arts Gallery, Rochester. Exhibit.

Shows/Exhibits/Installations: Hartman, Laural. Dirtybeardpress. 18 Dec. 2016. The Artist Row, Rochester. Exhibit.

Eric Kunsman

Shows/Exhibits/Installations: Kunsman, Eric T. West Palm Beach, Florida. 6 May 2016. Center for Fine Art Photography, Fort Collins, CO. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. July 4th Palmyra, NY. 1 Apr. 2016. Southeast Center for Photography, Greenville, SC. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. July 4th Palmyra, NY. 19 Sep. 2016. The Gallery at Mercer County Community College, MCCC Arts at 50, West Windsor, NJ. Exhibit. Δ

National/International Competition Award

Winner: Kunsman, Eric T. Allegany Arts Council's Saville Gallery. Honorable Mention for Best Black & White Print. Cumberland, MD, 2016. *

National/International Competition Award

Winner: Kunsman, Eric T., Rachael Hetzell, and Erich Lehman. American Advertising Awards. Gold Award, Rochester, NY- Synthesis Collaborate, Publication Design/Book Design. Rochester, NY, 2016. «

National/International Competition Award

Winner: Kunsman, Eric T., Rachael Hetzell, and Erich Lehman. American Advertising Awards. Silver Award, District 2- Synthesis Collaborate, Publication Design/Book Design. Philadelphia, PA, 2016. «

Grants: Kunsman, Eric T. (2016). Provost Lecturer Professional Development Grant. Grant received/funded by Wallace Center at RIT, RIT. «

Shows/Exhibits/Installations: Kunsman, Eric T. A 9/11 Project, Reflections & Memories. 5 Aug. 2016. Gallery R, Rochester, NY. Exhibit. ~

Shows/Exhibits/Installations: Kunsman, Eric T. A 9/11 Project, Reflections & Memories. 9 Sep. 2016. Sunken Gallery at the Wallace Center, Rochester, NY. Exhibit. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Color Management for Photographers." School of Photographic Arts & Sciences Workshop Series. Rochester Institute of Technology. Rochester, NY. 13 Jul. 2016. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Digital Printing Press Technologies." Digital Bootcamp. Printing Applications Lab at RIT. Rochester, NY. 17 Aug. 2016. Lecture. ~

Shows/Exhibits/Installations: Kunsman, Eric T. A 9/11 Project, Reflections & Memories. 9 Sep. 2016. Democrat and Chronicle Gallery, Rochester, NY. Exhibit. ~

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art... Will Give.... 3 Dec. 2016. College of Liberal Arts at the Rochester Institute of Technology, Rochester, NY. Exhibit. «

Invited Keynote/Presentation: Kunsman, Eric T. "Wide Format Printing Technology." Digital Bootcamp. Printing Applications Lab at RIT. Rochester, NY. 18 Aug. 2016. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Digital Printing Processes." Industry training for International Paper. Printing Applications Lab at RIT. ROCHESTER, NY. 15 Oct. 2016. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Teaching in the Midst of Tragedy." A 9/11 Project, Reflections & Memories. Wallace Center at RIT. Rochester, NY. 14 Sep. 2016. Lecture. ~

Shows/Exhibits/Installations: Kunsman, Eric T. The Drapery. n.d. Allegany Arts Council's Saville Gallery, Cumberland, MD. Exhibit. *

Invited Keynote/Presentation: Kunsman, Eric T. "Digital Printing Processes for Forensics Identification." Security Print Technology Workshop. Printing Applications Lab at RIT. Rochester, NY. 15 Oct. 2016. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Printing Processes." Print Academy. Flower City Printing. Rochester, NY. 10 May 2016. Lecture. ~

Invited Keynote/Presentation: Kunsman, Eric T. "Print Buyers Vs. Print Sellers." Print Academy. Flower City Printing. Rochester, NY. 10 May 2016. Lecture. ~

Shows/Exhibits/Installations: Kunsman, Eric T. Emerge. 25 Mar. 2016. Midwest Center for Photography, Wichita, KS. Exhibit. *

Sidonie M Roepke, Professor

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Not So Straight Lines. Nov. 2015. Buenaventura Art Association, Ventura, CA. Exhibit. £

National/International Competition Award Winner: Roepke, Sidonie Merkel. Buenaventura Art Association. Honorable Mention. Ventura, CA, 2016. £

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Haddam Farm Redux. Jun. 2016. University Gallery, RIT, Rochester, NY. Exhibit. £

National/International Competition Award Winner: Roepke, Sidonie Merkel. International Society of Experimental Artists. International Society of Acrylic Painters. Bethlehem, PA, 2016. £

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Criss-Cross. May 2016. Banana Factory, Crayola Gallery, Bethlehem, PA. Exhibit. £

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Paisley Spin. Nov. 2015. Buenaventura Art Association, Ventura, CA. Exhibit. £

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Concealment. Jun. 2016. Dyer Arts Center, Rochester, NY. Exhibit. £

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Secrets Kept. Jun. 2016. Dyer Arts Center, National Technical Institute for the Deaf, Rochester, NY. Exhibit. £

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Slip Slide. Dec. 2015. Rochester Contemporary Art Center, Rochester, NY. Exhibit. £

Shows/Exhibits/Installations: Roepke, Sidonie Merkel. Ornamental Spiral. Nov. 2015. Mill Art Art Center & Gallery, Honeoye, NY. Exhibit. £

Ernest J Roszkowski

Shows/Exhibits/Installations: Roszkowski, Ernest. Visual Designer. By Carolina Salaverria. 7 May 2016. Imagine RIT 2016. 1 Lomb Memorial Drive, Rochester, NY 14624, Rochester. Exhibit. £

ASL TRAINING AND EVALUATION

Geoff Poor, Professor

Published Game, Application or Software: Director, Geoffrey S. Poor, Project, et al. STEM Signs Dictionary Project. Software. DeafTEC, NTID. 2016. ≠

ASLIE - RESEARCH

Peter Hauser, Professor

Journal Paper: Clark, D. M., et al. "The importance of early sign language acquisition for Deaf readers." Reading and Writing Quarterly 32. (2016): 127-151. Print. *

Journal Paper: Hauser, P. C., et al. "American Sign Language Comprehension Test." Journal of Deaf Studies and Deaf Education. (2016): 1-10. Print. *

Journal Paper: Stone, A., et al. "Fingerspelling as a Gateway into Reading Fluency in Deaf Bilinguals." Public Library of Science ONE. (2016): 1-12. Web. £

Journal Paper: Hirshorn, A. E., et al. "The contributions of phonological knowledge, memory, and language background to reading comprehension in deaf populations." Frontiers in Psychology 6. 1153 (2015): 1-16. Web. £

Journal Paper: Twitchell, P., J. P. Morford, and P. C. Hauser. "Effects of SES on literacy development of Deaf signing bilinguals." American Annals of the Deaf 159. (2015): 433-446. Print. * £

BUSINESS STUDIES

Alvin C Boyd

Dissertation/Thesis: III, Alvin C. Merritt Boyd., "Experiences and Perceptions of Full-Time, Non-Tenure-Track Faculty at a Four-Year University." Diss. St. John Fisher College, 2016. Print.

Charlotte L Thoms, Associate Professor

Book Chapter: Burton, Sharon L, et al. "Developing Learner Skills in the 21st Century." Teaching with Team Projects in Higher Education. Ed. Janice Whatley and Chrissi Nerantzi. Santa Rosa, CA: Informing Science Press, 2016. 131-140. Print. *

Journal Paper: Thoms, Charlotte LV and Sharon L. Burton. "Learning, Development, and Training: The Influence of Synergies through Educational Evolution." International Journal of Adult Vocational Education and Technology 7. 4 (2016): 85-105. Web. *

COMMUNICATION STUDIES AND SERVICES

Catherine Clark, Associate Professor

Journal Paper: Gottermeier, Linda, Carol De-Filippo, and Catherine Clark. "Trials of a Contralateral Hearing Aid After Long-Term Unilateral Cochlear Implant Use in Early-Onset Deafness." American Journal of Audiology. (2016): 1-15. Print. *

COUNSELING AND ACADEMIC ADVISING SERVICES

Mark J Rosica, Associate Professor

Journal Paper: Marschark, Marc, et al. "Social Maturity and Executive Functioning Among Deaf Learners." Journal of Deaf Studies and Deaf Education 22. (2016): 1-10. Print. «

CULTURAL AND CREATIVE STUDIES

Luane Haggerty, Senior Lecturer

Invited Paper: Haggerty, Luane Davis. "Deaf Leadership style in Theater found Day by day." International Leadership Association Field Notes. (2016). Web. Δ

Deirdre Schlehofer, Assistant Professor

Journal Paper: Schlehofer, Deirdre and Isaiah J. Tyler. "Errors in Second Language Learners' Production of Phonological Contrasts in American Sign Language." International Journal of Language and Linguistics 3. 2 (2016): 30-38. Print. *

Invited Keynote/Presentation: Schlehofer, Deirdre. "In what direction is literary theory of American Sign Language evolving?" 2016 Presidential Theme: Literature and Its Publics: Past, Present, and Future. Modern Language Association of America. Austin, TX. 9 Jan. 2016. Conference Presentation. *

Invited Keynote/Presentation: Schlehofer, Deirdre. "What we can learn from analyzing ASL poetry through literary criticism." Society for American Sign Language: Celebration of Sign Language Symposium: Revisiting Language, Literacy, and Performing Arts. Towson University. Towson, MD. 21 Nov. 2015. Conference Presentation.

Uninvited Presentations: Tyler, Isaiah J. and Deirdre Schlehofer. "Preliminary Analysis of Second Language (L2) Learners' Discrimination of Phonological Contrasts in ASL." 2016 Scholarship Symposium. National Technical Institute for the Deaf. Rochester, New York. 21 Jan. 2016. Poster Session.

Invited Keynote/Presentation: Lapham, Amy, et al. "Health Perceptions of Deaf and Hard-of-Hearing Female College Students." UNYTE Translational Research Network Scientific Session: Transforming Population Health Research: Advances, New Methods, and Community Partnerships (Best Faculty Poster Presentation Award). Clinical & Translational Science Institute, University of Rochester Medical Center. Rochester, NY. 3 Dec. 2015. Conference Presentation. *

Uninvited Presentations: Bempong, Joan and Deirdre Schlehofer (Faculty Mentor). "Identifying barriers and perceptions regarding health among Deaf and Hard-of-Hearing Female College Students." 25th RIT Undergraduate Research Symposium. RIT. Rochester, NY. 5 Aug. 2016. Conference Presentation.

ENGINEERING STUDIES

Pamela M Berkeley

Grants: Le, Viet Quang, et al (2016-2017). Teaching Molecular Shapes through Interactive Models to Deaf and Hard-of-Hearing Students. Grant received/funded by PLIG, RIT Office of the Provost.

Grants: Berkeley, Pamela, et al (2016). The Gamification of Entropy: Can an Educational Video Game Promote Scientific Intuition and Equitably Improve Student Learning? Grant proposal submitted to Improving Undergraduate STEM Education, NSF. * ≠

Uninvited Presentations: Berkeley, Pamela. "Feeding Hungry Minds." 20/20 Research in Focus. RIT. Rochester, New York. 9 Nov. 2016. Lecture.

Uninvited Presentations: Beiter, Jeriann. "?" Undergraduate Research Symposium 2016. RIT Honors Program. Rochester, New York. 30 Apr. 2016. Conference Presentation.

Uninvited Presentations: Berkeley, Pamela. "Energy Modelers: Teaching Students and Learning from Them." NTID Scholarship Symposium. NTID. Rochester, New York. 21 Jan. 2016. Poster Session. ~

Published Conference Proceedings: Sunter, Deborah, Pamela Berkeley, and Dan Kammen. "City-Integrated Photovoltaics to Satisfy Urban Transportation Energy Needs." Proceedings of the 22nd International Conference on Urban Transport and the Environment. Ed. A. Galiano-Garrigos and C.A. Brebbia. Crete, Greece: WIT Press, 2016. Web. *

Grants: Pagano, Todd, Pamela Berkeley, and Kurt Stoskopf (2016-2017). Perkins IV Formula Funding, 2016-2017. Grant received/funded by Carl D. Perkins Career & Tech Education (CTEA), NYSED/US Dept of Education. ≠

Uninvited Presentations: Khan, Sarah. "Making Engineering Books as Interesting as Instagram." RIT's Annual Summer Undergraduate Research Symposium. RIT. Rochester, New York. 30 Aug. 2016. Poster Session.

Dino J Laury (Lauria), Assistant Professor

Dissertation/Thesis: Laury, Dean J. "Which Associate Degree Programs Should NTID's Department of Engineering Studies Offer? A Decision-Analysis Dissertation." Diss. University of Rochester, 2016. Print. ~

LIBERAL STUDIES

Matthew W Dye

Grants: Dye, Matthew W, Matt Huenerfauth, and Kim B Kurz (2016-2017). The Validity of Avatar Stimuli for Psycholinguistic Research on ASL. Grant received/funded by SPDI, NTID. ≠

Grants: Dye, Matthew W and Peter C Hauser (2016-2019). Development of Temporal Visual Selective Attention in Deaf Children. Grant received/funded by BCS Development and Learning Sciences, NSF. ≠

Invited Keynote/Presentation: Dye, Matthew W. "Reconceptualizing the deaf child as multi-modal and multilingual." Multimodal Multilingual Outcomes in Deaf and Hard-of-Hearing Children. Stockholm University. Stockholm, Sweden. 13 Jun. 2016. Conference Presentation.

Grants: Dye, Matthew W (2015-2016). CNIC: U.S.-Swedish Workshop on Assessment of Multimodal Multilingual Outcomes in Deaf and Hard-of-Hearing Children. Grant received/funded by OISE, NSF. ≠

Journal Paper: Seymour, Jenessa L, et al. "Reorganization of neural systems mediating peripheral visual selective attention in the deaf: An optical imaging study." *Hearing Research*. (2016): 1. Print. *

Invited Keynote/Presentation: Dye, Matthew W. "The consequences of deafness for human vision: sensory compensation and adaptation." School of Medicine Colloquium. Virginia Commonwealth University. Richmond, Virginia. 8 Apr. 2016. Guest Lecture.

Invited Keynote/Presentation: Dye, Matthew W. "Temporal processing in the deaf: auditory and linguistic contributions to the mental metro-nome." FPSE Seminar. University of Geneva. Geneva, Switzerland. 20 Oct. 2016. Guest Lecture.

Uninvited Presentations: Dye, Matthew W, et al. "Emotional face processing in hearing and deaf bilinguals." Annual Meeting. Psychonomics Society. Boston, MA. 18 Nov. 2016. Conference Presentation. *

Journal Paper: Lao, Junpeng, et al. "Mapping the recognition of facial expression of emotions in deafness." *Journal of Vision* 16. (2016): 1391. Web. *

Grants: Dye, Matthew (2015-2016). Supplement: CNIC: U.S.-Swedish Workshop on Assessment of Multimodal Multilingual Outcomes in Deaf and Hard-of-Hearing Children. Grant received/funded by OISE, NSF. * ≠

Manuscripts Submitted for Publication: Pelczarski, Kristin, et al. "Delayed phonological Encoding in Stuttering: Evidence from Eye Tracking." 17 Oct. 2016. TS - typescript (typed). *

Kathleen Eilers-crandall, Associate Professor

Journal Paper: Albertini, John A., et al. "Englischunterricht mit Gehörlosen in Myanmar: Fokus auf Interaktion und Dialog Journal." *Praxis Sprache*. 2 (2016): 90-95. Print. £

Pamela Kincheloe, Associate Professor

Journal Paper: Kincheloe, Pamela. "The Hand of the Silent Worker: an ASL Imageword." *Disability Studies Quarterly* 36. 2 (2016): 1-10. Web. «

Journal Paper: Kincheloe, Pamela. "Depictions of Printing in Deaf Periodicals." *American Printing History Association Website*. (2016): 1-10. Web. *

LIBERAL STUDIES - RESEARCH

Gerald Berent, Professor

Invited Paper: Berent, G. P., et al. "Implications of new verb knowledge research for teaching English to deaf students." *Association of Deaf Educators—Deaf & Hard of Hearing*. (2016). Print. *

Internal Reports/Manuscripts/Articles: Berent, Gerald P. "Variation in Deaf and Hard-of-Hearing College Students' Knowledge of Previously Unexplored English Language Properties: Implications for Reading Comprehension and Written Expression" [National Technical Institute for the Deaf]. Rochester, NY: National Technical Institute for the Deaf, Rochester Institute of Technology, Mar. 2016. Print. Δ

Peer Reviewed/Juried Poster Presentation: Berent, Gerald P. "New insights into deaf and hard-of-hearing students' English language challenges." Proceedings of the Poster Session for the Trustees of Rochester Institute of Technology. Ed. Provost. Rochester, NY: n.p.. Δ

Invited Paper: Berent, Gerald P. "Deaf and hard-of-hearing college students' acquisition of verb-driven English sentence structures: Methods for addressing the morphology challenge." Guest Lecture. (2016). Print.

Vincent J Samar, Associate Professor

Invited Article/Publication: Barnett, Steven, et al. "Collaboration with deaf communities to conduct accessible health surveillance." American Journal of Preventive Medicine. (2016). Print. Δ £

Grants: Huenerfauth, Matthew, et al (2016-2017). Development of Categorical Perception in Sign and Speech: Preliminary Investigations. Grant received/funded by Research Seed Funding, Golisano College of Computing and Information Sciences, Golisano College of Computing and Information Sciences. £

Grants: Prud'hommeaux, Emily, et al (2016-2017). Development of categorical perception in sign and speech: preliminary investigations. Grant received/funded by AdvanceRIT Connect Grants Program, RIT. £

Journal Paper: Smith, Scott R. and Vincent J. Samar. "Dimensions of Deaf/Hard-of-Hearing and Hearing Adolescents' Health Literacy and Health Knowledge." Journal of Health Communication 21. (2016): 141-154. Print. « £

Invited Keynote/Presentation: Samar, Vincent J., et al. "Adult bicultural deaf/hearing identity predicts adult and childhood health-related outcomes." Pacific Rim International Conference on Disability and Diversity. Center on Disability Studies. Honolulu, Hawaii. 25 Apr. 2016. Conference Presentation. £

Invited Keynote/Presentation: Samar, Vincent J., Steven Barnett, and Erika Sutter. "Childhood SES and life-style obesity intervention efficacy with deaf adults ages 40-70." 2nd Annual Rochester Global Health Symposium and UNYTE Scientific Session – Innovative Solutions to Combat Global Health Disparities. University of Rochester. Rochester, NY. 21 Apr. 2016. Conference Presentation. £ ~

Invited Keynote/Presentation: Parasnis, Ila, et al. "Attention Deficit Scales for Adults: Sign Language Version Shows Criterion and Predictive Validity and is Not Confounded by Deaf Cultural Identity." Pacific Rim International Conference on Disability and Diversity. Center on Disability Studies. Honolulu, Hawaii. 25 Apr. 2016. Conference Presentation. *

Invited Keynote/Presentation: Beach, Madeline, Vincent J. Samar, and Erika Sutter. "Deaf adults, weight loss and quality of life: Data analysis from the Deaf Weight Wise clinical trial." American Public Health Association Annual Meeting & Expo. American Public Health Association. Denver, CO. 31 Oct. 2016. Conference Presentation. « £

Grants: Samar, Vincent J. and James DeCaro (2015-2016). 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 CDC Prevention Research Centers, CDC. £

Invited Keynote/Presentation: Samar, Vincent J., et al. "Sitting Height: An Adult Correlate of Physical and Neurocognitive Growth Dysregulation by Early Childhood Adverse Events." 2016 NTID Scholarship Symposium. NTID. Rochester, NY. 21 Jan. 2016. Conference Presentation. £

Invited Keynote/Presentation: Polvere, Marissa, Ila Parasnis, and Vincent J. Samar. "Two ADHD Scales Used With Deaf Adults Are Not Confounded by Cultural Identity." 2016 NTID Scholarship Symposium. NTID. Rochester, NY. 21 Jan. 2016. Conference Presentation. £ ~

MSSE

Gerald Bateman, Professor

Internal Reports/Manuscripts/Articles: Ed.D., Gerald C. Bateman,. "Social Studies Education for the Deaf" Rochester: Master of Science in Secondary Education at NTID, 2017. Print.

Christopher Kurz, Associate Professor

Journal Paper: Higgins, Jennifer A., et al. "Development of American Sign Language for K-12 Academic Assessments." *Journal of Deaf Studies and Deaf Education*. (2016): 1-11. Print. «

Manufactured Product: Kurz, Christopher A.N. Academic language - Mathematics in ASL: Educational Interpreters as Language Scientists. DVD. Boys Town National Research Hospital. (2016).

Invited Keynote/Presentation: Kurz, Christopher A.N. "Learning Characteristics of Deaf Students." Deaf Education in Vietnam. Dong Nai University. Dong Nai, Vietnam. 12 May 2016. Keynote Speech.

Journal Paper: Mousley, Keith and Christopher Kurz. "Pre-College Deaf Students' Understanding of Fractional Concepts: What We Know and What We Do Not Know." *Journal of Science Education for Students with Disabilities* 18. 1 (2016): Article 7. Web. «

Invited Keynote/Presentation: Kurz, Christopher A.N. "STEM in Academic ASL." National Deaf Education Conference. National Association for the Deaf. Phoenix, AZ. 8 Jul. 2016. Keynote Speech.

Uninvited Presentations: Casoli, Toni, Jessica Trussell, and Christopher A.N. Kurz. "Science strategies for DHH students: A literature review." Association of College Educators of the Deaf and Hard of Hearing Conference. Association of College Educators of the Deaf and Hard of Hearing. New York, NY. 12 Feb. 2016. Poster Session. «

Uninvited Presentations: Michor, Peter, Christopher A.N. Kurz, and Gary Behm. "Game Development for Deaf Pioneer App." NTID Summer Research Symposium. NTID. Rochester, NY. 21 Jul. 2016. Poster Session. £

Uninvited Presentations: Kurz, Christopher A.N. "Tracing Deaf Human Bodies: Exploring the Origins and Spread of Deaf Education Across the United States." International Standing Conference for the History of Education. International Standing Conference for the History of Education. Chicago, IL. 19 Aug. 2016. Conference Presentation.

Uninvited Presentations: Kurz, Christopher A.N. and J. Matt Searls. "Deaf Human Bodies and Nineteenth Century Physical Education." International Standing Conference for the History of Education. International Standing Conference for the History of Education. Chicago, IL. 18 Aug. 2016. Conference Presentation.

Uninvited Presentations: Kurz, Christopher A.N. "Mathematical literacy citizenship: Deaf experience." International Council of Mathematical Education-13 Conference. International Council of Mathematical Education. Hamburg, Germany, GE. 28 Jul. 2016. Conference Presentation.

Invited Keynote/Presentation: Kurz, Christopher A.N. and Jeanne Reis. "ASL-English Literacy and STEM." In-service Professional Development for Teachers. Hawaii School for the Deaf and Blind. Honolulu, HI. 30 Nov. 2016. Lecture.

Uninvited Presentations: Kurz, Christopher A.N. "Mathematical literacy citizenship: Deaf experience." Association of College Educators of the Deaf and Hard of Hearing Conference. Association of College Educators of the Deaf and Hard of Hearing. New York, NY. 12 Feb. 2016. Conference Presentation. «

Uninvited Presentations: Lee, ChongMin, et al. "The relationships between self-regulated learning strategies and mathematics performance in DHH students." Association of College Educators of the Deaf and Hard of Hearing Conference. Association of College Educators of the Deaf and Hard of Hearing. New York, NY. 12 Feb. 2016. Conference Presentation. «

Uninvited Presentations: Lee, ChongMin, Christopher A.N. Kurz, and Keith Mousley. "Deaf students' understanding of fractions: Cognitive Based Assessment." Association of College Educators of the Deaf and Hard of Hearing Conference. Association of College Educators of the Deaf and Hard of Hearing. New York, NY. 13 Feb. 2016. Conference Presentation. «

Invited Keynote/Presentation: Kurz, Christopher A.N. and Jeanne Reis. "ASL-English Literacy Development in Science, Technology, Engineering and Math (STEM): How Many R's Are There?" In-Service Professional Development for Teachers - State of Massachusetts. The Learning Center for the Deaf. Framingham, MA. 22 Oct. 2016. Lecture.

Invited Keynote/Presentation: Kurz, Christopher A.N., Jeanne Reis, and Barbara Spiecker. "Documenting, creating, and sharing academic content in ASL." the 10th Annual American Sign Language RoundTable. Washington School for the Deaf. Vancouver, WA. 5 Nov. 2016. Conference Presentation.

Sara Schley, Associate Professor

Journal Paper: Schrlau, Michael G, Robert J. Stevens, and Sara Schley. "Flipping Core Courses in the Undergraduate Mechanical Engineering Curriculum: Heat Transfer." *Advances in Engineering Education*. Fall (2016): 1-27. Web. *

Jessica W Trussell

Manuscripts Submitted for Publication: Trussell, Jessica W., et al. "The Effects of Interactive Storybook Reading with Preschoolers who are Deaf or Hard of Hearing." 16 Aug. 2016. TS - typescript (typed). *

Manuscripts Submitted for Publication: Trussell, Jessica W., et al. "The Effects of Interactive Storybook Reading on the Word Meaning Knowledge of Preschoolers' who are Deaf or Hard-of-Hearing." 6 Oct. 2016. TS - typescript (typed). *

Journal Paper: Trussell, Jessica W. and Susan R. Easterbrooks. "Morphological Knowledge and Students who are Deaf or Hard-of-hearing: A Review of the Literature." *Communication Disorders Quarterly*. (2016): 1-11. Web. *

Grants: Trussell, Jessica W. (2016-2017). Morphology Instruction for DHH Students. Grant received/funded by Scholarship Portfolio Development Initiative (SPDI), Internal Funding- NTID.

Uninvited Presentations: Trussell, Jessica W., et al. "Interactive Storybook Reading and Picture Vocabulary: A Replication Study." Association of College Educators- Deaf/Hard of Hearing Conference. Association of College Educators- Deaf/Hard of Hearing. New York City, NY. 14 Feb. 2016. Conference Presentation. *

MSSE - RESEARCH

Lisa Elliot

Manuscripts Submitted for Publication: Stinson, Michael, Lisa Elliot, and Ronald Kelly. "Deaf and Hard-of-Hearing High School and College Students' Perceptions of Speech-to-Text and Interpreting/Note Taking Services and Motivation." 28 Nov. 2016. TS - typescript (typed). *

Ronald Kelly, Professor

Invited Paper: Berent, Gerald P., et al. "Implications of New Verb Knowledge Research for Teaching English to Deaf Students." The Association of College Educators - Deaf & Hard of Hearing (ACE-DHH). (2016). Print. * Δ

Ila Parasnis, Professor

Invited Keynote/Presentation: Parasnis, Ila, et al. "Attention Deficit Scales for Adults: Sign Language Version Shows Criterion and Predictive Validity and is Not Confounded by Deaf Cultural Identity." Pacific Rim International Conference on Disability and Diversity. Center on Disability Studies. Honolulu, Hawaii. 25 Apr. 2016. Conference Presentation. *

Invited Keynote/Presentation: Parasnis, Ila, Vincent J. Samar, and Marissa Polvere. "Two ADHD scales used with deaf adults are not confounded by cultural identity." 2016 NTID Scholarship Symposium. NTID, Rochester Institute of Technology. Rochester, NY. 21 Jan. 2016. Conference Presentation. ~

Sara Schley, Associate Professor

Journal Paper: Lynn, Matthew A., et al. "Deaf, Hard-of-Hearing, and Hearing students in a freshmen biology course: how the development of social learning styles and college experiences contribute to success." *Journal of Developmental and Physical Disabilities*, special issue on research on individuals who are Deaf or Hard of Hearing. (2016): 1-29. Web. *

Michael Stinson, Professor

Invited Keynote/Presentation: Stinson, Michael. "Access to mainstream classroom instruction through real-time text." Best Practice in Mainstream Education of Deaf and Hard-of-Hearing Students. National Technical Institute for the Deaf. Rochester, NY. 25 Jun. 2016. Keynote Speech. £

Invited Article/Publication: Stinson, Michael and Pamela Francis. "Speech-to-text in the classroom." *Raising and educating deaf children: Foundations for policy, practice, and outcomes.* (2016). Web. £

OFFICE OF THE PRESIDENT

Lisa Elliot

Invited Keynote/Presentation: Elliot, Lisa, James McCarthy, and Rebecca Murray. "The DHHVAC: A virtual academic community for students who are deaf or hard of hearing." Staff meeting, Onondaga Pathways to Careers Program. Onondaga Community College. Syracuse, NY. 12 Jul. 2016. Guest Lecture.

Uninvited Presentations: Murray, Rebecca and Lisa Elliot. "Help by Hangouts:." Postsecondary Disability Training Institute. U Conn. Philadelphia, PA. 9 Jun. 2016. Conference Presentation. *

Published Conference Proceedings: Elliot, Lisa B., et al. "Deaf and Hard of Hearing Individuals' Perceptions of Communication with Hearing Colleagues in Small Groups." *Proceedings of the ASSETS'16*, Reno NV. Ed. Jinjuan Heidi Fang, Matt Huenerfauth. New York, NY: ACM, 2016. Web. *

Uninvited Presentations: Elliot, Lisa and James McCarthy. "Striking a Match: Developing a Remote-Mentoring Program for College Students with Disabilities." Postsecondary Disabilities Training Institute. University of Connecticut. Philadelphia, PA. 10 Jun. 2016. Conference Presentation. *

Journal Paper: Gehret, Austin U., Lisa B. Elliot, and Jonathan H.C. MacDonald. "Active Collaborative Learning Through Remote Tutoring: A Case Study With Students Who Are Deaf or Hard of Hearing." *Journal of Special Education Technology*. (2016): 1-11. Web. *

Uninvited Presentations: Elliot, Lisa. "Analyzing User Engagement in a Private Social Media Educational Group." AIR Forum. Association for Institutional Research. New Orleans, LA. 1 May 2016. Poster Session. *

Uninvited Presentations: Elliot, Lisa. "Online Tutoring: Face-to-Face and Through a Lens." NTID Scholarship Symposium. NTID. Rochester, NY. 21 Jan. 2016. Conference Presentation. ~

Marc Marschark, Professor

Journal Paper: Marschark, M., T. Sarchet, and A. Trani. "Effects of hearing loss and sign language use on working memory." *Journal of Deaf Studies and Deaf Education* 21. (2016): 148-155. Print. «

Journal Paper: Albertini, J., M. Marschark, and P. Kincheloe. "Deaf students' reading and writing in college: Fluency, coherence, and comprehension." *Journal of Deaf Studies and Deaf Education* 21. (2016): 303-309. Print. «

Journal Paper: Dammeyer, J. and M. Marschark. "Level of educational attainment among deaf adults who attended bilingual-bicultural programs." *Journal of Deaf Studies and Deaf Education* 21. (2016): 394-402. Print. «

Journal Paper: Newman, I., et al. "Course Taking Effect on Postsecondary Enrollment of Deaf and Hard of Hearing Students." *Exceptionality*. (2016): 1-10. Print. «

Journal Paper: Marschark, M., et al. "Don't assume deaf students are visual learners." *Journal of Physical and Developmental Disabilities*. (2016): 1-20. Web. «

Journal Paper: Marschark, M., et al. "Social maturity and executive function among deaf learners." *Journal of Deaf Studies and Deaf Education* 2016. (2016): 1-20. Print. «

Robert Pollard

Journal Paper: S., Humphries, T, Kushalnagar, P., Mathur, G., Napoli, D.J., Padden, C., Rathmann, C., & Smith,. "Language choices for deaf infants: Advice to parents regarding sign languages." *Clinical Pediatrics* 55. 6 (2016): 513-517. Web. £

Scott R Smith

Journal Paper: Smith, Scott R. and Vincent J Samar. "Dimensions of Deaf/Hard-of-Hearing and Hearing Adolescents' Health Literacy and Health Knowledge." *Journal of Health Communication* 21. (sup 2) (2016): 141-154. Print. «
af Education 20. 4 (2015): 408-418. Print. «

Journal Paper: Kushalnagar, Poorna, et al. "Making Cancer Health Text on the Internet Easier to Read for Deaf People Who Use American Sign Language." *Journal of Cancer Education*. (2016): Epub ahead of print. Web. «

SCIENCE AND MATHEMATICS

Austin Gehret, Assistant Professor

Manuscripts Submitted for Publication: Gehret, Austin U., Lisa B. Elliot, and Jonathan MacDonald. "Active Collaborative Learning Through Remote Tutoring: A Case Study with Students who are Deaf or Hard of Hearing." 19 Apr. 2016. TS - typescript (typed). «

Published Conference Proceedings: Gehret, Austin U. "Using Pop-It Beads in the Classroom to Enhance Student Comprehension of Enzyme Catalysis and Reaction Rate." *Proceedings of the Experimental Biology 2016* (April 2-6, San Diego, CA). Ed. Thoru Pederson, PhD. Bethesda, MD: FASEB J 30 (Meeting Abstracts): 662.2, 2016. Web. £

Published Conference Proceedings: Kellogg, Courtney, et al. "Phenotypic studies of PHO13Δ in *Saccharomyces cerevisiae*." Proceedings of the Experimental Biology 2016 (April 2-6, San Diego, CA). Ed. Thoru Pederson, PhD. Bethesda, MD: FASEB J 30 (Meeting Abstracts): 1083.10, 2016. Web. £

Jane K Jackson, Assistant Professor

Grants: Marchetti, Carol, et al (2014-2018). Communication, Access, and Persistence Among Deaf and Hard Of Hearing Students in Foundational Statistics Courses. Grant proposal submitted to IUSE, NSF.

Bonnie Jacob, Assistant Professor

Uninvited Presentations: Jacob, Bonnie. "Discipline-based Undergraduate Research from a Teaching and Learning Perspective." NTID Scholarship Symposium. NTID. Rochester, NY. 21 Jan. 2016. Conference Presentation.

Uninvited Presentations: Henry, Carter and Michelle Mailhot. "Determining a Boolean Model for Human Lactation." NTID Student Research Fair. NTID. Rochester, NY. 15 Apr. 2016. Poster Session.

Journal Paper: Ansill, Thomas, et al. "Failed skew zero forcing on a graph." *Linear Algebra and its Applications* 509. (2016): 40-63. Print. *

Invited Keynote/Presentation: Jacob, Bonnie. "Failed skew zero forcing and two-set orderability of graphs." AMS Central Sectional Meeting, Special Session on Combinatorial Matrix Theory. American Mathematical Society. Minneapolis, MN. 28 Oct. 2016. Conference Presentation. Δ

Invited Keynote/Presentation: Jacob, Bonnie. "Undergraduate Research in Mathematics: What, Why, Who, Where, When, and How?!" Gallaudet University Science, Technology, and Mathematics Department Colloquium. Gallaudet University. Washington, DC. 1 Dec. 2016. Guest Lecture. Δ

Viet Q Le

Published Conference Proceedings: Le, Viet and Kandatege Wimalasena. "Novel Na⁺-independent Ca²⁺/dopamine/ MPP⁺ uptake system is present in dopaminergic cells." Proceedings of the 251th National Meeting of the American Chemical Society. San Diego, CA. 13, March 2016. Ed. American Chemical Society. San Diego, California: n.p., Web.

Journal Paper: Wimalasena, Nivanthika K., et al. "Gene Expression-Based Screen for Parkinson's Disease Identifies GW8510 as a Neuroprotective Agent." *ACS Chemical Neuroscience* 7. 7 (2016): 857-863. Print. ~

Published Conference Proceedings: Le, Viet Q. and Kandatege Wimalasena. "The role of calcium in the mechanism of N-methyl-4-phenylpyridinium (MPP⁺) toxicity toward dopaminergic cells." Proceedings of the 44th American Chemical Society Middle Atlantic Regional Meeting. Riverdale, NY. 11, June 2016. Ed. American Chemical Society. Riverdale, NY: n.p., Web.

Matthew Lynn, Associate Professor

Uninvited Presentations: Heinlein, James and Matthew A. Lynn. "TD-DFT Investigation of the Electronic Structure of Aggregated Squaraines." 25th Annual Undergraduate Research Symposium. Rochester Institute of Technology. Rochester, NY. 5 Aug. 2016. Conference Presentation.

Journal Paper: Lynn, Matthew A., et al. "Deaf, Hard-of-Hearing, and Hearing Students in an Introductory Biology Course: College Readiness, Social Learning Styles, and Success." *Journal of Developmental and Physical Disabilities*. (2016): 1-29. Print. «

Keith Mousley, Associate Professor

Published Conference Proceedings: Lee, Chong Min, Christopher Kurz, and Keith Mousley. "Deaf students' performance in Fraction, Decimal, and Percentages." Proceedings of the ACEDHH. Ed. Karen Krizter. New York City, New York: n.p., Web. Δ

Published Conference Proceedings: Mousley, Keith and Ronald Kelly. "Deaf students' understanding of factions: Cognitive Based Assessment." Proceedings of the ACEDHH. Ed. Karen Krizter. New York City, New York: n.p., Web. ~

Published Conference Proceedings: Mousley, Keith and Carol Marchetti. "Creating additional educational resources and developing novel pedagogical approaches for Deaf and Hard of Hearing Students who are taking Foundational STEM Courses." Proceedings of the CAID, June 27, 2016. Ed. Christina Yuknis. Wahington, DC: n.p., Web. *

Jason T Nordhaus, Assistant Professor

Journal Paper: Fuii, Yuka, et al. "Radio Emission from Red-giant Hot Jupiters." The Astrophysical Journal 820. 2 (2016): 15. Web. £

Journal Paper: Chen, Zhou, et al. "The creation of AGB fallback shells." Monthly Notices of the Royal Astronomical Society 457. 3 (2016): 3219-3224. Web. £

Journal Paper: Chen, Zhou, et al. "Three-dimensional hydrodynamic simulations of L2 Puppis." Monthly Notices of the Royal Astronomical Society 460. 4 (2016): 4182-4187. Web. £

Invited Keynote/Presentation: Nordhaus, Jason. "Gravitational Waves: Dawn of a New Era in Astrophysics." American Chemical Society. American Chemical Society. Rochester, New York. 26 Apr. 2016. Keynote Speech.

Invited Keynote/Presentation: Nordhaus, Jason. "Gravitational Waves: Dawn of a New Era in Astrophysics." STANYS. Science Teachers Association of New York State. Rochester, New York. 6 Oct. 2016. Keynote Speech.

Invited Keynote/Presentation: Nordhaus, Jason. "Common Envelope Evolution." International Astronomical Union Symposium. International Astronomical Union. Beijing, China. 12 Oct. 2016. Keynote Speech.

Invited Keynote/Presentation: Nordhaus, Jason. "Binary interactions on the post-main sequence." Colloquium. University of Western Ontario. London, Ontario, Canada. 6 Jun. 2016. Keynote Speech.

Grants: Nordhaus, Jason (2016-2019). Accretion to Outflow in Evolved Star Binaries: Disks in AGB, PPN and PN. Grant proposal submitted to NASA Hubble Space Telescope Cycle 24, NASA. ≠

Grants: Nordhaus, Jason (2016-2017). Orbital Decay in Evolving Multi-Body Systems. Grant proposal submitted to SPDI, NTID. ≠

Grants: Nordhaus, Jason (2016-2017). Physics for a Silent World. Grant proposal submitted to Education and Outreach Grant, American Physical Society. ≠

Grants: Jacob, Bonnie and Jason Nordhaus (2017-2020). REU Site: Summer Undergraduate Research for Students who are Deaf or Hard-of-Hearing in Applying Mathematical and Statistical Methods to Problems from the Sciences. Grant proposal submitted to REU, National Science Foundation. ≠

Published Conference Proceedings: Chen, Zhou, et al. "Mass transfer in asymptotic-giant-branch binary systems." Proceedings of the International Astronomical Union Symposium. Ed. X. Liu, L. Stanghellini, A. Karakas. London, UK: n.p., Print. £

Todd Pagano, Associate Professor

National/International Competition Award Winner: Pagano, Todd. STANYS. STANYS Award for Excellence in Teaching. Rochester, NY, 2016.

Journal Editor: Pagano, Todd, ed. Journal of Science Education for Students with Disabilities. Rochester: Science Education for Students with Disabilities, 2016. Web. *

Journal Paper: Smith, Susan B., Annemarie D. Ross, and Todd Pagano. "Chemical and Biological Research with Deaf and Hard-of-Hearing Students and Professionals: Ensuring a Safe and Successful Laboratory Environment." *Journal of Chemical Health and Safety* 23. 1 (2016): 24-31. Print. *

Journal Paper: Pagano, Todd, et al. "Determination of Nicotine Content and Delivery in Disposable Electronic Cigarettes Available in the United States by Gas Chromatography-Mass Spectrometry." *Nicotine & Tobacco Research* 18. 5 (2016): 700-707. Print. *

Invited Keynote/Presentation: Pagano, Todd. "Making Education and Careers in Chemistry Accessible and Successful for Deaf/Hard-of-Hearing Students." 251st American Chemical Society National Meeting. American Chemical Society. San Diego, California. 14 Mar. 2016. Keynote Speech. *

Uninvited Presentations: Smith, Susan B., et al. "Nutritional variation and antioxidant properties of wild fruits revealed through a fluorescence-based method." 251st American Chemical Society National Meeting. American Chemical Society. San Diego, California. 15 Mar. 2016. Poster Session. *

Uninvited Presentations: Pannullo, Nicole, et al. "Photophysical processes in measurements of natural organic matter using multidimensional fluorescence spectroscopy with parallel factor analysis." 251st American Chemical Society National Meeting. American Chemical Society. San Diego, California. 14 Mar. 2016. Poster Session. *

Uninvited Presentations: Pannullo, Nicole, Morgan Bida, and Todd Pagano. "Photophysical Processes in Measurements of Natural Organic Matter with Increasing Tannic Acid Additions using Multidimensional Fluorescence Spectroscopy." 61st Annual Rochester American Chemical Society Undergraduate Research Symposium. Rochester Section American Chemical Society. Pittsford, NY. 16 Apr. 2016. Poster Session. *

Uninvited Presentations: Kim, Christine, et al. "Fluorescence Characteristics and PARAFAC Modelling of Bitumen from Ancient Ceramics." 61st Annual Rochester American Chemical Society Undergraduate Research Symposium. Rochester Section American Chemical Society. Pittsford, NY. 16 Apr. 2016. Poster Session. *

Uninvited Presentations: Berroa, Elder, et al. "Comparison of Two Quantification Methods for Kjeldahl Protein Digestions of Wild Fruits." 1st Annual NTID Student Research Fair. NTID. Rochester, NY. 15 Apr. 2016. Poster Session. £

Uninvited Presentations: Kim, Christine, et al. "Fluorescence Characteristics and PARAFAC Modelling of Bitumen from Ancient Ceramics." 1st Annual NTID Student Research Fair. NTID. Rochester, NY. 15 Apr. 2016. Poster Session. £

Uninvited Presentations: Pannullo, Nicole, Morgan Bida, and Todd Pagano. "Photophysical Processes in Measurements of Natural Organic Matter with Increasing Tannic Acid Additions using Multidimensional Fluorescence Spectroscopy." 1st Annual NTID Student Research Fair. NTID. Rochester, NY. 15 Apr. 2016. Poster Session. £

Uninvited Presentations: Dominguez, Jonathan, et al. "Essential oil composition, antioxidant activity, and total phenolic content of *Eugenia samanensis* Alain, a unique species of Myrtaceae endemic to the Samaná Peninsula, Dominican Republic." 25th Annual RIT Undergraduate Research Symposium. RIT. Rochester, NY. 5 Aug. 2016. Poster Session. £

Uninvited Presentations: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith. "Making Education and Careers in Chemistry Accessible and Successful for Deaf/Hard-of-Hearing Students." 2016 Biennial Conference on Chemical Education (BCCE). American Chemical Society. Greeley, CO. 1 Aug. 2016. Conference Presentation. *

Uninvited Presentations: Pagano, Todd, et al. "Using a Narrative Approach in the Analytical Chemistry Laboratory: Exploring Nutmeg's Intriguing Place in History." 2016 Biennial Conference on Chemical Education. American Chemical Society. Greeley, CO. 2 Aug. 2016. Conference Presentation. *

Invited Keynote/Presentation: Pagano, Todd. "Making Education and Careers in Chemistry Accessible and Successful for Deaf/Hard-of-Hearing Students." Island 2016: 7th Annual Independence Science: Learning A New Direction Conference on Disability. Purdue University. West Lafayette, IN. 16 Sep. 2016. Keynote Speech. Δ

Invited Keynote/Presentation: Pagano, Todd and Annemarie D. Ross. "Deaf and hard-of-hearing professionals as valued members of your chemistry team." 252nd American Chemical Society National Meeting. American Chemical Society. Philadelphia, PA. 22 Aug. 2016. Keynote Speech. £

Grants: Le, Viet, et al (2016-2017). Teaching Molecular Shapes through Interactive Models to Deaf and Hard-of-Hearing Students. Grant received/funded by PLIG, RIT. £

Grants: Babbitt, Callie, et al (2016-2020). Managing Energy, Water, and Information Flows for Sustainability across the Advanced Food Ecosystem. Grant received/funded by INFEWS, NSF. ≠

Grants: Jacob, Bonnie, et al (2016-2020). Summer Undergraduate Research for Students who are Deaf or Hard-of-Hearing in Applying Mathematical and Statistical Methods to Problems from the Sciences. Grant proposal submitted to Mathematics REU, NSF. ≠

Grants: Robinson, Risa J., Irfan Rahman, and Todd Pagano (2016-2019). Topography, Constituents, and Toxicity of Waterpipe Tobacco Smoke under Realistic Conditions. Grant received/funded by DHHS, NIH. ≠

Grants: Pagano, Todd, Kurt Stoskopf, and Pamela Berkeley (2016-2017). Perkins IV Funding 2016-17. Grant received/funded by Perkins IV, NY State Dept. of Education. ≠

Vicki Robinson, Associate Professor

Uninvited Presentations: Robinson, Vicki. "Physics and Deaf College Students: Teaching In An Immersive Virtual Lab." World Congress On Special Needs Education Conference 2016. World Congress On Special Needs Education. Philadelphia, PA. 17 Aug. 2016. Poster Session. £

Annemarie Ross, Associate Professor

Journal Paper: Smith, Susan B, Annemarie D Ross, and Todd Pagano. "Chemical and Biological Research with Deaf and Hard-of-Hearing Students and Professionals: Ensuring a Safe and Successful Laboratory Environment." Journal of Chemical Health and Safety 23. 1 (2016): 24-31. Print. «

Uninvited Presentations: Ross, Annemarie D. "Using the ACS climate science toolkit to improve the understanding of climate science among deaf and hard-of-hearing laboratory science technology students." 251st ACS National Meeting. American Chemical Society. San Diego, California. 13 Mar. 2016. Lecture. *

Grants: Le, Viet, et al (2016-2017). Provost's Learning Innovation Grant. Grant received/funded by RIT Provost's Office, Rochester Institute of Technology. £

Uninvited Presentations: Ross, Annemarie D, et al. "Creating Equitable Access for Underrepresented STEM Students: Professors' Inroads Toward University Changes." 2016 Annual Meeting. National Association for Research in Science Teaching. Baltimore, MD. 16 Apr. 2016. Conference Presentation. «

Journal Paper: Lynn, Matthew A., et al. "Deaf, Hard-of-Hearing, and Hearing in an Introductory Biology Course: College Readiness, Social Learning Styles, and Success." Journal of Developmental and Physical Disabilities. (2016): 1-29. Web. «

Uninvited Presentations: Foster, Susan, et al. "Pushback! Responding to Challenges to Restricted Access Events: The Case of Deaf and Hard of Hearing Women Faculty." 2016 NSF ADVANCE/GSE Program Workshop. Association for Women in Science. Baltimore, MD. 24 May 2016. Conference Presentation. £

Invited Keynote/Presentation: Pagano, Todd and Annemarie D Ross. "Deaf and hard-of-hearing professionals as valued members of your chemistry team." 252nd American Chemical Society National Meeting. American Chemical Society. Philadelphia, PA. 22 Aug. 2016. Keynote Speech. £

Uninvited Presentations: Pagano, Todd, et al. "Using a Narrative Approach in the Analytical Chemistry Laboratory: Exploring Nutmeg's Intriguing Place in History." 2016 Biennial Conference on Chemical Education. American Chemical Society. Greeley, CO. 2 Aug. 2016. Conference Presentation. *

Uninvited Presentations: Pagano, Todd, Annemarie D Ross, and Susan B Smith. "Making education and careers in chemistry accessible and successful for deaf and hard-of-hearing students." 2016 Biennial Conference on Chemical Education. American Chemical Society. Greeley, CO. 1 Aug. 2016. Conference Presentation. *

International CAMPUSES

AMERICAN UNIVERSITY IN KOSOVO

CENTER FOR MULTIDISCIPLINARY STUDIES

Makini Z Beck

Book Chapter: Thorsos, Nilsa, et al. "Synergy, Care, and Constructive Chaos: Conceptualizing the Dynamics of an International Global Co-mentoring Network." *Global Co-Mentoring Networks in Higher Education: Politics, Policies, and Practices*. Ed. B. Gloria Guzmán Johannessen. Cham, Switzerland: Springer International Publishing, Switzerland, 2016. 57-71. Print. Δ

Journal Paper: Agosto, Vonzell, et al. "Running Bamboo: A Mentoring Network of Women Intending to Thrive in Academia." *NASPA Journal About Women in Higher Education* 9. 1 (2016): 74-89. Print. *

Journal Paper: Beck, Makini and Christine Nganga. "Narratives of Foreign-Born International Teachers: Implications for Dialogic Leadership for Social Justice." *Educational Leadership Review* 16. 3 (2016): 58-71. Print. *

Thomas F Hanney

Invited Article/Publication: Hanney, Thomas. "It's Been the Greatest Friend I Ever Had." *Harmonica Happenings*, a Quarterly Publication of the Society for the Preservation and Advancement of the Harmonica. (2016). Print.

Daniel W Worden

Journal Paper: Worden, Daniel, et al. "Style as Character: Joan Didion's Genres." *A/B: Auto/Biography Studies* 31. 3 (2016): 581-617. Print. ~

Full Length Book: Worden, Daniel, Jason Gladstone, and Andrew Hoberek. *Postmodern/Postwar - & After: Rethinking American Literature*. Iowa City, Iowa: University of Iowa Press, 2016. Print. ~

Invited Keynote/Presentation: Worden, Daniel. "The Meaning of Memoir: Self, Object, and Other Neoliberal Nonfictions." *Production of Literature Speaker Series*. Carleton University. Ottawa, ON. 9 Nov. 2016. Lecture. Δ

Invited Keynote/Presentation: Worden, Daniel. "Money Trees": Comics, Rap, and Dispossession." *Production of Literature Speaker Series*. Carleton University. Ottawa, ON. 10 Nov. 2016. Lecture.

Invited Keynote/Presentation: Worden, Daniel. "Speculative Ecology: Documentary Form and Deep Oil." *Petrocultures 2016: The Offshore*. Memorial University of Newfoundland. St. John's, Newfoundland, Canada. 1 Sep. 2016. Conference Presentation. Δ

RIT CROATIA

Vanda Bazdan

Journal Paper: Komnencic, Pavle, Vanda Bazdan, and Besim Agusaj. "The Organizational Climate and Employee Turnover Intention in Dubrovnik Hotels." *RIThink* 5. (2016): 7-14. Web. «

Published Conference Proceedings: Lujak, Djina, Besim Agusaj, and Vanda Bazdan. "The Relationship between Online Rating, Hotel Star Category and Room Pricing Power." *Proceedings of the SINCERE Dubrovnik*. Ed. Nebojša Stojčić. Dubrovnik, HR: n.p., Print. «

Luka Borsic

Full Length Book: Borsic, Luka and Ivana Skuhala Karasman. *Our Women* [Croatian]. Zagreb, Croatia: Naklada Jurcic, 2016. Print. ~

Invited Keynote/Presentation: Borsic, Luka and Ivana Skuhala Karasman. "Philosophy as a common activity [Croatian]." Excellence Award Lecture. Institute of Philosophy. Zagreb, Croatia. 27 Jun. 2016. Keynote Speech. Δ

Shows/Exhibits/Installations: Druskowitz, Helene von. *Die Ausstellung über Helene von Druskowitz* [German-Croatian]. By Luka Borsic and Ivana Skuhala Karasman. 1 Nov. 2016. Österreichisches Kulturforum, Zagreb. Exhibit.

National/International Competition Award

Winner: Borsic, Luka and Ivana Skuhala Karasman. Institute of Philosophy. Award for excellence in scholarship. Zagreb, Croatia, 2016.

Invited Keynote/Presentation: Borsic, Luka. "Die Philosophie von Helene von Druskowitz [German]." Round-Table Discussion. Österreichisches Kulturform. Zagreb, Croatia. 4 Nov. 2016. Lecture.

Journal Paper: Borsic, Luka and Ivana Skuhala Karasman. "Collaboration of Academician Žarko Dadić with the Institute of Philosophy [Croatian]." *Historijski zbornik*. 69 (2016): 491-502. Print. *

Journal Editor: Borsic, Luka, Tvrtko Jolic, and Petar Segedin, ed. *Philosophy of Politics - Heritage and Perspectives* [Croatian]. Zagreb: Institute of Philosophy, 2016. Print. *

Book Chapter: Borsic, Luka and Ivana Skuhala Karasman. "Krieg, Religion und Frauen auf der Insel Utopia [German]." *Politische Utopien der Neuzeit*. Thomas Morus, Tommaso Campanella, Francis Bacon. Ed. Otfried Höffe. Berlin, Boston, Germany, USA: Walter de Gruyter, 2016. 93-107. Print. *

Journal Paper: Borsic, Luka and Ivana Skuhala Karasman. "Herman's Translation of Sahl Ibn Bishr's Astrological Treatise [Croatian]." *Kroatologija*. 7 (2016): 1-13. Print. *

Book Chapter: Borsic, Luka. "Post-Renaissance distance toward tradition [Croatian]." *Does Philosophy Need Its History?* [Croatian]. Ed. Ivana Skuhala Karasman and Petar Segedin. Zagreb, Croatia: Institute of Philosophy, 2016. 159-173. Print. ~

Invited Keynote/Presentation: Borsic, Luka and Danijel Dzino. "Liburnica / Liburna: Borrowing technology [English]." *Imperialism and Identities at the Edge of the Roman World 3*. Petnica Science Center. Petnica, Serbia. 24 Sep. 2016. Conference Presentation. *

Invited Keynote/Presentation: Borsic, Luka and Ivana Skuhala Karasman. "Helene von Druskowitz and the Position of Women in the Austro-Hungarian Monarchy [English]." *I. Autumn School - History of Women Philosophers in Antiquity and Émilie Du Châtelet on Space and Time*. University of Paderborn. Paderborn, Germany. 13 Oct. 2016. Keynote Speech. Δ

Invited Keynote/Presentation: Borsic, Luka and Ivana Skuhala Karasman. "Philosophy of Elza Kučera [Croatian]." *Women philosophers in Croatia* [Croatian]. Institute of Philosophy. Zagreb, Croatia. 8 Dec. 2016. Conference Presentation. Δ

Journal Paper: Borsic, Luka and Ivana Skuhala Karasman. "Ivana Skuhala Karasman and Luka Boršić: "Federik Grisogono, the iatromathematician" [English]." *Croatian Studies Review* 12. (2016): 21-43. Print. *

Nikola Draskovic

Full Length Book: Draskovic, Nikola, et al. *Principles of Strategic Marketing* (in Bosnian). Bosnian edition ed. Sarajevo, Bosnia: Faculty of Economics Sarajevo, 2016. Print.

FEATURED FACULTY

BRANKO MIHALJEVIĆ IS A SENIOR LECTURER AT RIT CROATIA.

Besides being an educator and researcher in the field of computing for almost seventeen years, he is also a consultant, software architect, and entrepreneur.

He is a member of the Web and Mobile Computing / Information Technology program faculty at RIT Croatia, currently teaching software development and database-related courses according to B. Thomas Golisano College of Computing and Information Sciences program. He received his dipl. ing. (MSc), mr. sc., DSM, and dr. sc. (PhD) at the University of Zagreb, Faculty of Electrical Engineering and Computing, where he worked for many years. Prior to coming to RIT Croatia, he was a lecturer at Algebra University College and VERN' University of Applied Sciences. He worked on various research and professional projects, authored many papers, and delivered numerous workshops.

His research interests include soft, biologically-inspired, and evolutionary computing with a focus on artificial immune systems, but he has also done research in the fields of software architectures for web applications, object-oriented programming languages, ubiquitous, open, and cloud computing, and distance and e-learning. He gained professional experience as a software architect, consultant, project manager, and development lead on various projects in financial, telecom, public health, and satellite systems sectors in Europe. He was also a co-owner and CTO of a successful startup company.

One of his passions is Java programming language. He is one of the founders and the president of Croatian Java User Association (HUJAK). In the last few years, he has been involved in the organization of fifteen conferences, including JavaCro, Javantura, WebCamp, and HrOUG. He is the author of various popular Java articles and keynote presentations. In 2016 he coauthored a book chapter, wrote four conference papers, delivered five keynote and guest speeches at conferences, and co-organized three conferences, where he was a program committee chair.

Branko Mihaljević

Senior Lecturer
RIT Croatia



Irena Guszak Cerovecki

Journal Paper: Cerovecki, Irena Guszak and Marko Grunhagen. "“Food Deserts” in Urban Districts: Evidence from a Transitional Market and Implications for Macromarketing." *Journal of Macromarketing* 36. 3 (2016): 337-353. Print. «

MILENA X KUZNIN

Invited Keynote/Presentation: Kuznin, Milena and Joseph Kevin Walker. "Excellence in Education - Privatna Gimnazija Meets RIT Croatia." Invited Presentation. RIT Croatia. Dubrovnik, HR. 26 Feb. 2016. Guest Lecture.

Published Conference Proceedings: Kuznin, Milena and Kristina Franusic. "17th International Symposium on Quality." *Proceedings of the Quality Makes a Difference, March 16-18, 2016.* Ed. Ph.D., Miroslav Drljaca. Zadar, Croatia: n.p., 2016. Web. *

Journal Paper: Suta, Josip and Milena Kuznin. "Destination Management in Dubrovnik." *RIThink* 5. (2016): 15-18. Web. *

Published Conference Proceedings: Samrdzija, Jasminka, Milena Kuznin, and Joseph Kevin Walker. "Leadership Characteristics - a Study of Student Development." *Proceedings of the 5th PAR International Leadership Conference, Opatija 2016.* Ed. Visoka poslovna skola PAR. Rijeka, Croatia: p. 20-30, 2016. Print. *

Branko Mihaljevic

Book Chapter: Žagar, Martin, Branko Mihaljević, and Josip Knezović. "Data Compression as a Base for eHealth Interoperability: 3D FWT applied on Volumetric Neuroimages." *Intelligent Analysis of Multimedia Information.* Ed. Siddhartha Bhattacharyya, et al. Hershey, PA: Information Science Reference (an imprint of IGI Global), 2016. 266-281. Print. «

Published Conference Proceedings: Marasović, Kristina, Branko Mihaljević, and Iva Bačić. "Distance Delivery and Technology-Enhanced Learning in Information Technology and Programming Courses at RIT Croatia." *Proceedings of the 39th International Convention for Information and Communication Technology, Electronics and Microelectronics (MIPRO 2016) - Conference on Computers in Education (CE), Opatija, Croatia, May 30th - June 3rd, 2016.* Ed. Petar Biljanović. Opatija, Croatia: Croatian Society for Information and Communication Technology, Electronics and Microelectronics - MIPRO, 2016. Print. *

Published Conference Proceedings: Mihaljević, Branko, Kristina Marasović, and Aleksander Radovan. "Experiences of Distance Learning - Systems, Services and Tools in the Subjects in the Field of Information Technology and Computing." *Proceedings of the 18th CARNet User Conference - CUC 2016, Rovinj, Croatia, Nov 9-11, 2016.* Ed. Marijana Pezelj. Rovinj, Croatia: CARNet, 2016. Web. «

Published Conference Proceedings: Mihaljević, Branko, Aleksander Radovan, and Kristina Marasović. "Experiences of Popularizing Java Programming Language and Associated Educational and Other Activities." *Proceedings of the 18th CARNet User Conference - CUC 2016, Rovinj, Croatia, Nov 9-11, 2016.* Ed. Marijana Pezelj. Rovinj, Croatia: CARNet, 2016. Web. *

Invited Keynote/Presentation: Mihaljević, Branko. "The Story of Java & HJAK." 3rd International Java Community Conference in Croatia - Javantura v3, Zagreb, Croatia, Feb 20th, 2016. HJAK. Zagreb, Croatia. 20 Feb. 2016. Keynote Speech. ~

Published Conference Proceedings: Radovan, Aleksander and Branko Mihaljević. "Proposal for the Optimal Use of Math Materials for Improvement of Programming Skills." *Proceedings of the 18th CARNet User Conference - CUC 2016, Rovinj, Croatia, Nov 9-11, 2016.* Ed. Marijana Pezelj. Rovinj, Croatia: CARNet, 2016. Web. *

Invited Keynote/Presentation: Mihaljević, Branko. "Why Java? – A Community Perspective." Slovenian Oracle User Group Conference and Java Conference - SiOUG 2016 and JavaSi'16, Portorož, Slovenia, Oct 16-17, 2016. SiOUG and OpenBlend. Portorož, Slovenia. 17 Oct. 2016. Conference Presentation. *

Invited Keynote/Presentation: Mihaljević, Branko and Aleksander Radovan. "HUJAKization of Java Community." 21st Croatian Oracle User Group Conference - HrOUG 2016, Rovinj, Croatia, Oct 18-22, 2016. HrOUG - Croatian Oracle User Group. Rovinj, Croatia. 22 Oct. 2016. Conference Presentation. *

Invited Keynote/Presentation: Mihaljević, Branko and Radovan, Aleksander. "The Way of Java Certification." 21st Croatian Oracle User Group Conference - HrOUG 2016, Rovinj, Croatia, Oct 18-22, 2016. HrOUG - Croatian Oracle User Group. Rovinj, Croatia. 22 Oct. 2016. Conference Presentation. *

Invited Keynote/Presentation: Mihaljević, Branko and Radovan, Aleksander. "(Why) We Live in the World of Java." 5th International Java Conference in Croatia - JavaCro'16, Rovinj, Croatia, May 18-20, 2016. HrOUG and HUJAK. Rovinj, Croatia. 20 May 2016. Keynote Speech. ~

Jakob Patekar

Journal Paper: Patekar, Jakob. "Razlike u uporabi pravopisnih znakova u hrvatskome i engleskome jeziku." Rasprave: Časopis Instituta za hrvatski jezik i jezikoslovlje 42. 1 (2016): 147-166. Print. «

Journal Paper: Patekar, Jakob. "A Possible Order of Teaching English Tenses in Primary School." Metodčki ogleđi 23. 1 (2016): 65-86. Print. «

Jasminka Samardžija

National/International Competition Award Winner: Samardžija, Jasminka. Croatian Quality Managers Society / HDMK. HDMK charter for special contribution to the development and promoting of quality awareness in 2016. Zadar, Croatia, Croatia, 2016. ≠

Shows/Exhibits/Installations: Samardžija, Jasminka. Lecture on "Doing business in Croatia / Croatian leaders how they succeed?". 8 Apr. 2016. RIT Croatia Zagreb campus AUK partnership, Zagreb. Performance.

Journal Paper: Samardžija, Jasminka. "Interpreting Typical Profile of Transition Leaders – Case Croatia." Zagreb International Review of Economics & Business Vol.19 No.SCI. December (2016): 15-28. Print. «

Published Conference Proceedings: Samardžija, Jasminka. "Psychological Profile of Leaders in Transition Countries - Case Croatia." Proceedings of the An Enterprise Odyssey, International Conference Proceedings; Zagreb: 254-263. University of Zagreb, Faculty of Economics and Business. (Jun 8-Jun 11, 2016). Ed. Prof.dr.sc. Lovorka Galetić. Zagreb, Croatia: University of Zagreb, Faculty of Economics & Business, 2016. Print. «

Published Conference Proceedings: Jasminka, Samardžija, Kevin Joseph Walker, and Milena Kužnin. "Leadership Characteristics – A Study of Student Development." Proceedings of the Conference Proceedings of 5th Par International Leadership Conference: Leadership Through Partnership. Ed. prof. dr. sc. Vladimir Rosić. Opatija 2016, Croatia: Business School PAR, Leight University and Lacocca Institute, 2016. Print. «

Published Conference Proceedings: Samardžija, Marko Vojnović; Jasminka. "The Impacts and Effects that Currency Exchange Rates Have on Foreign Tourists' Perception of the quality in Hospitality Industry; Case Croatia." Proceedings of the 17. međunarodni simpozij o kvaliteti KVALITETA ČINI RAZLIKU Zadar, 16.-18. ožujka 2016. Ed. Miroslav Drljača. Zagreb, Croatia: HDMK, 2016. Print. «

Kristijan Tabak

Journal Paper: Tabak, Kristijan and Mario Osvin Pavcevic. "CZ-GROUPS." Glasnik Matematički Vol 51. (71) (2016): 345-358. Print. *

Kevin Walker

Invited Keynote/Presentation: Kuznin, Milena and Joseph Kevin Walker. "Excellence in Education - Private Gimnazija Meets RIT Croatia." Invited Presentation. RIT Croatia. Dubrovnik, HR. 26 Feb. 2016. Guest Lecture.

Published Conference Proceedings: Samardžija, Jasminka, Milena Kužnin, and Joseph Kevin Walker. "Leadership Characteristics - A Study of Student Development." Proceedings of the 5th PAR International Leadership Conference. Ed. Vladimir Rosic and Martina Peric. Rijeka, Croatia: Visoka poslovna skola PAR, 2016. Print. «

Journal Paper: Glavor, Marko and Joseph Kevin Walker. "Service Your Tips: Service Quality based on Tipping Practices." RIThink 5. (2016): 23-28. Web. ~

RIT DUBAI

Charalampos Manifavas

Journal Paper: Fysarakis, Konstantinos, et al. "RtVMF: A Secure Real-Time Vehicle Management Framework." IEEE Pervasive Computing 15. 1 (2016): 22-30. Print. *

Journal Paper: Hatzivasilis, George, Ioannis Papaefstathiou, and Charalampos Manifavas. "Software Security, Privacy, and Dependability, Metrics and Measurement." IEEE Software 33. 4 (2016): 46-54. Print. *

Journal Paper: Hatzivasilis, George, et al. "Light-weight Authenticated Encryption for Embedded On-Chip Systems." Information Security Journal: A Global Perspective, Taylor and Francis. (2016): 1-11. Print. *

Journal Paper: Fysarakis, Konstantinos, et al. "XSACd - Cross-domain Resource Sharing & Access Control for Smart Environments." Future Generation Computer Systems, Elsevier. (2016): In Press. Print. *

Salman Pervaiz

Journal Paper: Pervaiz, Salman, Ibrahim Deiab, and Hossam Kishawy. "A finite element based energy consumption analysis for machining AISI 1045 carbon steel using uncoated carbide tool." Journal of Advances in Materials and Processing Technologies (Taylor & Francis) 2. 1 (2016): 83-92. Print. *

Journal Paper: Pervaiz, Salman, et al. "An experimental investigation on effect of minimum quantity cooling lubrication (MQCL) in machining titanium alloy (Ti6Al4V)." The International Journal of Advanced Manufacturing Technology 87. 5 (2016): 1371-1386. Print. *

Journal Paper: Sharif, Muhammed Nadeem, Salman Pervaiz, and Ibrahim Deiab. "Potential of alternative lubrication strategies for metal cutting processes: a review." The International Journal of Advanced Manufacturing Technology. (2016): 1-33. Print. *

Published Conference Proceedings: Pervaiz, Salman, Hossam Kishawy, and Ibrahim Deiab. "Sustainable Machining of High Performance Titanium Alloys." Proceedings of the 8th AUS-IMS International Conference on Materials Science and Engineering. Ed. Dr. Adil Al-Tamimi and Dr. Taleb Ibrahim. Sharjah, United Arab Emirates: n.p., 2016. Print. *

Published Conference Proceedings: Pervaiz, Salman and Mohamed Gadalla. "Exergy Analysis of Metal Cutting Processes." Proceedings of the ASME 2016 - International Mechanical Engineering Congress and Exposition (IMECE). Ed. Ramakrishna Koganti (ASME General Chair). Phoenix, Arizona, US: ASME, 2016. Print. *

Mohamed A Samaha

Published Conference Proceedings: Kahwaji, Ghalib Y., Mohamed A. Samaha, and Hassan M. S. Al Sarrach. "Modeling of the coupled conduction-convection ice formation on a horizontal finned tube under density inversion conditions." Proceedings of the Global Summit and Expo on Fluid Dynamics & Aerodynamics. Ed. Chuan Chiang Chen, Sofia D Panteliou, and Ahmed Hassanein. London, United Kingdom: n.p., 2016. Web. *