

2015 FACULTY SCHOLARSHIP REPORT

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MESSAGE FROM THE PROVOST

RIT embraces the teacher-scholar model of education, engaging faculty and students in research, pedagogical undertakings and scholarly activities that continue to impact our partners in industry, our peers within the academic community, and the world. Their 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.

Our recent research, scholarship and creative works are a clear indicator that we are moving ever closer to our vision of making RIT a pre-eminent student-centered research university. This includes faculty engaged in creative inquiry, the applications of new and existing technologies to solve industrial challenges, as well as interdisciplinary work that crosses and intersects traditional boundaries.

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 2015.



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: Sridharan, Srinivas and Bailey, Reynold. "Automatic Target Prediction and Subtle Gaze Guidance for Improved Spatial Information Recall." Proceedings of the 12th ACM SIGGRAPH Symposium on Applied Perception, Tübingen, Germany, September 2015. Ed. Stephen Spencer (ACM). New York, NY: ACM, Web. *

Published Conference Proceedings: Bethamcherla, Vasudev, et al. "Face-speech Sensor Fusion for Non-invasive Stress Detection." Proceedings of the 1st Joint Conference on Facial Analysis, Animation and Audio-Visual Speech Processing, September 2015, Vienna Austria. Ed. Auditory-Visual Speech Association. Vienna, Austria: n.p., Web. *

Published Conference Proceedings: Paul, Will, et al. "Stressed Out: What Speech Tells Us About Stress." Proceedings of the Interspeech, September 2015, Dresden Germany. Ed. Sebastian Möller, Hermann Ney, Bernd Möbius, Elmar Nöth, Stefan Steidl. Dresden, Germany: n.p., Web. *

Ivona Bezakova, Associate Professor

Journal Paper: Bezakova, Ivona, Erin W. Chambers, and Kyle Fox. "Integrating and Sampling Cuts in Bounded Treewidth Graphs." Association for Women in Mathematics Series, Springer. Accepted for publication. (2015): 1-14. Print. *

Published Conference Proceedings: Butler, Zack and Ivona Bezakova. "On Beyond Sudoku: Pencil Puzzles For Introductory Computer Science." Proceedings of the The 46th ACM technical symposium on Computer science education (SIGCSE). Ed. Carl Alphonse and Jodi Tims. Kansas City, MO: Association for Computing Machinery (ACM), 2015. Web. «

Hans-Peter Bischof, Professor

Published Conference Proceedings: McCartney, R., J. Yuan, and H.-P. Bischof. "Gesture Recognition with the Leap Motion Controller." Proceedings of the Int'l Conf. IP, Comp. Vision, and Pattern Recognition 2-15, Las Vegas. Ed. Hamid R. Arabnia. Las Vegas, Nevada/USA: Print. *

Published Conference Proceedings: Scicali, Alberto and Hans-Peter Bischof. "Usability Study of Leap Motion Controller." Proceedings of the Int'l Conf. Modeling, Sim. and Vis. Methods, 2015, Las Vegas. Ed. Hamid R. Arabnia. Las Vegas, Nevada: n.p., Print. *

Zachary Butler, Associate Professor

Published Conference Proceedings: Butler, Zack and Bezakova, Ivona. "On Beyond Sudoku: Pencil Puzzles for Introductory Computer Science." Proceedings of the SIGCSE 2015. Ed. Adrienne Decker and Kurt Eiselt. Denver, CO: ACM, Web. *

Journal Paper: Butler, Zack and Hays, Jacob. "Task Allocation for Reconfigurable Teams." Robotics and Autonomous Systems 68. 1 (2015): 59-71. Print. *

Raafat S Elfouly

Published Conference Proceedings: Elfouly, Hesham Alyumayani, Raafat. "International Computer Engineering conference 2015." Proceedings of the ICENCO 2015. Ed. Samir Shaheen. Cairo, Egypt: IEEE, 2015. Print. £

Matthew Fluet, Assistant Professor

Published Conference Proceedings: Le, Matthew and Fluet, Matthew. "Partial Aborts for Transactions via First-Class Continuations." Proceedings of the The 20th ACM SIGPLAN International Conference on Functional Programming (ICFP'15); August 31 – September 2, 2015, Vancouver, BC, Canada. Ed. Kathleen Fisher and John Reppy. New York, NY: ACM, 2015. Print. *

Published Conference Proceedings: Acar, Umut A., et al. "Coupling Memory and Computation for Locality Management." Proceedings of the First Summit on Advances in Programming Languages (SNAPL'15); May 3 - 6, 2015, Asilomar, CA. Ed. Thomas Ball, et al. Dagstuhl, Germany: Schloss Dagstuhl - Leibniz-Zentrum fuer Informatik, 2015. Web. *

Published Conference Proceedings: Adsit, Connor and Fluet, Matthew. "An Efficient Type- and Control-Flow Analysis for System F." Proceedings of the The 26th International Symposium on Implementation and Application of Functional Languages (IFL'14); October 1 - 3, 2014, Boston, MA. Ed. Sam Tobin-Hochstadt. New York, NY: ACM, 2015. Web. *

Published Conference Proceedings: Le, Matthew and Fluet, Matthew. "Combining Shared State with Speculative Parallelism in a Functional Language." Proceedings of the The 26th International Symposium on Implementation and Application of Functional Languages (IFL'14); October 1 - 3, 2014, Boston, MA. Ed. Sam Tobin-Hochstadt. New York, NY: ACM, 2015. Web. *

Joe Geigel, Professor

Published Conference Proceedings: Bethamcherla, Vasudev Prasad, et al. "Face - Speech Sensor Fusion for Non - Invasive Stress Detection." Proceedings of the The 1st Joint Conference on Facial Analysis, Animation and Auditory - Visual Speech Processing (Sept 11-13, 2015, Vienna, Austria). Ed. Michael Pucher, et al. Vienna, Austria: ISCA, Web. *

Published Conference Proceedings: Paul, William, et al. "Stressed out: What Speech Tells Us About Stress." Proceedings of the Sixteenth Annual Conference of the International Speech Communication Association. (Sept 6-10, Dresden, Germany). Ed. Bernd Mobius and Elmar Noth. Dresden, Germany: n.p., Web. *

Invited Keynote/Presentation: Geigel, Joe. "Interdisciplinary Coursework Combining Art and Technology A Computer Science Perspective." ACM SIGGRAPH 2015 Education Birds of a Feather (BoF) Talks (SIGGRAPH '15). ACM/SIGGRAPH. Los Angeles, CA. 11 Aug. 2015. Conference Presentation. £

James E Heliotis, Professor

Published Conference Proceedings: Heliotis, James. "A Python Helper Class for Beginning Data Structures." Proceedings of the 31st Annual Regional Conference of the Consortium for Computing Science in Colleges, Eastern Region. Ed. Vincent Cicirello and Aakash Taneja. Stockton, NJ: n.p., Print. *

Edith Hemaspaandra, Professor

Journal Paper: Brandt, F., et al. "Bypassing Combinatorial Protections: Polynomial-Time Algorithms for Single-Peaked Electorates." Journal of Artificial Intelligence Research 53. (2015): 439-496. Web. *

Journal Paper: Faliszewski, P., Hemaspaandra, E., and Hemaspaandra, L. "Weighted Electoral Control." Journal of Artificial Intelligence Research 52. (2015): 507-542. Web. *

Published Conference Proceedings: Fitzsimmons, Z. and Hemaspaandra, E. "Complexity of Manipulative Actions When Voting with Ties." Proceedings of the Fourth International Conference on Algorithmic Decision Theory. Ed. Toby Walsh. Lexington, KY: n.p., 2015. Print. «

Published Conference Proceedings: Erdelyi, G., Hemaspaandra, E., and Hemaspaandra, L. "More Natural Models of Electoral Control by Partition." Proceedings of the Fourth International Conference on Algorithmic Decision Theory. Ed. Toby Walsh. Lexington, KY: n.p., 2015. Print. «

Invited Article/Publication: Faliszewski, P., Hemaspaandra, E., and Hemaspaandra, L. "The Complexity of Manipulative Attacks in Nearly Single-Peaked Electorates." Proceedings of the 24th International Joint Conference on Artificial Intelligence. (2015). Web. £

FEATURED FACULTY

ANDY MENEELY IS AN ASSISTANT PROFESSOR IN THE DEPARTMENT OF SOFTWARE ENGINEERING IN THE B. THOMAS GOLISANO COLLEGE OF COMPUTING AND INFORMATION SCIENCES. HIS RESEARCH INTERESTS LIE WITH EMPIRICAL SOFTWARE ENGINEERING, SOFTWARE SECURITY, COLLABORATIVE SOFTWARE DEVELOPMENT, OPEN SOURCE DEVELOPMENT, SOCIO-TECHNICAL FACTORS, METRICS AND MEASUREMENT, APPLIED MACHINE LEARNING & DATA MINING.

In today's digital society, software is more than a convenience: it's our livelihood. The software that runs our lives must be secure. The cost of insecure software is more than monetary, it's impacts us as consumers, patients, and citizens. The burden of delivering secure software falls squarely on the shoulders of today's software engineers. Every vulnerability is an engineering failure that can have its roots in software design problems, team collaboration issues, socio-technical factors, and many others.

Dr. Meneely studies the phenomenon of software vulnerabilities by mining software repositories and trying to understand how these mistakes are made and missed. Using a combination of design metrics and human factors metrics, researchers in Meneely's lab develop machine learning models for predicting the occurrence of vulnerabilities. These models are useful for prioritizing fortification efforts for software development teams, but they also speak to underlying truths about how humans work on code. In a recent study, for example, researchers in Meneely's lab were able to show that developers who participate in a discussion for a vulnerability fix with their colleagues are less likely to have vulnerabilities in their own code later on. In another study, researchers in Meneely's lab were able to predict vulnerabilities by simulating how attackers would search for weaknesses.

All of this historical research on vulnerabilities is also useful for the classroom. This research has been the foundation for the Engineering Secure Software course, a required course for the Software Engineering curriculum developed by Dr. Meneely. Using data from actual, historical vulnerabilities means that students get to experience what real software development is like, and what attackers are typically looking for.

ANDY MENEELY
ASSISTANT PROFESSOR
COMPUTER SCIENCE
B. THOMAS GOLISANO COLLEGE OF
COMPUTING AND INFORMATION SCIENCES





Book Chapter: Hemaspaandra, E., Hemaspaandra, L., and Rothe, J. "The Complexity of Manipulative Actions in Single-Peaked Societies." *Economics and Computation: An Introduction to Algorithmic Game Theory, Computational Social Choice, & Fair Division.* ., .: Springer, 2015. 327-360. Print.

Christopher M Homan, Associate Professor

Published Conference Proceedings: Schrading, Nicolas, et al. "#WhyIStayed, #WhyLeft: Microblogging to Make Sense of Domestic Abuse." *Proceedings of the The 2015 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT).* Ed. Rada Mihalcea, Joyce Yue Chai, and Anoop Sarkar. Denver, CO: n.p., Web. «

Published Conference Proceedings: Morabito, Patrick N., et al. "Agent-Based Models of Copycat Suicide." *Proceedings of the Social Computing, Behavioral-Cultural Modeling, and Prediction.* Ed. Nitin Agarwal, Kevin Xu, and Nathaniel Osgood. Washington, DC: Springer, Web. «

Journal Paper: Homan, Christopher M. and Sven Kosub. "Dichotomy results for fixed point counting in boolean dynamical systems." *Theoretical Computer Science* 573. (2015): 16–25. Print. ~

Published Conference Proceedings: Schrading, Nicolas, et al. "An Analysis of Domestic Abuse Discourse on Reddit." *Proceedings of the 2015 Conference on Empirical Methods for Natural Language Processing.* Ed. Daniele Pighin and Yuval Marton. Lisbon, Portugal: n.p., Web. «

Peizhao Hu, Assistant Professor

Published Conference Proceedings: Kulkarni, Sourabh, et al. "SDN-ERS: Building a SDN-Based Communication Framework for Emergency Response Systems." *Proceedings of the The Network Innovators Community Event (GENI NICE) collocated with ICNP2015.* Ed. N/A. San Francisco, CA: n.p., Web. *

Journal Paper: Yin, Wei, Hu, Peizhao, and Indulska, Jadwiga. "Rate Control in the mac80211 Framework: Overview, Evaluation and Improvements." *Computer Networks* 81. (2015): 289-307. Print. *

Published Conference Proceedings: Qayyum, Shiraz, Hu, Peizhao, and Kumar, Mohan. "COSC: Paths with Combined Optimal Stability and Capacity in Opportunistic Networks." *Proceedings of the Proceedings the 40th IEEE conference on Local Computer Networks (LCN2015).* Ed. Salil Kanhere. Clearwater Beach, Florida: IEEE, Web. *

Published Conference Proceedings: Zhong, Mingyang, et al. "Advancing Android Activity Recognition Service with Markov Smoother." *Proceedings of the Proceedings of 11th Workshop on Context and Activity Modeling and Recognition @ PerCom 2015.* Ed. Diane Cook. St. Louis, Missouri: IEEE, Web. *

Alan Kaminsky

Published Conference Proceedings: Kelly, Matthew, et al. "Customizable Sponge-Based Authenticated Encryption Using 16-Bit S-boxes." *Proceedings of the IEEE Military Communications Conference 2015.* Ed. Qingqing Zhang. Tampa, FL: IEEE, 2015. Web. £

Thomas B Kinsman

Full Length Book: Kinsman, Thomas B. *Semi-Supervised Pattern Recognition and Machine Learning for Eye-Tracking* (Ph.D. Dissertation). Rochester, NY: Rochester Institute of Technology, 2015. Print.

Mohan J Kumar, Professor

Journal Paper: Sadiq, Umair, et al. "Service Composition in Opportunistic Networks: A Load and Mobility Aware Solution." *Computers, IEEE Transactions* 64. 8 (2015): 2308-2322. Print. ~

Journal Paper: Qayyum, Shiraz, Umair, Sadiq, and Kumar, Mohan. "MOEME: Real-time Mobility and Orientation Estimation for Mobile Environments." *Elsevier's Pervasive and Mobile Computing* 23. (2015): 156-170. Print. ~

Journal Paper: Eary, Chance, Kumar, Mohan, and Zaruba, Gergely. "Delay Tolerant Lazy Release Consistency for Distributed Shared Memory in Opportunistic Networks." *Pervasive and Mobile Computing*. (2015): 1-14. Web. ~

Published Conference Proceedings: Qayyum, Shiraz, Hu, Peizhao, and Kumar, Mohan. "COSC: Paths with Combined Optimal Stability and Capacity in Opportunistic Networks." *Proceedings of the Local Computer Networks (LCN), 2015 IEEE 40th Conference on*. Ed. IEEE. Clearwater Beach, FL: IEEE, 2015. Web. ~

Minseok Kwon, Associate Professor

Published Conference Proceedings: Powers, N., et al. "The Cloudlet Accelerator: Bringing Mobile-Cloud Face Recognition into Real-Time." *Proceedings of the IEEE Globecom Workshop CCSNA*. Ed. Ramesh Rao. San Diego, CA: n.p., 2015. Print. *

Book Chapter: Kwon, M. "A Tutorial on Network Latency and Its Measurements." *Enabling Real-Time Mobile Cloud Computing through Emerging Technologies*. Ed. T. Soyata. Hershey, PA: IGI Global, 2015. 272-293. Print. Δ

Xumin Liu, Assistant Professor

Journal Paper: Athman, Bouguettaya, et al. "Efficient Agglomerative Hierarchical Clustering." *Expert Systems with Applications* 42. 5 (2015): 2785-2797. Print. *

Journal Paper: Saleem, Muhammad, Suleman, et al. "Personalized Decision-Strategy Based Web Service Selection Using a Learning-to-Rank Algorithm." *IEEE Transactions on Services Computing* 8. 5 (2015): 727-739. Print. *

Published Conference Proceedings: Jain, Aditi, Xumin, Liu, and Yu, Qi. "Aggregating Functionality, Use History, and Popularity of APIs to Recommend Mashup Creation." *Proceedings of the 13th International Conference on Service-Oriented Computing*. Ed. Alistair Barros and Daniela Grigori and Nanjangud C. Narendra and Hoa Khanh Dam. GOA, India: Springer, Print. *

Published Conference Proceedings: Liu, Xumin, et al. "Extracting, Ranking, and Evaluating Quality Features of Web Services through User Review Sentiment Analysis." *Proceedings of the IEEE International Conference on Web Services*. Ed. John A. Miller and Hong Zhu. New York City, NY: IEEE, Print. *

Published Conference Proceedings: Liu, Xumin and Fulia, Isankumar. "Incorporating User, Topic, and Service Related Latent Factors into Web Service Recommendation." *Proceedings of the 2015 IEEE International Conference on Web Services*. Ed. John A. Miller and Hong Zhu. New York City, NY: IEEE, Print. *

Stanislaw Radziszowski, Professor

Journal Paper: Yali, Wu, et al. "Ramsey Numbers of C_4 versus Wheels and Stars." *Graphs and Combinatorics* 31. 1 (2015): 2437-2446. Print. £

Journal Paper: Dybizbański, Janusz, Dzido, Tomasz, and Radziszowski, Stanislaw. "On Some Zarankiewicz Numbers and Bipartite Ramsey Numbers for Quadrilateral." *Ars Combinatoria* 119. (2015): 275-287. Print. £

Published Review: Radziszowski, Stanisław P. "MR 3242583." *Rev. of MathSciNet*, by American Mathematical Society. *Mathematical Reviews* 2015: MR 3242583. Web.

Published Review: Radziszowski, Stanisław P. "MR 3337221." *Rev. of MathSciNet*, by American Mathematical Society. *Mathematical Reviews* 2015: MR 3337221. Web.

Published Conference Proceedings: Kelly, Matthew, et al. "Customizable Sponge-Based Authenticated Encryption Using 16-bit S-boxes." *Proceedings of the MILCOM'2015, Tampa, FL, October 2015*. Ed. MILCOM. Tampa, FL: MILCOM, 2015. Web. ~

Published Conference Proceedings: Wood, Christopher, Lukowiak, Marcin, and Radziszowski, Stanislaw. "Constructing Large S-boxes with Area Minimized Implementations." Proceedings of the MILCOM'2015, Tampa, FL. Ed. MILCOM. Tampa, FL: MILCOM, 2015. Web. £

Journal Paper: Yali, Wu, Yongqi, Sun, and Radziszowski, Stanislaw. "Wheel and Star-critical Ramsey Numbers for Quadrilateral." Discrete Applied Mathematics 186. (2015): 260-271. Print. £

Invited Keynote/Presentation: Radziszowski, Stanislaw P. "Some Computational and Theoretical Problems for Ramsey Numbers." Third Gdansk Workshop on Graph Theory. Technical University of Gdansk. Gdansk, Poland. 16 Sep. 2015. Keynote Speech.

Rajendra Raj, Professor

Journal Paper: Romanowski, Carol, et al. "Regional Response to Large-scale Emergency Events: Building on Historical Data." International Journal of Critical Infrastructure Protection 11. (2015): 12-21. Print. *

Published Conference Proceedings: Romanowski, Carol, et al. "Regional Response to Large Scale Emergency Events: Building on Historical Data." Proceedings of the Ninth Annual IFIP WG 11.10 International Conference on Critical Infrastructure Protection. Ed. Sujeet Sheno and Mason Rice. Arlington, VA: n.p., 2015. Print. *

Published Conference Proceedings: Mishra, Sumita, et al. "On Building Cybersecurity Expertise in Critical Infrastructure Protection." Proceedings of the 2015 IEEE International Symposium on Technologies for Homeland Security (HST 2015). Ed. Gerald Larocque and Mike French. Boston, MA: IEEE, 2015. Web. *

Published Conference Proceedings: Schneider, Jennifer, et al. "Measurement of Locality Specific Resilience." Proceedings of the 2015 IEEE International Symposium on Technologies for Homeland Security (HST 2015). Ed. Gerald Larocque and Mike French. Boston, MA: IEEE, 2015. Web. *

Leonid Reznik, Professor

Journal Paper: Heyman, Andrew, et al. "Fuzzy System Design for Security and Environment Control Applications." International Journal of Uncertainty, Fuzziness, and Knowledge Based Systems 23. Suppl. 1 (2015): 43-56. Print. £

Journal Paper: K., Semenov., Reznik L., and Solopchenko G. "Fuzzy Intervals Application for Software Metrological Certification in Measurement and Information Systems." International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems 23. Suppl. 1 (2015): 95-104. Print. £

Journal Paper: Reznik, Leon and Sergey Lyshchevski. "Data Quality Indicators Composition and Calculus: Engineering and Information Systems Approaches." Sensors & Transducers 185. 2 (2015): 140-148. Print. £

Published Conference Proceedings: Weiss, Richard, et al. "Trust Evaluation in Mobile Devices: An Empirical Study." Proceedings of the The 14th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-15), Helsinki, Finland, 20-22 August, 2015. Ed. UNKNOWN. HELSINKI, FINLAND: IEEE COMPUTER SOCIETY, Print. * £

Carlos Rafael Rivero Osuna

Journal Paper: Rivero, Carlos R., et al. "Discovering and Analysing Ontological Models From Big RDF Data." Journal of Database Management 26. 2 (2015): 48-61. Print. *

Journal Paper: Rivero, Carlos R., et al. "MostoDEX: A Tool to Exchange RDF Data Using Exchange Samples." Journal of Systems and Software 100. (2015): 67-79. Print. *

Carol J Romanowski, Associate Professor

Published Conference Proceedings: Romanowski, Carol, et al. "Regional Response to Large Scale Emergency Events: Building on Historical Data." Proceedings of the Ninth Annual IFIP WG 11.10 International Conference on Critical Infrastructure Protection. Ed. Sujeet Sheno, Mason Rice. Arlington, VA: n.p., 2015. Print. *

Journal Paper: Romanowski, Carol, et al. "Regional Response to Large-scale Emergency Events: Building on Historical Data." International Journal of Critical Infrastructure Protection 11. (2015): 12-21. Print. *

Published Conference Proceedings: Mishra, Sumita, et al. "On Building Cybersecurity Expertise in Critical Infrastructure Protection." Proceedings of the 2015 IEEE International Symposium on Technologies for Homeland Security (HST 2015). Ed. Gerald Larocque, Mike French. Boston, MA: IEEE, 2015. Web. *

Published Conference Proceedings: Schneider, Jennifer, et al. "Measurement of Locality Specific Resilience." Proceedings of the 2015 IEEE International Symposium on Technologies for Homeland Security (HST 2015). Ed. Gerald Larocque, Mike French. Boston, MA: n.p., 2015. Web. *

Richard Zanibbi, Associate Professor

Invited Keynote/Presentation: Zanibbi, Richard. "Math Search for the Masses: Multimodal Search Interfaces and Appearance-Based Retrieval." Conference on Intelligent Computer Mathematics (CICM). CICM Conference. Washington, DC. 14 Jul. 2015. Keynote Speech.

Journal Editor: (Associate-Editor), Richard Zanibbi, ed. International Journal on Document Analysis and Recognition. Berlin: Springer, 2015. Print.

Published Conference Proceedings: Bigelow, Charles and Zanibbi, Richard. "Analysis Of Typographical Trends In European Printing 1470-1660." Proceedings of the Conf. of the American Printing History Association. Ed. American Printing History Assoc. Rochester, NY: n.p., 2015. Web. £

Invited Paper: Zanibbi, Richard and Orakwue, Awelemdu. "Math Search for the Masses: Multimodal Search Interfaces and Appearance-Based Retrieval." Intelligent Computer Mathematics (Proc. CICM). (2015). Print. Δ

Journal Paper: Chatbri, Houssein, et al. "Shape Matching using Keypoints Extracted from both the Foreground and the Background of Binary Images." Proc. Int'l Conf. Image Processing, Theory, Tools and Applications. (2015): 205-210. Print. *

Journal Paper: Stalker, David and Zanibbi, Richard. "Math Expression Retrieval Using an Inverted Index Over Symbol Pairs." Proc. Document Recognition and Retrieval (Proc. SPIE) 9402. (2015): 940207(1-12). Print. *

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. *

DEPARTMENT OF COMPUTING SECURITY

Daryl G Johnson, Associate Professor

Published Conference Proceedings: Alsaffar, Hassan and Daryl G Johnson. "Covert Channel Using the IP Timestamp Option of an IPv4 Packet." Proceedings of the International Conference on Electrical and Bio-medical Engineering, Clean Energy and Green Computing (EBECEGC 2015). Ed. Mohammad V. Malakooti. Dubai, UAE: n.p., 2015. Print. *

Published Conference Proceedings: Ackerman, Geoffrey, Johnson, Daryl, and Stackpole, Bill. "Covert Channel Using ICMPv6 and IPv6 Addressing." Proceedings of the The 2015 International Conference on Security and Management. Ed. Hamid R. Arabnia. Las Vegas, NV: n.p., 2015. Print. *

Published Conference Proceedings: Merrill, Justin and Johnson, Daryl. "Covert Channels in SSL Session Negotiation Headers." Proceedings of the The 2015 International Conference on Security and Management. Ed. Hamid R. Arabnia. Las Vegas, NV: n.p., 2015. Print. *

Published Conference Proceedings: Harmat, Bryan, et al. "The Security Implications of IMSI Catchers." Proceedings of the The 2015 International Conference on Security and Management. Ed. Hamid R. Arabnia. Las Vegas, NV: n.p., 2015. Print. *

Published Conference Proceedings: Harmat, Bryan, Stroud, Jared, and Johnson, Daryl. "A Covert Channel in the Worldwide Public Switched Telephone Network Dial Plan." Proceedings of the 10th ANNUAL SYMPOSIUM ON INFORMATION ASSURANCE. Ed. Sanjay Goel. Albany, NY: n.p., 2015. Print. *

Published Conference Proceedings: Priest, Joseph and Johnson, Daryl. "Covert Channel over Apple iBeacon." Proceedings of the The 2015 International Conference on Security and Management. Ed. Hamid R. Arabnia. Las Vegas, NV: n.p., 2015. Print. *

Published Conference Proceedings: Tentilucci, Matthew, et al. "Crowdsourcing Computer Security Attack Trees." Proceedings of the 10th ANNUAL SYMPOSIUM ON INFORMATION ASSURANCE. Ed. Sanjay Goel. Albany, NY: n.p., 2015. Print. *

Published Conference Proceedings: Heard, Timothy, Johnson, Daryl, and Stackpole, Bill. "Exploring a High-Capacity Covert Channel on the Android Operating System." Proceedings of the The 8 th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications. Ed. Anatoly Sachenko. Warsaw, Poland: n.p., 2015. Print. *

Published Conference Proceedings: Markowsky, G., et al. "The Benefits of Hosting the NEC-CDC at Your Institution." Proceedings of the The 2015 International Conference on Security and Management. Ed. Hamid R. Arabnia. Las Vegas, NV: n.p., 2015. Print. *

Sumita Mishra, Associate Professor

Journal Paper: Romanowski, Carol, et al. "Regional Response to Large-scale Emergency Events: Building on Historical Data." International Journal of Critical Infrastructure Protection 11. (2015): 12-21. Print. *

Published Conference Proceedings: Romanowski, Carol, et al. "Regional Response to Large Scale Emergency Events: Building on Historical Data." Proceedings of the Ninth Annual IFIP WG 11.10 International Conference on Critical Infrastructure Protection. Ed. Sujeet Sheno, Mason Rice. Arlington, VA: n.p., 2015. Print. *

Invited Article/Publication: Association, Computing Research. "Innovative Approaches to Computing Education." Computing Education Final Report. (2015). Web.

Published Conference Proceedings: Mishra, Sumita, et al. "On Building Cybersecurity Expertise in Critical Infrastructure Protection." Proceedings of the 2015 IEEE International Symposium on Technologies for Homeland Security (HST). Ed. Gerald Larocque, Mike French. Boston, MA: IEEE, 2015. Web. *

Published Conference Proceedings: Schneider, Jennifer, et al. "Measurement of Locality Specific Resilience." Proceedings of the 2015 IEEE International Symposium on Technologies for Homeland Security (HST). Ed. Gerald Larocque, Mike French. Boston, MA: IEEE, 2015. Web. *

Published Conference Proceedings: Pan, Yin, Schwartz, David, and Mishra, Sumita. "Gamified Digital Forensics Course Modules for Undergraduates." Proceedings of the 5th IEEE Integrated STEM Conference (2015). Ed. IEEE. Princeton, NJ: n.p., 2015. Print. *

Yin Pan, Associate Professor

Published Conference Proceedings: Pan, Yin, David Schwartz, and Sumita Mishra. "Gamified Digital Forensics Course Modules for Undergraduates." Proceedings of the IEEE Integrated STEM Education Conference. Ed. ISEC. Princeton, NJ: n.p., 2015. Print. «

Shows/Exhibits/Installations: Pan, Yin. Associate Professor. By Ryan McGlinn. 22 Oct. 2015. 2015 ATE Principal Investigators Conference, Washington DC. Exhibit. «

Shows/Exhibits/Installations: Pan, Yin. Gamified Digital Forensics Course Modules for Entry-Level Students Demonstration. By Sumita Mishra and David Schwartz. May 2015. the 24th Annual Conference on Instruction & Technology (CIT 2015), SUNY Geneseo. Performance. «

INFORMATION SCIENCES AND TECHNOLOGIES

Dan Bogaard, Associate Professor

Published Conference Proceedings: Morgan, Dave, Stephen J Zilora, and Daniel S Bogaard. "urHL7: An HL7 Parsing and Manipulation Library." Proceedings of the IEEE Healthcom '15. Ed. Joel Rodrigues. Boston, MA: n.p., 2015. Web. «

Published Conference Proceedings: Tentilucci, Matt, et al. "Crowdsourcing Computer Security Attack Trees." Proceedings of the Annual Symposium on Information Assurance (ASIA 15). Ed. Sanjay Goel. Albany, NY: n.p., 2015. Web. «

Charles Border, Associate Professor

Journal Paper: Charles, Border,. "An investigation of learning outcomes for MSc programs in Network and System Administration." Journal of Education in System Administration. (2015): 10-24. Web. *

Deborah Gears, Associate Professor

Published Conference Proceedings: Gears, Deborah, et al. "MOTIVATIVE COMPUTING: AN INTERDISCIPLINARY ANALYSIS AND DESIGN FRAMEWORK." Proceedings of the International Association for the Development of the Information Society (IADIS) 2016. Ed. N/A. Vilamoura, Algarve, Portugal: n.p., 2016. Web. *

Vicki L Hanson, Professor

Invited Article/Publication: Hanson, Vicki L, Anna Cavender, and Shari Trewin. "Writing about accessibility." interactions. (2015). Print. Δ

Journal Paper: Crabb, Michael and Hanson, Vicki L. "An Analysis of Age, Technology Usage, and Cognitive Characteristics within Information Retrieval Tasks." ACM Transactions on Accessible Computing. (2015): in press. Print. *

Journal Paper: Dee, Marianne and Vicki L Hanson. "A Pool of Representative Users for Accessibility Research: Seeing through the Eyes of the Users." ACM Transactions on Accessible Computing. (2015): in press. Print. *

Published Conference Proceedings: Nicolau, Hugo, et al. "Typing Performance of Blind Users: An Analysis of Touch Behaviors, Learning Effect, and In-Situ Usage." Proceedings of the ACM Conference on Accessible Computing (ASSETS'15, Lisbon, Portugal). Ed. J. Bigham. New York City, NY: ACM, 2015. Print. *

Published Conference Proceedings: Nicolau, Hugo, et al. "HoliBraille: Multipoint Vibrotactile Feedback on Mobile Devices." Proceedings of the W4A '15: Proceedings of the 12th Web for All Conference (May 18 - 20, 2015, Florence, Italy). Ed. Luis Carrico. New York City, NY: ACM, 2015. Print. *

Journal Paper: Medellin-Gasque, Rolando, Chris Reed, and Vicki L Hanson. "Recommendations to Support Interaction with Broadcast Debates: A Study On Older Adults Interaction with The Moral Maze." Artificial Intelligence and Society. (2015): 12 pages. Web. *

Published Conference Proceedings: Garcia, Paula and Vicki L Hanson. "Scalable Programming for the Analysis of Aphasia Transcripts. Winner: 3rd Prize for Best Poster." Proceedings of the Effective Access Technology. Ed. Ryne Raffaele and Dan Phillips. Rochester, NY: RIT, 2015. Web. £

Invited Keynote/Presentation: Hanson, Vicki L. "BESiDE: Built Environment for Social Inclusion in the Digital Economy." British Society for Gerontology Symposium. Oxford-Brookes University. Oxford, England. 20 Apr. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "Inclusive Technologies for Smart Cities." Smart City. IIIT. Allahabad, India. 14 Mar. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "Being a Woman in the Computing Profession." ACM-W India Meeting. ACM Distinguished Speaker Series. Allahabad, India. 15 Mar. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "Computing for Humans." womENCourage'15. ACM Distinguished Speaker Series. Uppsala, Sweden. 25 Sep. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "The Human Side of Computing." Distinguished Lecture Series 2015-16. Florida International University. Miami, FL. 4 Sep. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Hanson, Vicki L. "The Human Side of Computing." Software Development and Technologies for Enhancing Accessibility and Fighting Info-exclusion (DSAI 2015). Fraunhofer FIT. Sankt Augustin, Germany. 11 Jun. 2015. Keynote Speech. Δ

Published Conference Proceedings: Hanson, Vicki L, Webster, Gemma, and Dennis, Matt. "Workshop on Interactivity in Healthcare Systems." Proceedings of the Human-Computer Interaction - INTERACT 2015. Ed. J. Abascal, et al. Heidelberg, Germany: Springer, 2015. Print. £

Bruce Hartpence, Associate Professor

Published Conference Proceedings: Hartpence, Bruce and Andres Kwasinski. "Performance Evaluation of Networks with Physical and Virtual Links." Proceedings of the IEEE GLIS 2015. Ed. IEEE. Guadalajara, Mexico: IEEE, 2015. Print. «

Edward Holden, Associate Professor

Published Conference Proceedings: Kang, Jai W., Holden, Edward P., and Yu, Qi. "Pillars of Analytics Applied in MS Degree in Information Sciences and Technologies." Proceedings of the SIGITE 15. Ed. ACM. Chicago, IL: ACM, 2015. Web. *

Book Chapter: Kang, Jai W., et al. "Web-Based Implementation of Data Warehouse Schema Evolution." New Trends in Intelligent Information and Database Systems. Ed. Dariusz Barbuta, Ngoc Thanh Nguyen, and John Batubara. Switzerland, Switzerland: Springer, 2015. 313-322. Print. *

Matt Huenerfauth, Associate Professor

Published Conference Proceedings: Huenerfauth, Matt and Hernisa Kacorri. "Augmenting EMBR Virtual Human Animation System with MPEG-4 Controls for Producing ASL Facial Expressions." Proceedings of the The Fifth International Workshop on Sign Language Translation and Avatar Technology (SLTAT), Paris, France, April 9-10, 2015. Ed. Michael Filhol. Paris, France: n.p., 2015. Web. *

Journal Editor: Huenerfauth, Matt and McCoy, Kathleen F., ed. ACM Transactions on Accessible Computing, Volume 6, Issue 1. New York, NY: ACM, 2015. Print. *

Journal Editor: Huenerfauth, Matt and McCoy, Kathleen F., ed. ACM Transactions on Accessible Computing, Volume 6, Issue 2. New York, NY: ACM, 2015. Print. *

Journal Editor: Huenerfauth, Matt and McCoy, Kathleen F., ed. ACM Transactions on Accessible Computing, Volume 6, Issue 3. New York, NY: ACM, 2015. Print. *

Journal Paper: Huenerfauth, Matt and Hernisa Kacorri. "Best Practices for Conducting Evaluations of Sign Language Animation." Journal on Technology & Persons with Disabilities 3. (2015): 20-32. Web. *

Book Chapter: Kacorri, Hernisa and Matt Huenerfauth. "Comparison of Finite-Repertoire and Data-Driven Facial Expressions for Sign Language Avatars." Universal Access in Human-Computer Interaction. Access to Interaction Volume 9176 of the series Lecture Notes in Computer Science. Ed. Margherita Antona and Constantine Stephanidis. Cham, Switzerland: Springer International Publishing, 2015. 393-403. Print. *

Journal Editor: Huenerfauth, Matt and McCoy, Kathleen F., ed. ACM Transactions on Accessible Computing, Volume 6, Issue 4. New York, NY: ACM, 2015. Print. *

Journal Editor: Huenerfauth, Matt and Kathleen F. McCoy, ed. ACM Transactions on Accessible Computing, Volume 7, Issue 1. New York, NY: ACM, 2015. Print. *

Journal Editor: Huenerfauth, Matt and McCoy, Kathleen F., ed. ACM Transactions on Accessible Computing, Volume 7, Issue 2. New York, NY: ACM, 2015. Print. *

Journal Editor: Huenerfauth, Matt and McCoy, Kathleen F., ed. ACM Transactions on Accessible Computing, Volume 7, Issue 3. New York, NY: ACM, 2015. Print. *

Invited Keynote/Presentation: Huenerfauth, Matt. "Comparing Methods of Providing Feedback for Student Videos of American Sign Language." Language Science Research Mixer. Rochester Institute of Technology. Rochester, NY. 4 Nov. 2015. Lecture.

Published Conference Proceedings: Ebling, Sarah and Huenerfauth, Matt. "Bridging the gap between sign language machine translation and sign language animation using sequence classification." Proceedings of the SLPAT 2015: 6th Workshop on Speech and Language Processing for Assistive Technologies, Dresden, Germany, September 11, 2015. Ed. Jan Alexandersson, et al. Stroudsburg, PA: Association for Computational Linguistics, 2015. Web. «

Published Conference Proceedings: Kacorri, Hernisa and Matt Huenerfauth. "Evaluating a Dynamic TimeWarping Based Scoring Algorithm for Facial Expressions in ASL Animations." Proceedings of the SLPAT 2015: 6th Workshop on Speech and Language Processing for Assistive Technologies, Dresden, Germany, September 11, 2015. Ed. Jan Alexandersson, et al. Stroudsburg, PA: Association for Computational Linguistics, 2015. Web. «

Published Conference Proceedings: Huenerfauth, Matt, Lu, Pengfei, and Kacorri, Hernisa. "Synthesizing and Evaluating Animations of American Sign Language Verbs Modeled from Motion-Capture Data." Proceedings of the SLPAT 2015: 6th Workshop on Speech and Language Processing for Assistive Technologies, Dresden, Germany, September 11, 2015. Ed. Jan Alexandersson, et al. Stroudsburg, PA: Association for Computational Linguistics, 2015. Web. «

Invited Keynote/Presentation: Huenerfauth, Matt. "Learning to Generate Understandable Animations of American Sign Language." Center for Imaging Science Seminar. Rochester Institute of Technology. Rochester, NY. 9 Sep. 2015. Lecture.

Invited Keynote/Presentation: Huenerfauth, Matt. "Learning to Generate Understandable Animations of American Sign Language." Seminar, Ph.D. Program in Computing and Information Sciences. Rochester Institute of Technology. Rochester, NY. 8 May 2015. Lecture.

Invited Keynote/Presentation: Huenerfauth, Matt. "Learning to Generate Understandable Animations of American Sign Language." Seminar, Office of the Associate Dean for Research. National Technical Institute for the Deaf, Rochester Institute of Technology. Rochester, NY. 16 Apr. 2015. Lecture.

Invited Keynote/Presentation: Huenerfauth, Matt. "Conducting Experiments with People Who are Deaf to Evaluate ASL Technologies." Seminar, SIGCHI Chapter at RIT. Rochester Institute of Technology. Rochester, NY. 22 Apr. 2015. Lecture.

External Scholarly Fellowships/National Review Committee:

9/1/2014 - 8/31/2018

National Science Foundation

Amount: 537997 *

External Scholarly Fellowships/National Review Committee:

12/1/2015 - 12/31/2019
National Science Foundation
Amount: 449987 *

Published Conference Proceedings: Huenerfauth, Matt, et al. "Comparing Methods of Displaying Language Feedback for Student Videos of American Sign Language." Proceedings of the 17th International ACM SIGACCESS Conference on Computers & Accessibility (ASSETS '15), Lisbon, Portugal, October 2015. Ed. Yeliz Yesilada and Jeffrey P. Bigham. New York, NY: ACM, 2015. Print. «

Published Conference Proceedings: Kacorri, Hernisa, et al. "Demographic and Experiential Factors Influencing Acceptance of Sign Language Animation by Deaf Users." Proceedings of the 17th International ACM SIGACCESS Conference on Computers & Accessibility (ASSETS '15), Lisbon, Portugal, October 2015. Ed. Yeliz Yesilada and Jeffrey P. Bigham. New York, NY: ACM, 2015. Print. «

Published Conference Proceedings: Huenerfauth, Matt, et al. "Designing Tools to Facilitate Students Learning American Sign Language." Proceedings of the Effective Access Technologies Conference, Rochester, New York, USA. November 10, 2015. Ed. Dan Phillips. Rochester, NY: n.p., 2015. Web. £

External Scholarly Fellowships/National Review Committee:

8/20/2014 - 6/30/2016
National Science Foundation
Amount: 59964 *

Journal Editor: McCoy, Matt Huenerfauth, Kathleen F., ed. ACM Transactions on Accessible Computing, Volume 7, Issue 4. New York, NY: ACM, 2015. Print. *

Published Conference Proceedings: Kacorri, Hernisa, et al. "Measuring Participant Characteristics that Relate to Sign Language Technology Acceptance." Proceedings of the Effective Access Technologies Conference, Rochester, New York, USA. November 10, 2015. Ed. Dan Phillips. Rochester, NY: n.p., 2015. Web. £

Jai W Kang, Associate Professor

Published Conference Proceedings: Kang, Jai W., et al. "Web-Based Implementation of Data Warehouse Schema Evolution." Proceedings of the Asian Conference on Computer and Information Science and Engineering Kuala Lumpur, Malaysia December 18-19, 2014. Ed. Dariusz Barbucha, Ngoc Thanh Nguyen, John Batubara. Kuala Lumpur, Malaysia: Springer International Publishing, 2015. Print. *

Published Conference Proceedings: Kang, Jai W., Edward P. Holden, and Qi Yu. "Pillars of Analytics Applied in MS Degree in Information Sciences and Technologies." Proceedings of the ACM SIGITE 2015 16th Annual Conference on IT Education. September 30-October 3, 2015. Chicago, IL. Ed. Amber Settle & Terry Steibach. New York, NY: ACM, 2015. Print. «

Deborah M LaBelle, Lecturer

Published Conference Proceedings: LaBelle, Deborah, Verschage, Lana, and Barton, Amanda. "WiC: Paying it Forward." Proceedings of the ACM-W, New York Celebration of Women in Computing, Syracuse, NY, April 2015. Ed. ACM-W, NYCWIC Committee. Syracuse, NY: n.p., 2015. Web. Δ

Peter H Lutz, Professor

Published Conference Proceedings: Markowsky, George, et al. "The Benefits of Hosting the NECCDC at Your Institution." Proceedings of the The 2015 International Conference on Security and Management. Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2015. Web. «

Sharon Mason, Associate Professor

Published Conference Proceedings: Mason, S., et al. "AdvanceRIT Connect Grants: Driving Momentum for Disruptive Change for Women STEM Faculty." Proceedings of the ASEE Annual Conference and Exposition. Ed. . Seattle, WA: n.p., 2015. Web. *

Published Conference Proceedings: Bailey, M., et al. "Institutional Transformation Guided by a Multi-frame Organizational Analysis Approach." Proceedings of the ASEE Annual Conference and Exposition. Ed. . Seattle, WA: n.p., 2015. Web. *

Published Conference Proceedings: Marchetti, C., et al. "Collaboration: The Key to Leading Institutional Transformation." Proceedings of the ACM Grace Hopper Celebration of Women in Computing. Ed. . Houston, TX: n.p., 2015. Print. *

Tae Oh, Associate Professor

Journal Paper: Jeong, Jaehoon, et al. "SAINT: Self-Adaptive Interactive Navigation Tool for Cloud-Based Vehicular Traffic Optimization." IEEE Transactions on Vehicular Technology. (2015): pp.1-1. Web. «

Journal Paper: Kim, Youngho, Oh, Tae, and Kim, Jeongnyeo. "Analyzing User Awareness of Privacy Data Leak in Mobile Applications." Mobile Information Systems 2015. Article ID 369489 (2015): 12 pages. Print. «

Published Conference Proceedings: Dutia, Shobhit, Oh, Tae, and Young Ho Kim. "Developing Automated Input Generator for Android Mobile Device to Evaluate Malware Behaviour." Proceedings of the ACM SIGITE 2015. Ed. ACM. Chicago, IL: n.p., 2015. Print. £

Published Conference Proceedings: Dutia, Shobhit, et al. "Automated Input Generator to Detect Malicious Android Applications." Proceedings of the UKC 2015. Ed. UKC. Atlanta, GA: n.p., 2015. Web. Δ

Published Conference Proceedings: Jadhav, Suyash, et al. "Advanced Android Malware Detection Techniques Using Android Memory Dump." Proceedings of the UKC 2015. Ed. UKC. Atlanta, GA: n.p., 2015. Web. Δ

Published Conference Proceedings: Victoria, Patricia Iglesias, Behm, Gary, and Oh, Tae. "Intelligent Mobility Cane for People Who are Blind and Deaf-Blind: A Multidisciplinary Design Project That Assists People with Disabilities." Proceedings of the ASME 2015 International Mechanical Engineering Conference & Exposition. Ed. ASME. Houston, TX: n.p., Print. * £

Published Conference Proceedings: Jadhav, Suyash, et al. "Cloud-based Android Botnet Malware Detection System." Proceedings of the 17th IEEE International Conference on Advanced Communications Technology (IEEE ICAC 2015). Ed. ICAC. Phoenix Park, Korea: n.p., Print. * £

Published Conference Proceedings: Jadhav, Suyash, et al. "Mobile Device Penetration Testing Framework and Platform for the Mobile Device Security Course." Proceedings of the 17th IEEE International Conference on Advanced Communications Technology (IEEE ICAC 2015). Ed. ICAC. Phoenix Park, Korea: n.p., 2015. Print. *

Published Conference Proceedings: Campillo, Reiner and Oh, Tae. "Layer 2 Protocol to Protect the IP Communication in a Wired Ethernet Network." Proceedings of the ASIA 2015. Ed. ASIA. Albany, NY: n.p., 2015. Web. * £

Published Conference Proceedings: Oh, Tae and Suyash Jadhav. "Android Botnet Categorization and Family Detection Based on Behavioural and Signature Data." Proceedings of the IEEE 6th International Conference of Information and Communication Technology Convergence (IEEE ICTC),. Ed. ICTC. Jeju Island, Korea: n.p., 2015. Print. £

Published Conference Proceedings: Harmat, Bryan, et al. "The Security Implications of IMIS Catchers." Proceedings of the SAM 15 International Conference on Security and Management. Ed. SAM. Las Vegas, NV: n.p., 2015. Print. £

Published Conference Proceedings: Mislan, Rick and Oh, Tae. "Implementing Flipped Classroom Model in Mobile Device Security and Vulnerability Exploitation Course." Proceedings of the KOCSEA 2015. Ed. KOCSEA. Claremont, CA: n.p., 2015. Web. ~

Sylvia Perez-Hardy

Published Conference Proceedings: Perez-Hardy, Sylvia, et al. "The Security Implications of IMSI Catchers." Proceedings of the 2015 International Conference on Security and Management. Ed. Dr. Kevin Daimi. Detroit, MI: n.p., Web. *

Brian Tomaszewski, Assistant Professor

Full Length Book: Tomaszewski, Brian. Geographic Information Systems for Disaster Management. First ed. Boca Raton, FL: Taylor and Francis (Distributed Through CRC Press), 2015. Print. Δ ^

Journal Paper: Tomaszewski, Brian, et al. "Spatial Thinking Ability Assessment in Rwandan Secondary Schools: Baseline Results." Journal of Geography 114. 2 (2015): 1-10. Print. «

Journal Paper: Brian, Tomaszewski,, et al. "Geographic Information Systems for Disaster Response: A Review." Journal of Homeland Security and Emergency Management - Special issue on Information and Communication Technologies (ICT) and Crisis, Disaster, and Catastrophe Management 12. 3 (2015): 571-602. Web. «

Journal Paper: Goe, Michele, Gaustad, Gabrielle, and Tomaszewski, Brian. "Tradeoffs in Siting a Solar Photovoltaic Recovery Infrastructure." Journal of Environmental Management 160. (2015): 154-66. Print. «

Published Conference Proceedings: Tomaszewski, Brian, et al. "Spatial Thinking for Educational Innovation: The Rwandan Iwacu Project." Proceedings of the International Conference on Information and Communication Technologies and Development (ICTD 2015). Ed. Nanyang Technological University. Singapore, Singapore: n.p., Web. «

Published Conference Proceedings: Tomaszewski, Brian and Vodacek, Anthony. "Moving Toward Online Spatial Thinking and Geographic Education in the Developing World - A Rwandan Case Study." Proceedings of the Association of American Geographers Annual Conference. Ed. AAG. Chicago, Illinois: n.p., Web.

Published Conference Proceedings: Tomaszewski, Brian, Fahed Alhaj Mohamad, and Yusuf Hamad. "Refugee Situation Awareness: Camps and Beyond." Proceedings of the Humanitarian Technology: Science, Systems and Global Impact 2015, HumTech2015. Ed. Andy Vidan. Boston, MA: n.p., Web. *

Published Conference Proceedings: Xu, Ying, Maitland, Carleen, and Tomaszewski, Brian. "Promoting Participatory Community Building in Refugee Camps with Mapping Technology." Proceedings of the International Conference on Information and Communication Technologies and Development (ICTD 2015). Ed. ICTD. Nanyang Technological University, Singapore: n.p., Web. *

Published Game, Application or Software: Tomaszewski, Brian, Heintz, Andrew, and Mupenzi, Jules. Iwacu Spatial Thinking Android App. Phone or Smart Device App. Google Play. 2015.

Published Game, Application or Software: Tomaszewski, Brian and Siddesh Pillali. ViruWiga Mobile Medical Education Android App. Phone or Smart Device App. Google Play. 2015.

Invited Keynote/Presentation: Tomaszewski, Brian. "Invited Lecture." Prince Abdullah Bin Ghazi Faculty of Information Technology. Al-Balqa Applied University. Al-Balqa, Jordan. 15 Nov. 2015. Guest Lecture.

Qi Yu, Associate Professor

Journal Paper: Bouguettaya, Athman, et al. "Efficient agglomerative hierarchical clustering." Expert Syst. Appl. 42. 5 (2015): 2785-2797. Print. * £

Journal Paper: Yu, Qi. "CloudRec: A Framework for Personalized Service Recommendation in the Cloud." *Knowl. Inf. Syst.* 43. 2 (2015): 417-443. Print. * £

Journal Paper: Wu, Jian, et al. "Trust-aware Media Recommendation in Heterogeneous Social Networks." *World Wide Web* 18. 1 (2015): 139-157. Print. * £

Published Conference Proceedings: Jain, Aditi, Xumin, Liu, and Yu, Qi. "Aggregating Functionality, Use History, and Popularity of APIs to Recommend Mashup Creation." *Proceedings of the Service-Oriented Computing - 13th International Conference, ICSOC 2015, Goa, India, November 16-19, 2015*. Ed. Alistair Barros, et al. New York, NY: Springer, Print. * £

Published Conference Proceedings: Wang, Hongbing, et al. "Integrating Gaussian Process with Reinforcement Learning for Adaptive Service Composition." *Proceedings of the Service-Oriented Computing - 13th International Conference, ICSOC 2015, Goa, India, November 16-19, 2015*. Ed. Alistair Barros, et al. New York, NY: Springer, Print. * £

Published Conference Proceedings: Liu, Xumin, et al. "Extracting, Ranking, and Evaluating Quality Features of Web Services through User Review Sentiment Analysis." *Proceedings of the 2015 IEEE International Conference on Web Services, ICWS 2015, New York, NY, USA, June 27 - July 2, 2015*. Ed. John A. Miller and Hong Zhu. New York, NY: IEEE, Web. * £

Published Conference Proceedings: Chen, Liang, et al. "WS-HFS: A Heterogeneous Feature Selection Framework for Web Services Mining." *Proceedings of the 2015 IEEE International Conference on Web Services, ICWS 2015, New York, NY, USA, June 27 - July 2, 2015*. Ed. John A. Miller and Hong Zhu. New York, NY: IEEE, Web. * £

Published Conference Proceedings: Yu, Qi, Wang, Hongbing, and Chen, Liang. "Learning Sparse Functional Factors for Large-Scale Service Clustering." *Proceedings of the 2015 IEEE International Conference on Web Services, ICWS 2015, New York, NY, USA, June 27 - July 2, 2015*. Ed. John A. Miller and Hong Zhu. New York, NY: IEEE, Web. * £

Published Conference Proceedings: Wan, Yao, et al. "Time-Aware API Popularity Prediction via Heterogeneous Features." *Proceedings of the 2015 IEEE International Conference on Web Services, ICWS 2015, New York, NY, USA, June 27 - July 2, 2015*. Ed. John A. Miller and Hong Zhu. New York, NY: IEEE, Web. * £

Published Conference Proceedings: Wang, Hongbing, Zhou, Shuxiang, and Yu, Qi. "Discovering Web Services to Improve Requirements Decomposition." *Proceedings of the 2015 IEEE International Conference on Web Services, ICWS 2015, New York, NY, USA, June 27 - July 2, 2015*. Ed. John A. Miller and Hong Zhu. New York, NY: IEEE, Web. * £

Published Conference Proceedings: Kang, Jai, Holden, Edward P., and Yu, Qi. "Pillars of Analytics Applied in MS Degree in Information Sciences and Technologies." *Proceedings of the Proceedings of the 16th Annual Conference on Information Technology Education, SIGITE 2015, Chicago, Illinois, USA, September 30 - October 3, 2015*. Ed. Amber Settle, Terry Steinbach, and Deborah Boisvert. New York, NY: ACM, Web. * £

Book Chapter: Kang, Jai W, et al. "Web-Based Implementation of Data Warehouse Schema Evolution." *New Trends in Intelligent Information and Database Systems*. New York, NY: Springer, 2015. 313-322. Web. * £

Published Conference Proceedings: Bullard, Joseph, et al. "Inference from Structured and Unstructured Electronic Medical Data for Dementia Detection." *Proceedings of the 14th INFORMS Computing Society Conference Richmond, Virginia, January 11-13, 2015*. Ed. Brian Borchers, J. Paul Brooks, and Laura McLay. Baltimore, MD: INFORMS, Web. * £

Book Chapter: Naik, Sanket Anil and Yu, Qi. "Evolutionary Influence Maximization in Viral Marketing." Recommendation and Search in Social Networks. New York, NY: Springer, 2015. 217-247. Web. * £

Steve Zilora, Associate Professor

Published Conference Proceedings: Morgan, David, Zilora, Stephen, and Bogaard, Daniel. "urHL7: An HL7 Parsing and Manipulation Library." Proceedings of the IEEE Healthcom '15, Boston, October 14-17, 2015. Ed. Joel Rodrigues. Boston, MA: IEEE, Print. «

Published Conference Proceedings: Zilora, Stephen. "Industry - Emulated Projects in the Classroom." Proceedings of the SIGITE '15: Proceedings of the 16th Annual Conference on IT Education, Chicago, Sep. 30- Oct 3, 2015. Ed. ACM. New York, NY: ACM, Print. «

PHD PROGRAM

Anne Haake, Professor

Published Conference Proceedings: Vaidyanathan, Preethi, et al. "Alignment of Eye Movements and Spoken Language for Semantic Image Understanding." Proceedings of the Proceedings of the 11th International Conference on Computational Semantics. Ed. unknown. London, UK: ACLweb.org, 2015. Web. «

Charles D Roberts

Shows/Exhibits/Installations: Roberts, Charles. Blinky Gibberings. 26 Sep. 2015. International Computer Music Conference, Denton, TX. Performance. *

Pengcheng Shi, Professor

Journal Editor: Ayache, Nichlos and James Duncan, ed. Medical Image Analysis. Maryland Heights, MO 63043: Elsevier, 2015. Print. *

Journal Editor: Shi, Pengcheng and et al, ed. Computational and Mathematical Methods in Medicine. New York: Hindawi, 2015. Web. *

Journal Paper: Chen, Shuhang, et al. "Sparse Representation and Dictionary Learning Penalized Image Reconstruction for Positron Emission Tomography." Physics in Medicine and Biology 60. 2 (2015): 807-823. Print. *

Journal Paper: Liu, Huafeng, et al. "PET Image Reconstruction: Mean, Variance, and Optimal Minimax Criterion." Journal of Physics D: Applied Physics 48. (2015): 155401. Print. *

Journal Paper: Chen, Shuhang, et al. "Simultaneous Reconstruction and Segmentation of Dynamic PET via Low-Rank and Sparse Matrix Decomposition." IEEE Transactions on Biomedical Engineering 62. 7 (2015): 1784-1795. Print. *

Journal Paper: Elsharif, Mohamed M., Pengcheng Shi, and Elizabeth M. Cherry. "Representing Variability and Transmural Differences in a Model of Human Heart Failure." IEEE Journal of Biomedical and Health Informatics 19. 4 (2015): 1308-1320. Print. *

Book Chapter: Gao, Fei and Pengcheng Shi. "Computational Methods for Molecular Imaging." Computational Methods for Molecular Imaging. Ed. Fei Gao, Kuangyu Shi, and Shuo Li. Cham, Switzerland: Springer, 2015. 3014. Print. *

Book Chapter: Xu, Jingjia, et al. "Dual Estimation of Activity Maps and Kinetic Parameters for Dynamic PET Imaging." Computational Methods for Molecular Imaging. Ed. Fei Gao, Kuangyu Shi, and Shuo Li. Cham, Switzerland: Springer, 2015. 71-79. Print. *

Journal Paper: Yu, Xingjian, et al. "Sparse/Low Rank Constrained Reconstruction for Dynamic PET Imaging." PLoS One. (2015): 1-18. Web. *

Linwei Wang, Assistant Professor

Journal Paper: Rahimi, Azar and Linwei Wang. "Sensitivity of Noninvasive Cardiac Electrophysiological Imaging to Variations in Personalized Anatomical Modeling." IEEE Transactions on Biomedical Imaging. (2015): in press. Print. *

Journal Paper: Rahimi, Azar and Wang, Linwei. "Sensitivity of Noninvasive Cardiac Electrophysiological Imaging to Variations in Personalized Anatomical Modeling." IEEE Transactions on Biomedical Imaging 62. 6 (2015): 1563-1575. Print. *

Journal Paper: Rahimi, Azar, et al. "Examining the Impact of Prior Models in Transmural Electrophysiological Imaging: A Hierarchical Multiple-Model Bayesian Approach." IEEE Transactions on Medical Imaging. (2015): in press. Print. *

Journal Paper: Horacek, B. Milan, et al. "Noninvasive Electrocardiographic Imaging of Chronic Myocardial Infarct Scar." Journal of Electrocardiology 48. 6 (2015): 952-958. Web. *

Journal Paper: Aras, Kedar, et al. "Experimental Data and Geometric Analysis Repository -- Edgar." Journal of Electrocardiology 48. 6 (2015): 975-981. Web. *

Published Conference Proceedings: Xu, Jingjia, et al. "Robust Transmural Electrophysiological Imaging: Integrating Sparse and Dynamic Physiological Models into ECG- Based Inference,." Proceedings of the Medical Image Computing and Computer-Assisted Intervention (MICCAI),. Ed. Nassir Navab, et al. Germany, Munich: Springer, Web. «

Published Conference Proceedings: Paul, Will, et al. "Stressed Out: What Speech Tells Us About Stress." Proceedings of the Interspeech, Dresden, Germany. n.p., Web. *

Published Conference Proceedings: Bethamcherla, Vasudev, et al. "Face-Speech Sensor Fusion for Nonintrusive Stress Detection." Proceedings of the Facial Analysis, Animation, and Auditory-Visual Speech Processing (Vienna, Austria, September 2015). n.p., Web. *

Published Conference Proceedings: Coll-Font, Jaume, et al. "Valuation of 2-Norm Versus Sparsity Regularization in Spline-Based Joint Reconstruction of Epicardial and Endocardial Potentials from Body-Surface Measurements,." Proceedings of the Computing in Cardiology. n.p., Web. *

Invited Keynote/Presentation: Wang, Linwei. "Integrating Physics-Based Models into Transmural Electrocardiographic Imaging: Opportunities and Challenges." ECG-Imaging Workshop. KIT. Bad Herrenalb, Germany. 27 Mar. 2015. Keynote Speech.

National/International Competition Award Winner: Wang, Linwei, Shontz, Suzanne, and Hacker, Thomas. National Science Foundation. Participant Support for the 2015 NSF Cyber-Bridges Workshop. Arlington, VA, 2015. ≠

SCHOOL OF INTERACTIVE GAMES AND MEDIA

Adrienne Decker, Assistant Professor

Full Length Book: Alphonse, Carl and Decker, Adrienne. An Introduction to Object-Oriented Programming and Problem Solving. 1 ed. New York, NY: Pearson, 2105. Web.

Journal Editor: Decker, Adrienne, et al, ed. Proceedings of the 46th ACM Technical Symposium on Computer Science Education. New York: Association of Computing Machinery, 2015. Print. «

Published Conference Proceedings: Decker, Adrienne, Eiselt, Kurt, and Voll, Kimberly. "Understanding and Improving the Culture of Hackathons: Think Global Hack Local." Proceedings of the Frontiers in Education 2015 (El Paso, TX). Ed. FIE. New York, NY: IEEE, 2015. Print. ~

Published Conference Proceedings: Decker, Adrienne and Egert, Christopher A. "Is This Thing On? Determining Comfort Level with Communication Skills in a Technical Discipline." Proceedings of the Frontiers in Education 2015 (El Paso, TX). Ed. FIE. New York, NY: IEEE, 2015. Print. ~

Published Conference Proceedings: McGill, Monica M., Decker, Adrienne, and Settle, Amber. "Does Outreach Impact Choices of Major for Underrepresented Undergraduate Students?" Proceedings of the International Conference on International Computing Education Research (ICER '15) [Omaha, NE]. Ed. SIGCSE. New York, NY: Association of Computing Machinery, 2015. Print. «

Invited Keynote/Presentation: Decker, Adrienne. "Computing Outreach Literature Review." RESPECT 2015. IEEE STCBP. Charlotte, NC. 14 Aug. 2015. Conference Presentation. ~

Owen A Gottlieb, Assistant Professor

Journal Paper: Gottlieb, Owen and Ayala Fader. "Occupy Judaism: Religion, Digital Media, and the Public Sphere." *Anthropological Quarterly* 88. 3 (2015): 759-793. Print. *

Book Chapter: Gottlieb, Owen. "Jewish Games for Learning: Renewing Heritage Traditions in the Digital Age." *Digital Judaism: Jewish Negotiations with Digital Media and Culture*. Ed. Heidi A. Campbell. New York, New York: Routledge, 2015. 91-109. Print. ~

Journal Paper: Gottlieb, Owen. "Current Key Perspectives in Video Gaming and Religion: Theses by Owen Gottlieb." *Gamevironments* 1. 3 (2015): 18-25. Web. ~

Shows/Exhibits/Installations: Gottlieb, Owen. *Jewish Time Jump*: New York (Featured Video Game and Poster). 24 Apr. 2015. DBMK: Diversifying Barbie and Mortal Kombat, an NSF Sponsored Workshop on Gender, Diversity, and Serious Games, Philadelphia. Exhibit. ~

Published Conference Proceedings: Gottlieb, Owen. "Time Travel, Women's Labor Organizing, and Ethnic Identity: Catalyzing the Null Curriculum in GPS Mobile Augmented Reality History Gaming." Proceedings of the Challenge the Past/Diversify the Future. Ed. Jonathan Westin, Anna Foka, and Adam Chapman. Gothenburg, Sweden: University of Gothenburg, 2015. Print. ~

Invited Keynote/Presentation: Gottlieb, Owen and Braniff, William. "Games at the Intersection of Religion, Culture, and Policy: Video Games and Countering Violent Extremism (CVE)." Games + Higher Education + National Impact. Wilson Center. Washington, DC. 10 Dec. 2015. Conference Presentation. ~

Invited Keynote/Presentation: Gottlieb, Owen. "Design Principles for Narrative Games." Games Learning Society ARIS Summit 2015. Games Learning Society. Madison, WI. 7 Jul. 2015. Conference Presentation. ~

Invited Keynote/Presentation: Gottlieb, Owen. "ARIS 2.0." Games Learning Society ARIS Summit 2015. Games Learning Society. Madison, WI. 7 Jul. 2015. Conference Presentation. ~

Invited Keynote/Presentation: Gottlieb, Owen, et al. "Videogaming and Religion Seminar: Crafting the Study of Religion and Video Games: A Roundtable Discussion of Key Perspectives." AAR Annual Meeting, 2016. AAR. Atlanta, GA. 23 Nov. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Gottlieb, Owen. "Talmud as Game System: Aspects of Digital Judaism Chapter: Jewish Games for Learning Renewing Heritage Traditions in the Digital Age." AAR Annual Meeting, 2016. AAR. Atlanta, GA. 23 Nov. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Gottlieb, Owen, et al. "Playtesting Games 2: The Sequeling (game from Gottlieb: Codename: Purple)." Games Learning Society 2015. Games Learning Society. Madison, Wisconsin. 8 Jul. 2015. Conference Presentation. ~

Invited Keynote/Presentation: (Discussant/Moderator), Owen Gottlieb, et al. "Games for Insight & Innovation." Games Learning Society 2015. Games Learning Society. Madison, Wisconsin. 9 Jul. 2015. Conference Presentation.

Invited Keynote/Presentation: Gottlieb, Owen. "Mobile History Gaming: Tikkun Olam and Civic & Democratic Education." Network for Research in Jewish Education/Association for the Social Scientific Study of Jewry joint Conference 2015. Hebrew Union College - Jewish Institute of Religion. New York, New York. 11 Jun. 2015. Conference Presentation. *

Invited Keynote/Presentation: Gottlieb, Owen. "Time Travel, Women's Labor Organizing, and Ethnic Identity: Catalyzing the Null Curriculum in GPS Mobile Augmented Reality History Gaming." Challenge the Past/Diversify the Future: A Critical Approach to Multi-Sensory Representations of History and Culture. University of Gothenburg. Gothenburg, Sweden. 20 Mar. 2015. Conference Presentation. *

Charles D Roberts

Journal Paper: Roberts, Charles, Graham Wakefield, and Matthew Wright. "Designing Musical Instruments for the Browser." *Computer Music Journal* 39. 1 (2015): 27 - 40. Print. Δ

Published Conference Proceedings: Roberts, Charles, Wright, Matthew, and Kuchera-Morin, JoAnn. "Music Programming in Gibber." *Proceedings of the 2015 International Computer Music Conference*. Ed. Richard Dudas. San Francisco, CA: International Computer Music Association, Web. «

Published Conference Proceedings: Rosli, Muhammad Hafiz Wan, et al. "Ensemble Feedback Instruments." *Proceedings of the 2015 International Conference on New Interfaces for Musical Expression*, Baton Rouge, Louisiana. Ed. Edgar Berdahl and Jesse Allison. Baton Rouge, LA: n.p., Web. «

Shows/Exhibits/Installations: Roberts, Charles. Visual Gibberings. 27 Oct. 2015. IEEE VIS Arts Program (VISAP), Chicago, IL. Performance. *

Published Conference Proceedings: Roberts, Charles, Matthew Wright, and JoAnn Kuchera-Morin. "Beyond Editing: Extended Interaction with Textual Code Fragments." *Proceedings of the 2015 International Conference on New Interfaces for Musical Expression*, Baton Rouge, Louisiana. Ed. Edgar Berdahl and Jesse Allison. Baton Rouge, Louisiana: n.p., Web. «

Published Conference Proceedings: Roberts, Charles, et al. "Sharing Time and Code in a Browser-Based Live Coding Environment." *Proceedings of the 2015 International Conference on Live Coding*, Leeds, UK. Ed. McLean, Alex. Leeds, UK: ICSRIM, University of Leeds, 2015. Web. «

Shows/Exhibits/Installations: Roberts, Charles. Gibberings and Mutterings. 15 Jun. 2015. International Conference on Live Coding, Leeds, UK. Performance. *

Shows/Exhibits/Installations: Roberts, Charles. Blinky Gibberings. 3 Jun. 2015. International Conference on New Interfaces for Musical Expression, Baton Rouge, LA. Performance. *

David Schwartz, Associate Professor

Published Conference Proceedings: Pan, Yin, Schwartz, David I., and Mishra, Sumita. "Gamified Digital Forensic Course Modules for Undergraduates." *Proceedings of the Proc. of the 5th IEEE Integrated STEM Education Conference*. Ed. Susan Donohue and Ashutosh Dutta. Princeton, NJ: n.p., 2015. Web. *

David W Simkins, Assistant Professor

Full Length Book: Simkins, David. *The Arts of LARP: Design, Literacy, Learning and Community in Live-Action Role Play*. Jefferson, NC: McFarland, 2015. Print. ^

SOFTWARE ENGINEERING

Daniel Krutz, Lecturer

Published Conference Proceedings: Krutz, Daniel and Mehdi Mirakhorl. "Architectural Clones: Toward Tactical Code Reuse." Proceedings of the Symposium of Applied Computing. Ed. SAC. Pisa, Italy, Italy: n.p., Print. «

Samuel A Malachowsky

Published Conference Proceedings: Malachowsky, Samuel A and Krutz, Daniel E. "A Project Component in a Web Engineering Course." Proceedings of the Frontiers in Education Conference (FIE15) 2015. Ed. Unknown. El Paso, TX: n.p., 2015. Print. «

Published Conference Proceedings: Krutz, Daniel E, Meneely, Andrew, and Malachowsky, Samuel A. "An Insider Threat Activity in a Software Security Course." Proceedings of the Frontiers in Education Conference (FIE15) 2015. Ed. Unknown. El Paso, TX: n.p., 2015. Print. «

Published Conference Proceedings: Krutz, Daniel E., Malachowsky, Samuel A., and Shihab, Emad. "Examining the Effectiveness of Using Concolic Analysis to Detect Code Clones." Proceedings of the ACM Symposium on Applied Computing (SAC15). Ed. Unknown. Salamanca, Spain, Salamanca: n.p., 2015. Print. «

Published Conference Proceedings: Malachowsky, Samuel A. "Implementing Project Managers in the Software Engineering Classroom." Proceedings of the American Society for Engineering Education Annual Conference and Exposition 2015. Ed. Unknown. Seattle, WA: n.p., 2015. Print. «

Published Conference Proceedings: Krutz, Daniel E., et al. "A Dataset of Open-Source Android Applications." Proceedings of the 2015 12th Working Conference on Mining Software Repositories. Ed. Unknown. Florence, Italy, FL: n.p., 2015. Print. «

Published Conference Proceedings: Krutz, Daniel E., et al. "Enhancing the Educational Experience for Deaf and Hard of Hearing Students in Software Engineering." Proceedings of the Frontiers in Education Conference (FIE15) 2015. Ed. Unknown. El Paso, TX: n.p., 2015. Print. «

Andy Meneely, Assistant Professor

Book Chapter: Meneely, Andrew. "Analyzing Security Data." The Art and Science of Analyzing Software Data: Analysis Patterns. online, n/a: Elsevier, 2015. Unknown. Web.

Meiyappan Nagappan

Journal Paper: Nagappan, Meiyappan, Hammad Khalid, and Ahmed E. Hassan. "Examining the Relationship between FindBugs Warnings and End User Ratings: A Case Study on 10,000 Android." Software, IEEE PP. 99 (2015): 1. Print.

**CIVIL ENGINEERING TECHNOLOGY,
ENVIRONMENTAL MANAGEMENT AND SAFETY**

Amanda Bao, Assistant Professor

Journal Paper: Bao, Yu and Zhuonan Song, Yi Huang, Weiwei Xu, Lei Wang, Shiguang Li, Miao Yu. "Continuously Adjustable, Molecular-Sieving "Gate" on 5A Zeolite for Distinguishing Small Organic Molecules by Size." Scientific Reports/published by the Nature Publishing Group 5. Article No. 13981 (2015): Article No. 13981. Web. *

Harry G Cooke

Published Conference Proceedings: Cooke, Harry G. and md Abdullah Al Faruque. "Impact of Upgrading Equipment for Strength of Materials Labs on Student Perceptions, Motivation, and Learning." Proceedings of the 2015 ASEE Annual Conference. Ed. American Society for Engineering Education. Washington, DC: American Society for Engineering Education, 2015. Web. «

md Abdullah al Faruque, Assistant Professor

Published Conference Proceedings: Faruque, Md Abdullah Al and Harry G Cooke. "Impact of Upgrading Equipment for Strength of Materials Labs." Proceedings of the 122nd ASEE Annual Conference & Exposition. Ed. ASEE. Seattle, WA: ASEE (American Society of Engineering Education), 2015. Print. «

Published Conference Proceedings: Faruque, Md Abdullah Al and Ram Balachandar. "Variation of Streamwise and Vertical Turbulence Intensity in a Smooth and Rough Bed Open Channel Flow." Proceedings of the ICCSE 2015: 17th International Conference on Civil, Environmental and Structural Engineering. Ed. Waset. Dubai, UAE: International Science Index, 2015. Print. «

Lisa L Greenwood, Lecturer

Published Conference Proceedings: Dereinda, Fahmi and Lisa Greenwood. "Environmental Management System Risks and Opportunities: A Case Study in Pertamina Geothermal Energy Area Kamojang." Proceedings of the World Geothermal Congress 2015. Ed. Roland Horne. Stanford, CA: n.p., 2015. Web. £ ~

Invited Keynote/Presentation: Greenwood, Lisa. "ISO 14001 Risks and Opportunities: Key Perspectives and Benefits, Perceived Challenges." Revision of ISO 14001 - Update and Developing Country Public Workshop. Bureau of Indian Standards. Delhi, India. 8 Sep. 2015. Conference Presentation.

Invited Keynote/Presentation: Greenwood, Lisa. "ISO 14001:2015 - Revisions and Implications." ANAB Professional Development Conference. ANSI-ASQ National Accreditation Board. Tampa, FL. 28 Jan. 2015. Conference Presentation.

Invited Keynote/Presentation: Greenwood, Lisa. "ISO 14001 and the New ISO Management Systems Standards Model." AWMA Genesee--Finger Lakes Chapter Meeting - April. Air and Waste Management Assn - Genesee Finger Lakes Chapter. Rochester, NY. 15 Apr. 2015. Conference Presentation.

Jennifer Schneider, Professor

Published Conference Proceedings: Romanowski, Carol and Rajendra Raj, Jennifer Schneider, Sumita Mishra, Vinay Shivshankar, Srikant Ayendar, Fernanado Cueva. "Regional Response to Large Scale Emergency Events: Building on Historical Data." Proceedings of the Ninth Annual IFIP WG 11.10 International Conference on Critical Infrastructure Protection. Ed. Sujeet Sheno, Mason Rice. Arlington, VA: n.p., 2015. Print. *

FEATURED FACULTY

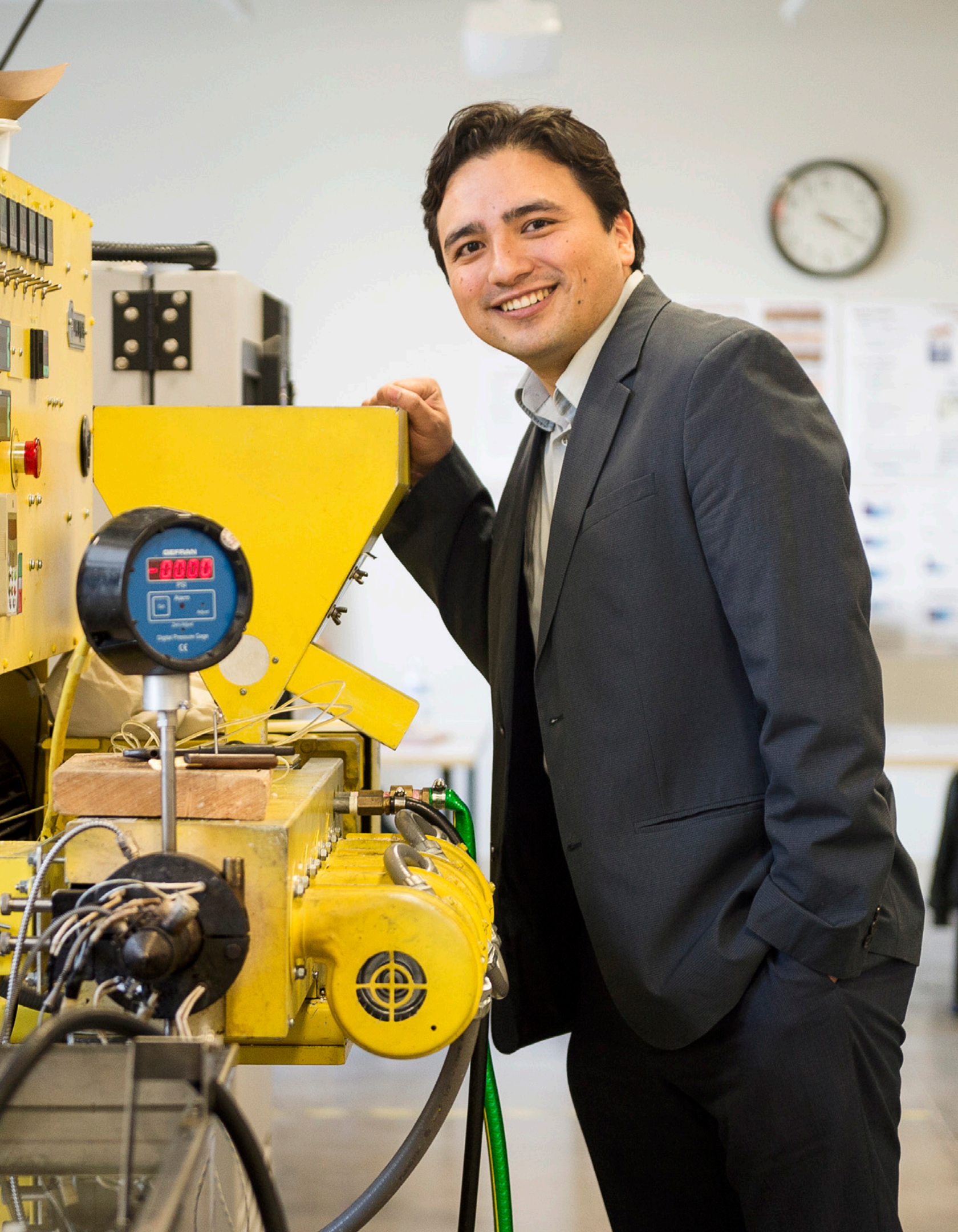
CARLOS DIAZ IS AN ASSISTANT PROFESSOR IN THE DEPARTMENT OF PACKAGING SCIENCE AT RIT. HE WORKS WITH RIT'S CENTER FOR SUSTAINABLE PACKAGING TO DEVELOP NEW GENERATION MATERIALS AND PACKAGING SOLUTIONS THAT REDUCE FOOD AND ENERGY WASTE. HE CHAIRS THE SUSTAINABLE PACKAGING WORKING GROUP FOR THE INTERNATIONAL ASSOCIATION OF PACKAGING RESEARCH INSTITUTES (IAPRI).

He has focused on engaging undergraduate and master students in research. With funding from New York State Pollution Prevention Institute (NYSP2I) he has looked at ways to improve the performance of biodegradable plastics which in turn could support compostable waste streams. In collaboration with Dr. Christiaan Richter in Chemical Engineering, they investigated the oxygen scavenging abilities of titanium oxide nanotubes. Through experiments conducted by RIT undergraduate students, they demonstrated the nanotubes can remove oxygen 2400 times faster than current commercial oxygen scavengers. The results were published in Nature Nanotechnology.

His research interests include packaging technologies based on plastic materials, bio-based plastics and composites, nanotechnology in packaging, microcellular foaming and Design of Experiments (DOE). He co-authored the Vinyl Alcohol Polymers chapter in the second edition of the Handbook of Thermoplastics released this past December. Prior to joining RIT, Dr. Diaz was a research associate for the School of Packaging at Michigan State University where he studied migration of nano-components in nano-clay/polymer composite films for food contact application. His doctoral dissertation dealt with "Continuous Microcellular Foaming of Polylactic Acid/Natural Fiber Composites."

CARLOS DIAZ
ASSISTANT PROFESSOR
PACKAGING SCIENCE
COLLEGE OF APPLIED SCIENCES & TECHNOLOGY





Published Conference Proceedings: Martinez-Moyano, Ignacio and John Hummel, Paul Lewis, Jennifer Schneider. "Feeding Future's Cities: Challenges in an Uncertain World." Proceedings of the United Nations's First Mediterranean Conference on Food Supply and Distribution Systems in Urban Environments. Ed. unk. Rome, Italy: United Nations, 2015. Web. *

Published Conference Proceedings: Hummel, John and Paul Lewis, Jennifer Schneider, L. Talaber. "Paul Lewis, Jennifer Schneider, L. Talaber." Proceedings of the Disaster Resilience. Ed. unk. Philadelphia, PA: n.p., 2015. Web. *

Invited Article/Publication: Schneider, Jennifer. "Creating Resilient Communities in the Face of Manmade and Natural Disasters." Rochester Engineering Society. (2015). Print. ^

Journal Paper: Romanowski, Carol and Rajendra Raj, Jennifer Schneider, Sumita Mishra, Vinay Shivshankar, Srikant Ayendar, Fernando Cueva. "Regional Response to Large-scale Emergency Events: Building on Historical Data." International Journal of Critical Infrastructure Protection 11. (2015): 12-21. Print. *

Published Conference Proceedings: Mishra, Sumita and Rajendra K. Raj, Carol Romanowski, Jennifer Schneider, Anthony Critelli. "On Building Cybersecurity Expertise in Critical Infrastructure Protection." Proceedings of the 2015 IEEE International Symposium on Technologies for Homeland Security (HST 2015). Ed. Gerald Larocque, Mike French. Boston, MA: IEEE, 2015. Web. *

Published Conference Proceedings: Schnedier, Jennifer and Carol Romanowski, Rajendra K. Raj, Sumita Mishra, Kent Stein. "Measurement of Locality Specific Resilience." Proceedings of the 2015 IEEE International Symposium on Technologies for Homeland Security (HST 2015). Ed. Gerald Larocque, Mike French. Boston, MA: n.p., 2015. Web. *

Maureen S Valentine, Professor

Published Conference Proceedings: Valentine, Maureen, et al. "Institutional Transformation Guided by a Multi-frame Organizational Analysis Approach." Proceedings of the American Society for Engineering Education 2015. Ed. American Society for Engineering Education. Seattle, WA: n.p., 2015. Web. «

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 2016 Conference for Industry and Education Collaboration. Ed. American Society for Engineering Education. Austin, Texas: n.p., Web. «

Published Conference Proceedings: Valentine, Maureen, et al. "Collaboration: The Key to Leading Institutional Transformation." Proceedings of the Grace Hopper 2015. Ed. Grace Hopper. Houston, Texas: n.p., Web. «

Published Conference Proceedings: Valentine, Maureen, et al. "AdvanceRIT Connect Grants: Driving Momentum for Disruptive Change for Women STEM Faculty." Proceedings of the American Society for Engineering Education 2015. Ed. American Society for Engineering Education. Seattle, WA: n.p., Web. «

Scott B Wolcott, Professor

Invited Keynote/Presentation: Wolcott, Scott. "PERFORMANCE OF GREEN WALL TREATMENT OF BREWERY WASTEWATER." International Conference on Living Walls and Ecosystem Services. Department of Architecture and Landscape, University of Greenwich. London, UK, United Kingdom. 6-8 Jul. 2015. Conference Presentation.

DEPARTMENT OF SERVICE SYSTEMS

Malarvizhi Hirudayaraj, Assistant Professor

Book Chapter: Hirudayaraj, Malar. "First-generation Graduates: Challenges in Transitioning into Graduate Level Employment." On the Borders of the Academy: Challenges and Strategies for First Generation Graduate Students and Faculty. Ed. Dr. Alecea Standlee. Syracuse, NY: Syracuse University Graduate School Press, 2015. forthcoming. Print. Δ

Published Conference Proceedings: Bradley-Brown, Chanty and Malar Hirudayaraj. "Career Transition and Development of Female Veterans within Corporate America." Proceedings of the AHRD- Academy of Human Resource Development, Feb 19-22, St.Louis, MO. Ed. Jason Matson; Kori Whitener Fellows. St. Paul, Minnesota: AHRD, 2015. Web. «

Torrence E Sparkman

Journal Paper: Sparkman, Torrence E. "The Factors and Conditions for National Human Resource Development in Brazil." European Journal of Training and Development 39. 8 (2015): 666-680. Print. *

ELECTRICAL, COMPUTER AND TELECOMMUNICATIONS ENGINEERING TECHNOLOGY

Steven M Ciccarelli

Published Conference Proceedings: Rivera, Nelson, et al. "Celebrating Seventeen Years of Success! Or Was It?: Looking More Deeply and Closely at Measures of Success." Proceedings of the NARST: 2015 Annual Conference, April 11 2015, Chicago, IL. Ed. Editorial Board. Chicago, IL: n.p., Web. ~

Mark J Indelicato, Associate Professor

Journal Paper: Koontz, Warren L., SungYoung Kim, and Mark J. Indelicato. "A Digital Reverberation Simulator Based on Multi-Port Acoustic Elements." Journal of Multidisciplinary Engineering Science and Technology (JMEST) 2. 1 (2015): 185-191. Web. «

SungYoung Kim, Assistant Professor

Journal Paper: Kim, Sungyoung, Hiraku Okumura, and Makoto Otani. "Near-Field Sound Control Using a Planar Loudspeaker." Journal of Audio Engineering Society 63. 1/2 (2015): 54-62. Print. «

Journal Paper: Koontz, Warren L. G., Sungyoung Kim, and Mark J. Indelicato. "A Digital Reverberation Simulator Based On Multi-Port Acoustic Elements." Journal of Multidisciplinary Engineering Science and Technology 2. 1 (2015): 185-191. Web. *

Invited Keynote/Presentation: Kim, Sungyoung. "Comparing Perceptual Responses of Three Listener-groups in Multichannel Music with Height Ambiances." CIRMMT Axis 4 Workshop. CIRMMT (Center for Interdisciplinary Research of Music Media and Technology). Montreal, Canada. 28 Mar. 2015. Lecture.

Drew Maywar, Assistant Professor

External Scholarly Fellowships/National Review Committee:

6/3/2015 - 12/2/2015

Office of Naval Research

Amount: \$21,574 * £ ≠

Journal Editor: Yamada, Akira, et al, ed. Japanese Journal of Applied Physics. Tokyo: Japan Society of Applied Physics, 2015. Print.

HOSPITALITY AND TOURISM MANAGEMENT

Yu-Chin J Hsieh

Journal Paper: Hsieh, Yuchin (Jerrie), et al. "Social, Occupational, and Spatial Exposures and Mental Health Disparities of Working-Class Latinas in the U.S." Journal of Immigrant and Minority Health. (2015): DOI: 10.1007/s10903-015-0231-z. Web. «

Journal Paper: Hsieh, Yuchin (Jerrie), Yorghos Apostolopoulos, and Sevil Sonmez. "Work Conditions and the Health and Well-being of Latina Hotel Housekeepers." Journal of Immigrant and Minority Health. (2015): DOI: 10.1007/s10903-015-0224-y. Web. « £

Journal Paper: Canziani, Bonnie, et al. "What Pedagogical Methods Impact Students' Entrepreneurial Propensity?" *Journal of Small Business Strategy* 25. 2 (2015): 97-113. Print. * « £

Published Conference Proceedings: Huang, Chinghsu, et al. "Psychosocial Job Hazards and Work-Related Musculoskeletal Disorders: Case of Taiwanese Restaurant Servers." *Proceedings of the APacCHRIE*. Ed. Jill Poulston. Auckland, New Zealand: n.p., Web. * «

Published Conference Proceedings: Hsieh, Yuchin (Jerrie) and Debra Sea. "How Do I Revise a Current Course to Include Entrepreneurship?" *Proceedings of the Small Business Institution Conference*. Ed. Patrick Walker. St. Petersburg, FL: n.p., Print. Δ

Published Conference Proceedings: Canziani, Bonnie, et al. "Impact of Pedagogical Methods on Students' Entrepreneurial Propensity." *Proceedings of the Small Business Institute Conference*. Ed. Patrick Walker. St. Petersburg, FL: n.p., Print. * «

National/International Competition Award Winner: Canziani, Bonnie, et al. *Small Business Institution. Small Business Institute Distinguished Teaching Paper Award*. St. Petersburg, FL, 2015. * « £

Muhammet Kesgin, Assistant Professor

Book Chapter: Kesgin, Muhammet. "Comparing Effects of Demographic and Trip Characteristics on Holiday Choice: Evidence from Alanya, Turkey." *Tourist Behavior International Perspective*. Ed. Metin Kozak and Nazmi Kozak. Wallingford, Oxfordshire: CABI, 2016. 10. Print. *

Book Chapter: Kesgin, Muhammet and Carol Whitlock. "Travel And Tourism Education: Choosing An Innovative, Creative And Successful Career In A Global Society." *Travel and Tourism Management for the Curious: Why Study Travel and Tourism Management*. Ed. Kishor Vaidya. Canberra, Australia: The Curious Academic Publisher, 2016. Chapter 2. Web. £

Book Chapter: Kesgin, Muhammet and Aydin Cevirgen. "Perceptual or Epistemic Curiosity: Cultural Motivations and Experiences of Visitors to Alanya Castle." *Enhancing Customer Experience in the Service Industry: A Global Perspective*. Newcastle upon Tyne, UK: Cambridge Scholars Publishing, 2016. 224-253. Print. £

Domagoj Nikolic

Published Conference Proceedings: Debertolis, Paolo, et al. "Archaeoacoustic Analysis of Kanda Hill in Macedonia: Study of The Peculiar EM Phenomena and Audio Frequency Vibrations." *Proceedings of the The 4th Advanced Research in Scientific Areas*, November, 9 - 13. 2015; University of Zilina, Slovakia. Ed. Ing. Michal Mokrys and Ing. Stefan Badura, Ph.D. Zilina, Slovakia: Publishing Society, Print. *

Carol B Whitlock, Professor

Book Chapter: Kesgin, Muhammet and Carol Whitlock. "Chapter 2: Travel and Tourism Education: Choosing an Innovative, Creative and Successful Career in a Global Society." *Travel and Tourism Management for the Curious: Why Study Travel and Tourism Management?* Ed. Kishor Vaidya. Canberra, AU: Curious Academic Publishing, 2016. location 440-632. Web. £

MANUFACTURING AND MECHANICAL ENGINEERING TECHNOLOGY

Martin K Anselm, Assistant Professor

Journal Editor: Byko, Maureen, ed. *The Journal of The Minerals, Metals & Materials Society (TMS)*. Warrendale, PA: he Minerals, Metals & Materials Society, 2015. Print. *

Beth A Carle, Associate Professor

Journal Paper: Carle, Beth. "Nuclear Meltdown in Fukushima: Human Accident or Natural Disaster?" *National Center for Case Study Teaching in Science*. (2015): 1-21. Web. «

Betsy Dell, Associate Professor

Published Conference Proceedings: Strachan, Mart, et al. "Surface Response Methodology Approach to Property Improvement in Bioplastics Blends." Proceedings of the 27th International Association of Packaging Research Institutes (IAPRI) Symposium on Packaging. Ed. IAPRI. Valencia, Spain: n.p., 2015. Web. «

Journal Paper: Dell, Elizabeth M., et al. "Scholarly Production of an Untenured Cohort of Faculty." Journal of Engineering Technology Fall. (2015): 18-28. Print. «

External Scholarly Fellowships/National Review Committee:

9/1/2015 - 8/31/2018

National Science Foundation-PLAN D

Amount: \$66,225 (\$690,639 Main Award, Dell co-PI) «

Published Conference Proceedings: Mason, Sharon, et al. "AdvanceRIT Connect Grants: Driving Momentum for Disruptive Change for Women STEM Faculty." Proceedings of the 2015 ASEE Annual Conference and Exposition. Ed. American Society of Engineering Educators. Seattle, WA: ASEE, 2015. Web. «

Published Conference Proceedings: Bailey, Margaret, et al. "Institutional Transformation Guided by a Multi-frame Organizational Analysis Approach." Proceedings of the 2015 ASEE Annual Conference and Exposition. Ed. American Society of Engineering Educators. Seattle, WA: ASEE, 2015. Web. «

Martin Gordon

Invited Keynote/Presentation: Gordon, Martin E. "The Engineer as Expert Witness." Law School Class in Personal Injury Law. University of Buffalo Law School. Buffalo, NY. 28 Oct. 2015. Guest Lecture.

Christopher L Lewis

Journal Paper: Lewis, Christopher L., Yuan Meng, and Mitchell Anthamatten. "Well-Defined Shape-Memory Networks with High Elastic Energy Capacity." MACROMOLECULES 48. 14 (2015): 4918-4926. Print. *

Mark W Olles, Assistant Professor

Journal Paper: Canham, Colin D., et al. "Distal Radioulnar Joint Reaction Force Following Ulnar Shortening: Diaphyseal Osteotomy Versus Wafer Resection." The Journal of Hand Surgery 40. 11 (2015): 2206-2212. Web. ~

Journal Paper: Canham, Colin D., et al. "A Non-destructive, Reproducible Method of Measuring Joint Reaction Force at the Distal Radioulnar Joint." The Journal of Hand Surgery 40. 6 (2015): 1138-1144. Web. ~

Invited Keynote/Presentation: Canham, Colin D., et al. "Distal Radioulnar Joint Reaction Force After Ulnar Shortening: Diaphyseal Osteotomy vs Wafer Resection." 2015 AAHS Annual Meeting. American Association for Hand Surgery. Paradise Island, Bahamas. 21-24 Jan. 2015. Conference Presentation. ~

PACKAGING SCIENCE

Carlos Diaz-Acosta, Assistant Professor

Journal Paper: Close, Thomas, et al. "Reversible Oxygen Scavenging at Room Temperature Using Electrochemically Reduced Titanium Oxide Nanotubes." Nature Nanotechnology 10. 5 (2015): 418-422. Print. *

Book Chapter: Nthoiwa, Kereilemang K. M., Carlos A. Diaz, and Yash Chaudhari. "Vinyl Alcohol Polymers." Handbook of Thermoplastics, Second Edition. Boca Raton, FL: CRC Press, 2015. 53-88. Print.

Published Conference Proceedings: Strachan, Mary, et al. "Surface Response Methodology Approach to Property Improvement in Bioplastics Blends." Proceedings of the 27th IAPRI Symposium on Packaging 2015. Ed. Javier Zabaleta. Valencia, Spain: ITENE - Packaging, Transport and Logistics Research Center, Print. *

Changfeng Ge, Associate Professor

Journal Paper: Ge, C and H Huang. "., Corner Foam Versus Flat Foam: An Experimental Comparison on Cushion Performance." *Packaging Technology & Science* 28. 3 (2015): 217-225. Print. *

Journal Paper: TT, Han, LU LX, and GE C. "Development and Properties of High Density Polyethylene (HDPE) and Ethylene-Vinyl Acetate Copolymer (EVA) Blend Antioxidant Active Packaging Films Containing Quercetin." *Packaging Technology & Science* 28. 5 (2015): 415-423. Print. *

Journal Paper: SUN, H, et al. "Effect of Packaging Films on the Quality of Canola Oil under Photooxidation Conditions." *Mathematical Problems in Engineering*. (2015): 1-8. Print. *

Journal Paper: GE, C, B Lansing, and R Aldi. "Starch Foams Containing Biomass From the Second Generation Cellulosic Ethanol Production." *Journal of Applied Polymer Science* 132. 18 (2015): 41940-41946. Print. *

Journal Paper: GE, C and K Cosgrove. "Preparation of PVOH Coatings with Graphene Nanoplatelets for Electrostatic Discharge Protective Packaging." *Journal of Electrostatics* 77. (2015): 157-162. Print. *

Full Length Book: GE, C and R. A Hurley. *Package Development with SolidWorks 2015*. 2015 ed. Mission, KS: SDC publications, 2015. Print. *

Journal Editor: GE, C and B Welt, ed. *Journal of Applied Packaging Research*. Rochester: RIT, 2015. Web. «

BIOMEDICAL SCIENCES

Cory A Crane, Assistant Professor

Journal Paper: Crane, C.A., Eckhardt, C.I., and Schlauch, R.S. "Motivational interviewing mitigates the effects of problematic alcohol use on treatment compliance among partner violent offenders: Results of a randomized clinical trial." *Journal of Consulting and Clinical Psychology* 83. (2015): 683-695. Print. «

Journal Paper: Crane, C.A., Schlauch, R.S., and Easton, C.J. "Dual diagnosis among veterans in the United States." *Advances in Dual Diagnosis* 8. (2015): 4-17. Print. «

Journal Paper: Crane, C.A., Schlauch, R.C., and Eckhardt, C.I. "Dyadic violence and readiness to change among male intimate partner violence offenders." *Criminal Behaviour and Mental Health* 25. (2015): 287-298. Print. «

Journal Paper: Eckhardt, C.I. and Crane, C.A. "Cognitive and Aggressive Reactions of Male Dating Violence Perpetrators to Anger Arousal." *Journal of Interpersonal Violence* 30. (2015): 1348-1368. Print. «

Journal Paper: S.W., Hawes,, et al. "Codevelopment of Psychopathic Features and Alcohol Use During Emerging Adulthood: Disaggregating Between-and Within-person Change." *Journal of Abnormal Psychology* 124. (2015): 729-739. Print. «

Journal Paper: Schlauch, R.C., et al. "Individual Differences in Approach and Avoidance Inclinations Moderate the Effect of Self Control Depletion on AdLib Drinking." *Alcoholism: Clinical and Experimental Research* 39. (2015): 2480-2488. Print. «

Journal Paper: Testa, M., et al. "Do drinking episodes contribute to sexual aggression perpetration in college men?" *Journal of Studies on Alcohol and Drugs* 76. (2015): 507-515. Print. «

Journal Paper: Crane, C.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*. (2015): 1-12. Web. «

Invited Keynote/Presentation: Crane, C.A. "Independent Reports of Male and Female Perpetrated Aggression Among Married or Cohabiting Community Couples: Insight From A Dyadic, Daily Analysis." *Economic & Social Research Council Seminar Series*. University of Nottingham. Nottingham, United Kingdom. 11 Feb. 2015. Conference Presentation. *

Invited Keynote/Presentation: Crane, C.A. "Domestic & Intimate Partner Violence: Supports & Resources to Strengthen families." *Annual Mental Health Summit of the Canandaigua Veterans Affairs Medical Center*. Canandaigua VAMC. Canandaigua, NY. 4 Aug. 2015. Address.

Invited Keynote/Presentation: Crane, C.A., Eckhardt, C.I., and Schlauch, R.C. "Motivational Interviewing Mitigates the Effects of Problematic Alcohol Use on Treatment Compliance Among partner Violent Offenders: Results of A Randomized Clinical Trial." *Research Society on Alcoholism*. Research Society on Alcoholism. San Antonio, TX. 28 Jun. 2015. Conference Presentation. «

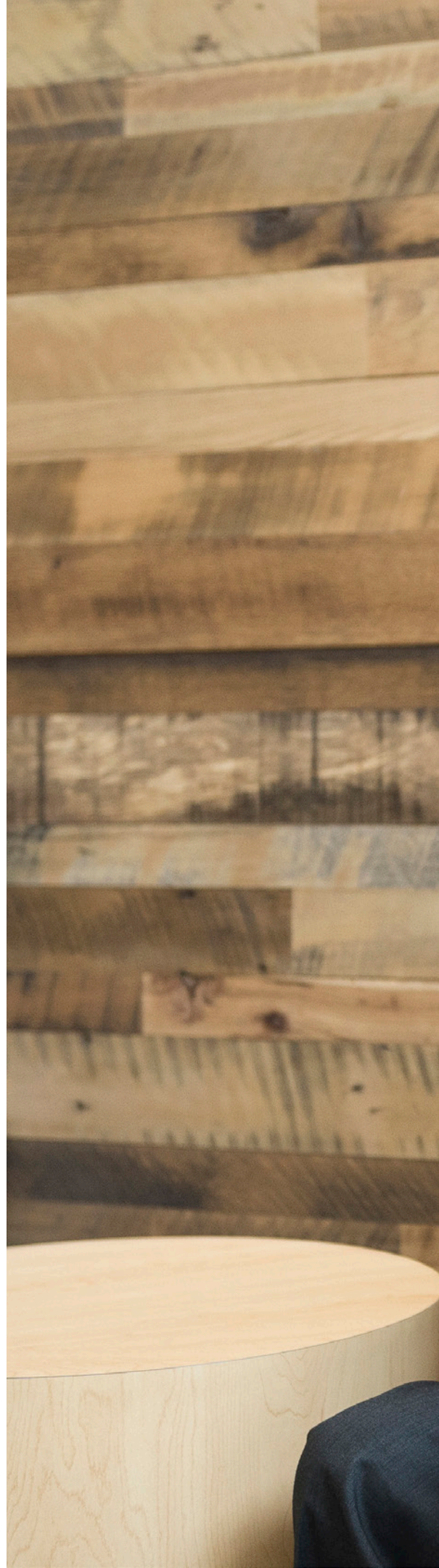
FEATURED FACULTY

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

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

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

CORY CRANE
ASSISTANT PROFESSOR
BIOMEDICAL SCIENCES
COLLEGE OF HEALTH SCIENCES & TECHNOLOGY





DIAGNOSTIC MEDICAL SONOGRAPHY

Hamad Ghazle, Professor

Journal Paper: Ghazle, Hamad. "Sonographic Diagnosis of Antley-Bixler PORD-Type Syndrome." Sonographic Diagnosis of Antley-Bixler PORD-Type Syndrome 31. 2 (2015): 93-98. Print. «

Invited Keynote/Presentation: Ghazle, Hamad. "Biliary Dilatation Versus Catheter Induced Cholangitis." Daily Practice Hot Topics: Sonographic Recognition & Interpretation 2015 . Rochester Ultrasound Society Conference. Rochester Ultrasound Society and the Rochester Institute of Technology. Rochester, NY. 21 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Ghazle, Hamad. "Adnexal Masses & Differentials." Rochester Ultrasound Society Conference. " Daily Practice Hot Topics: Sonographic Recognition & Interpretation 2015. Rochester Ultrasound Society and the Rochester Institute of Technology. Rochester, New York. 21 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Ghazle, Hamad. "Hands-on How to Do the Biopsy." 2015 AIUM Annual Convention. American Institute of Ultrasound in Medicine (AIUM). Orlando, Florida. 21 Mar. 2015. Conference Presentation.

MEDICAL ILLUSTRATION

James Perkins, Professor

Full Length Book: Hall, John E. and James A. Perkins (illustrator). Pocket Companion to Guyton and Hall Textbook of Medical Physiology. 13 ed. Philadelphia, PA: Saunders, 2015. Print.

Full Length Book: Hall, John E. and James A. Perkins (illustrator). Guyton and Hall Textbook of Medical PHysiology. 13 ed. Philadelphia, PA: Saunders, 2015. Print.

Full Length Book: Felten, David L., et al. Neter's Atlas of Neuroscience. 3 ed. Philidelphia, PA: Elsevier, 2015. Print.

National/International Competition Award

Winner: Perkins, James A. Association Européenne des Illustrateurs Médicaux et Scientifiques and the University of Bologna. Giliola Gamberini Award. Bologna, Italy, 2015. £

NUTRITION MANAGEMENT

Barbara A Lohse

Published Conference Proceedings: Lohse, Barbara. "Preschool Children of Eating Competent Parents Have Higher Quality of Life and Lower Nutrition Risk." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Published Conference Proceedings: Ruder, Elizabeth and Barbara Lohse. "Pennsylvania WIC Educators Affirm Need for Folic Acid Education of Low-income, SNAP-Ed Eligible Women." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Published Conference Proceedings: Archibeque, Loren and Barbara Lohse. "Low-income Pennsylvanian Parents of 10-14 Year Olds Reveal Stressors that Challenge Obesity Prevention Efforts." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Published Conference Proceedings: Clifford, Jessica, et al. "Cooking with Kids in the Classroom: Lessons Learned." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Published Conference Proceedings: Cady, Matthew, et al. "Measuring Recess Activity using SOPLAY Revealed Sex and Seasonal Differences Challenges in Fuel for Fun Impact Assessment." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Published Conference Proceedings: Lohse, Barbara, Stephanie Smith, and Leslie Cunningham-Sabo. "Fuel for Fun Impact Study Affirms Positive Effect on Fruit & Vegetable Preference and Approach to Cooking in School Age Youth." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Published Conference Proceedings: Cunningham-Sabo, Leslie, et al. "Fuel for Fun: Cooking with Kids Plus Parents and Play - Year 3." Proceedings of the Annual meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Published Conference Proceedings: Sarkar, Divyani, et al. "Interviews Inform Translation of In-school Intervention for Out-of-school Settings." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Published Conference Proceedings: Smith, Stephanie, et al. "Fruit and Vegetable Weights or Pan Weight are Valid Methods to Estimate Elementary Student Self-service Salad Bar Portions." Proceedings of the Annual Meeting of the Society for Nutrition Education and Behavior; July 2015; Pittsburgh PA. Ed. NA. NA, NA: Elsevier, 2015. Print. *

Journal Paper: Quick, Virginia, et al. "Relationships of Sleep Duration with Weight-related Behaviors of U.S. College Students." Behavioral Sleep Medicine. December 2 (2015): 1 - 16. Web. *

Journal Paper: J., Oliphant,. "Present: Ebola's Impact on PAs in Liberia." Clinician Reviews 25. 9 (2015): 41-42. Print. *

Journal Paper: J, Oliphant,. "PAs in Liberia: Challenges and Opportunities." Clinician Reviews 25. 9 (2015): 1-2. Web. *

Invited Keynote/Presentation: J, Oliphant,. "My Work in Haiti: How Stepping Out of My Comfort Zone Helped Me Discover The Real Me." Rotary Club September 2015 meeting. Rotary Club of Victor-Farmington. Victor, New York. 16 Sep. 2015. Address.

Invited Keynote/Presentation: J, Oliphant,. "My Work in Haiti: How Stepping Out of My Comfort Zone Helped Me Discover The Real Me." Farmington-Victor Kiwanis Club July meeting. Farmington-Victor Kiwanis Club. Victor, NY. 10 Jul. 2015. Address.

Invited Keynote/Presentation: J, Oliphant,. "Get Out of your Comfort Zone and into Global Health: Discover the Real You." The Nurse Practitioner Association of New York State Regional Conference. NPA Greater Rochester Chapter. Rochester, New York. 14 Nov. 2015. Conference Presentation.

Journal Paper: Oliphant, John. "Applying Kouzes & Posner's Leadership Concepts to Poverty Alleviation Work in the Developing World." Journal of Values-Based Leadership 9. 1 Winter/Spring (2016): Article 1. Print. *

PHYSICIAN ASSISTANT

John B Oliphant, Assistant Professor

Invited Keynote/Presentation: J, Oliphant,. "Step Out of Your Comfort Zone and You Just Might Discover Your True Identity." American Academy of Physician Assistants Annual Conference. Physician Assistant Foundation. San Francisco, California. 26 May 2015. Keynote Speech.

SCHOOL FOR AMERICAN CRAFTS

Robin Cass, Professor

Shows/Exhibits/Installations: Cass, Robin.
Flow/Gro: Quingdao Contemporary Glass Art Exhibition. 2015. Quingdao Archives & Research Center for Contemporary Art, Quingdao, Shandong Province, CHINA. Exhibit. Δ ≠

Shows/Exhibits/Installations: Cass, Robin.
Menagerie. 2015. AXOM Gallery and Exhibition Space, Rochester, NY. Exhibit. Δ

Shows/Exhibits/Installations: Cass, Robin.
FOUNDLINGS. By Bill Klingensmith. Jan. 2015. Rochester Contemporary Art Center - Labspace, Rochester, NY. Installation. Δ

Shows/Exhibits/Installations: Cass, Robin.
Parallel Frequencies: Alfred. By Robin Cass, et al. Feb. 2015. Cohen Gallery, Alfred University, Alfred, NY. Exhibit. £

External Scholarly Fellowships/National Review Committee:

4/24/2015 - 4/29/2015

Central Academy of Fine Arts, IFC

Amount: 0

Peter J Pincus, Visiting Assistant Professor

Shows/Exhibits/Installations: Pincus, Peter.
Six Under Thirty Six (Group Exhibition). Jan. 2015. Santa Fe Clay, Santa Fe, NM. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
Accomplice (Solo Exhibition). Feb. 2015. Plinth Gallery, Denver, CO. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
Research, Scholarship and Creativity in CIAS. Feb. 2015. University Gallery, Rochester. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
NCECA Biennial. Feb. 2015. David Winton Bell Gallery, Providence. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. A
Ceramic Spectrum (Group Exhibition - curated by ASU CRC Director Garth Johnson). Mar. 2015. New Art Center, Newtonville, MA. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
Collective Design Fair (Represented by Wexler Gallery). Apr. 2015. Skylight Clarkson Square, New York, NY. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
Chocolate (Solo exhibition). Jun. 2015. Akar Design, Iowa City, IA. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
Glazed and Diffused. Jun. 2015. Independent Art Projects / Mass MOCA, North Adams, MA. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
Solid Gold. Jan. 2015. Main Street Arts, Clifton Springs, NY. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
Porcelain: Sandra Byers, Dolores Fortuna, and Peter Pincus. Jul. 2015. Artisan Gallery, Paoli, WI. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
Upstste New York Ceramics Invitational. Jul. 2015. Main Street Arts, Clifton Springs, NY. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
CIAS Faculty Exhibition. Sep. 2015. Bevier Gallery, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter.
88 (Solo Exhibition). Sep. 2015. studiokotokoto, San Diego, CA / online exhibition. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. SOFA Chicago (Represented by Wexler Gallery). Nov. 2015. Navy Pier, Chicago, IL. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. Peter Pincus (Solo exhibition). Oct. 2015. Morean Center for Clay, St. Petersburg, FL. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. The Salon: Art + Design (represented by Wexler Gallery). Nov. 2015. Park Avenue Armory, New York, NY. Exhibit.

Shows/Exhibits/Installations: Pincus, Peter. CeramATTACK. Dec. 2015. Duane Reed Gallery, St. Louis, MO. Exhibit.

Invited Keynote/Presentation: Pincus, Peter. "Visiting Artist Demonstration and Lecture." Georgia State University. Georgia State University Ceramics Department. Atlanta, GA. 4, 5 Feb. 2015. Lecture.

Invited Keynote/Presentation: Pincus, Peter. "Visiting Artist Demonstration and Lecture." Kennesaw State University. Kennesaw State University Ceramics Department. Kennesaw, GA. 6 Feb. 2015. Lecture.

Invited Keynote/Presentation: Pincus, Peter. "Visiting Artist Demonstration and Lecture." Ball State University. Ball State University Art Department. Muncie, IN. 24, 25 Sep. 2016. Lecture.

Invited Keynote/Presentation: Pincus, Peter. "Visiting Artist Demonstration and Lecture." Morean Arts Center. Morean Center for Clay. St Petersburg, FL. 14, 15 Nov. 2015. Lecture.

Invited Article/Publication: Bartolovic, Richard Zakin and Fredrick. "Electric Kiln Ceramics, Fourth Edition." Electric Kiln Ceramics, Fourth Edition. (2015). Print. ^

Invited Article/Publication: Jacobson, Sebbby Wilson. "Multifaceted." American Craft. Vol. 75 No.5. (2015). Print. ^

SCHOOL OF ART

Denton L Crawford

Shows/Exhibits/Installations: Crawford, Denton. Give Up the Ghost. 28 Jan. 2016. Dolce Valvo Art Center, NCCC, Sanborn, NY. Exhibit.

Shows/Exhibits/Installations: Crawford, Denton. You're Not Here. 5 Mar. 2015. Joy Gallery, Rochester, NY. Installation.

Shows/Exhibits/Installations: Crawford, Denton. Amid/In WNY, part 3. 15 May 2015. Hallwalls Contemporary Arts Center, Buffalo, NY. Installation.

Shows/Exhibits/Installations: Crawford, Denton. The Assembled Image. 14 Feb. 2015. Main Street Arts, Clifton Springs, NY. Exhibit.

Shows/Exhibits/Installations: Crawford, Denton. Dashing and Crashing. 1 Mar. 2015. Hyperlink Gallery, Chicago, IL. Exhibit.

Invited Article/Publication: Crawford, Denton. "Denton Crawford." Paint Pulse Magazine. (2016). Print.

Invited Article/Publication: Crawford, Denton. "Denton Crawford." International Painting Annual 5, Juried Exhibition in Print, Manifest Gallery. (2016). Print.

Shows/Exhibits/Installations: Crawford, Denton. Lose Thy Bearings, Denton Crawford's Savage Sanctuaries. 20 Mar. 2015. Joy Gallery, Rochester, NY. Exhibit.

Elizabeth Kronfield, Associate Professor

Shows/Exhibits/Installations: Kronfield, Elizabeth. Impulsion. 1 Apr. 2015. National Iron, National Conference on Cast Iron Art, Sloss Furnaces National Historic Landmark, Birmingham, Alabama. Installation. «

FEATURED FACULTY

ROBERT CHUNG IS A PROFESSOR AND THE ROGER K. FAWCETT DISTINGUISHED PROFESSOR IN COLOR REPRODUCTION IN THE SCHOOL OF MEDIA SCIENCES. HE IS ALSO A REGISTERED GLOBAL EXPERT IN ISO TECHNICAL COMMITTEE 130 AND THE CONVENER OF WORKING GROUP 13. HIS RESEARCH AGENDA INCLUDES STANDARDIZATION, PRINTING PROCESS CONTROL, AND COLOR MANAGEMENT.

Fawcett Publication was an American publishing company. Roger K. Fawcett was the second generation of the Fawcett family who managed a vast publishing empire embracing magazines, comic books and paperback books. As the Fawcett Chair, Bob focuses his research on the science of print media technology and teaches the applications of cutting-edge technology in real-world color reproduction.

Standardization addresses communication between people, machines, parts, and products. As a global expert in ISO/TC130, Bob participates in standards development activities in process control, metrology, and image quality. As the convenor of WG13, Bob leads the development of international printing conformity assessment standards.

In 2015 Bob published five technical papers. He presented a paper at the TAGA (Technical Association of the Graphic Arts) Annual Technical Conference. He and three of his thesis students also presented their research projects at the TAGA Conference. These students found jobs in the related fields upon graduation. By collaborating with industry partners from Hong Kong, Bob published a case study on using printing process control tools to print to standards. Bob was invited to teach two short courses at the Wuhan University, Hubei, China, in April 2015.

Believing that student-centered research is an effective way to learn, Bob continues his role as thesis adviser. He has been successful in connecting his student's research and industry problems together.

ROBERT CHUNG
DISTINGUISHED PROFESSOR
SCHOOL OF MEDIA SCIENCES
COLLEGE OF IMAGING ARTS AND SCIENCES



Shows/Exhibits/Installations: Kronfield, Elizabeth. Trapped Remnant. 1 Mar. 2015. Iron Tribe, New Mexico Highlands University, Las Vegas, NM. Exhibit. Δ

Shows/Exhibits/Installations: Kronfield, Elizabeth. Imbedded. 1 Sep. 2015. Ferocity, Salem Art Works, Salem, NY. Exhibit. Δ

Shows/Exhibits/Installations: Kronfield, Elizabeth. Gravity, Untitled Work. 1 Aug. 2015. Liquid Earth, Gallery r, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Kronfield, Elizabeth. Empty Baskets. 1 Jan. 2015. Jeske Sculpture Park Grand Opening Exhibition, Ferguson, MO. Exhibit. «

Alan D Singer, Professor

Invited Article/Publication: Singer, Alan. "Fireworks and Response." Bridges, Baltimore 2015. (2015). Print. Δ

Sarah E Thompson, Assistant Professor

Published Review: Thompson, Sarah. "Review: Space in the Medieval West: Places, Territories, and Imagined Geographies." Rev. of Space in the Medieval West: Places, Territories, and Imagined Geographies, eds. Meredith Cohen and Fanny Madeline. Speculum Apr. 2015: 530-531. Print. Δ

Invited Keynote/Presentation: Thompson, Sarah. "From Romanesque to Gothic: Difference and Change in Medieval Architecture." 50th International Congress on Medieval Studies. Western Michigan University. Kalamazoo, MI. 14 May 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Thompson, Sarah. "The State, the People, and the First Gothic Building: Saint-Denis from Private to Public." College Art Association Annual Meeting. CAA. New York, NY. 6 Feb. 2015. Conference Presentation. Δ

SCHOOL OF DESIGN

Deborah A Beardslee, Associate Professor

Shows/Exhibits/Installations: Beardslee, Deborah. Obligation. Nov. 2015. Small Works Exhibition / Main Street Arts, Clifton Springs, NY. Exhibit. £

Shows/Exhibits/Installations: Beardslee, Deborah. Optimism. May 2015. Structurally Speaking Exhibition / Main Street Arts, Clifton Springs, NY. Exhibit. £

Shows/Exhibits/Installations: Beardslee, Deborah. Conference. Jan. 2015. Magic of Light Exhibition / Image City Photography Gallery, Rochester, NY. Exhibit. £

Shows/Exhibits/Installations: Beardslee, Deborah. Phased. Feb. 2015. Through the Looking Glass Exhibition / Mill Art Center & Gallery, Honeoye Falls, NY. Exhibit. £

Shows/Exhibits/Installations: Beardslee, Deborah. Aligned. Feb. 2015. Through the Looking Glass Exhibition / Mill Art Center & Gallery, Honeoye Falls, NY. Exhibit. £

Shows/Exhibits/Installations: Beardslee, Deborah. Steeped. Feb. 2015. Through the Looking Glass Exhibition / Mill Art Center & Gallery, Honeoye Falls, NY. Exhibit. £

Shows/Exhibits/Installations: Beardslee, Deborah. Look! Nov. 2015. Rochester Contemporary Art Center, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. Ideation. Nov. 2015. Mill Art Center & Gallery, Honeoye Falls, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. Phased. Oct. 2015. William Harris Gallery / RIT, Rochester, NY. Exhibit.

Nancy A Bernardo, Assistant Professor

External Scholarly Fellowships/National Review Committee:

7/1/2015 - 8/1/2015

National Endowment for the Humanities
Amount: \$3500 ≠

National/International Competition Award

Winner: Bernardo, Nancy. Design Observer and AIGA. 50 Books/50 Covers. New York City, NY, 2015. *

Invited Keynote/Presentation: Bernardo, Nancy and Alysia Kaplan. "Intersection of Subspace; 2D Planes in 4D Space." FATE: Tectonic Shift. Foundations in Art: Theory and Education Conference 2015. Indianapolis, IN. 25 Mar. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Bernardo, Nancy. "Adopt-a-Font Condensed." Typecon 2015 Condensed. Society of Typographic Afficionados. Denver, CO. 13 Aug. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Bernardo, Nancy and Kelly Murdoch-Kitt. "Adopt-a-Font: Condensed." Printing on the Hand Press and Beyond. American Printing History Association. Rochester, NY. 23 Oct. 2015. Conference Presentation. Δ

Invited Article/Publication: Bernardo, Nancy. "Teaching Collage: Using Graphic Design Principles." Kolaj Magazine. (2015). Print. Δ ^

Lorrie Frear, Associate Professor

Shows/Exhibits/Installations: Frear, Lorrie. When the Cats are Away, the Mice Will Play. n.d. ation: The twelve 2015 International Winners will be on display in the lobby of the National Association of Letter Carriers headquarters building, 100 Indiana Ave. NW, Washington, DC 20001 beginning in July 2015 for a year, Washington DC. Exhibit. *

Invited Keynote/Presentation: Frear, Lorrie. "Calligraphy Basics for Personal Projects." Western New York Book Arts Center, Buffalo, New York. Western New York Book Arts Center, Buffalo, New York. Buffalo, New York. 18 Apr. 2015. Lecture. Δ

Invited Keynote/Presentation: Frear, Lorrie. "Italicize Your Communications!" Rochester Brainery. Rochester Brainery. Rochester, New York. 22 Apr. 2015. Lecture. Δ

Invited Keynote/Presentation: Frear, Lorrie. "Letters to Love: An Introduction to Script Lettering." Rochester Brainery. Rochester Brainery. Rochester, New York. 6 May 2015. Lecture. Δ

Invited Keynote/Presentation: Frear, Lorrie. "Lettering: An Expressive, Exciting Lettering Adventure!" Western New York Book Arts Center, Buffalo, New York. Western New York Book Arts Center, Buffalo, New York. Buffalo, New York. 20 Jun. 2015. Lecture. Δ

Published Conference Proceedings: Frear, Lorrie. "Learning Calligraphy Informs and Reinforces Typographic Fundamentals." Proceedings of the INTED 9th Annual International Technological, Education and Development Conference, March 2-4, 2015 Madrid Spain. Ed. iated.org/inted. madrid, spain, spain: Web. ~

Published Conference Proceedings: Frear, Lorrie and Carol Fillip. "Generate STEAM: The Power of Design Thinking." Proceedings of the Ninth International Conference on Design Principles and Practices, Chicago, Illinois, March 12-14, 2015. Ed. designprinciplesandpractices.com. Chicago, Illinois: n.p., Web. ~

Invited Keynote/Presentation: Frear, Lorrie. "White Space is Our Friend: How to Compose a Powerful Page." Genesee Valley Calligraphy Guild. Genesee Valley Calligraphy Guild. Rochester, New York. 1 Jul. 2015. Lecture. Δ

Published Conference Proceedings: Frear, Lorrie. "CALLIGRAPHY ENGAGES DIGITAL NATIVE TYPOGRAPHY STUDENTS." Proceedings of the 26th Annual International Conference on College Teaching and Learning, Ponte Vedra Beach, Florida, March 30-April 2, 2015. Ed. teachlearn.org. Point Vedra Beach, Florida: n.p., Web. ~

Published Conference Proceedings: Frear, Lorrie and Carol Fillip. "Title: Collaboration as a Teaching Model." Proceedings of the Third Annual RGD Design Educators Conference, Toronto, Canada, November 14, 2015. Ed. RGD Toronto. Toronto, Canada: n.p., Web. £

Published Conference Proceedings: Frear, Lorrie and Carol Fillip. "Interactive Teaching and Learning in the Graphic Design Studio." Proceedings of the ICERI 8th Annual International Conference of Education, Research and Innovation, Sevilla, Spain, November 16-18, 2015. Ed. icated.org/iceri. Madrid, Spain: n.p., Web. *

Invited Article/Publication: Frear, Lorrie. "What are Optotypes? The Eye Chart In Focus." Ilovely-pography.com. (2015). Web. Δ

Chris Jackson, Professor

Invited Article/Publication: Jackson, Chris. "Modeling in Cinema 4d Lite." Mastering Film. (2015). Web. ^

Invited Article/Publication: Jackson, Chris. "CINEMA 4D Lite and CINEWARE." Mastering Film. (2015). Web. ^

Invited Keynote/Presentation: Jackson, Chris. "Get Animated with After Effects: An Introduction to Motion Graphics." Adobe MAX Creativity Conference. Adobe. Los Angeles, California. 5 Oct. 2015. Conference Presentation. Δ

Alex Lobos, Assistant Professor

Invited Article/Publication: Lobos, Alex. "Diseño Sostenible en Teoria y Practica." Signa. (2015). Print. Δ

Journal Editor: Lobos, Alex, ed. Material Design. Ferrara Italy: University of Ferrara, 2015. Print.

Invited Keynote/Presentation: Lobos, Alex. "Mobiliario Urbano e Integracion de Comunidades." Bienes Usables y Duraderos. Universidad de Monterrey. Monterrey, Mexico, MX. 15 Mar. 2015. Lecture. Δ

Published Conference Proceedings: Lobos, Alex and Stan Rickel. "Hybrid Ideation and Fabrication." Proceedings of the Industrial Designers of America International Conference. Ed. Ayse Birsel. Seattle, WA: IDSA, 2015. Web. *

Published Conference Proceedings: Lobos, Alex. "Bridging Between Digital and Analog Models in Fusion 360." Proceedings of the Autodesk University International Conference. Ed. Autodesk. Las Vegas, NV: n.p., 2015. Web. *

Nick Paulus

Journal Editor: Paulus, Nick, ed. Packaging Science. Rochester: RIT Open Access Publication, 2015. Web. *

Journal Editor: Paulus, Nick, ed. Journal of Environmental Sustainability. Rochester: RIT Open Access Publication, 2015. Web. *

Marla Schweppe, Professor

Shows/Exhibits/Installations: Schweppe, Marla. Big Head Projections. 17 Jul. 2015. Village Gate YOL Street Light Festival, Rochester, NY. Performance. £

Shows/Exhibits/Installations: Schweppe, Marla. Into the Woods Scenery and Projections. Mar. 2015. Center Stage at the JCC, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Improvisation with Voices and Images. By Natalie Alfke, et al. 29 Oct. 2015. RIT Innovation Center, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Red Ball. By PUSH Physical Theatre. n.d. varied, Rochester, NY. Performance.

SCHOOL OF FILM AND ANIMATION

Cathleen Ashworth, Associate Professor

National/International Competition Award

Winner: (Director), Cathleen Ashworth. 18th Annual Native American Film Festival of the Southeast. Best Original Music Composition. Columbia, South Carolina, 2015.

National/International Competition Award

Winner: (Director), Cathleen Ashworth. Red Nation Film Festival. Best Animation and Best Short Film. Los Angeles, CA, 2015.

Shows/Exhibits/Installations: (Director), Cathleen Ashworth. Iroquois Creation Story. 6 Dec. 2015. Santa Fe Film Festival - Juried Festival, Santa Fe, New Mexico. Exhibit.

Shows/Exhibits/Installations: (Director), Cathleen Ashworth. Iroquois Creation Story. 14 Nov. 2015. 12th Annual Commanche Nation Film Festival - Invitational, Lawton, Oklahoma. Exhibit.

Museum Collection Acquisition: (Director), Cathleen Ashworth and Atia Quadri (Animation Technical Director). Iroquois Creation Story. Digital Film - permanent display. Seneca Art and Cultural Center, Victor, NY. (2015).

Jack A Beck

Shows/Exhibits/Installations: Beck, Jack. Morning Light, Old Town, Dubrovnik, Croatia. Dec. 2015. Image City Photo Gallery, Rochester, NY. Exhibit. *

Invited Keynote/Presentation: Beck, Jack. "The Emergence of On-Screen, Graphic Text(ing)." UFVA Conference: Media With Impact. American University. Washington, DC. 6 Aug. 2015. Conference Presentation. Δ

Thomas D Gasek, Associate Professor

Shows/Exhibits/Installations: Gasek, Tom. Ain't No Fish. Dir. Tom Gasek & Miki Cash. 17 Apr. 2015. George Eastman House, Rochester, New York. Exhibit. * £

External Scholarly Fellowships/National Review Committee:

3/17/2016 - 4/3/2016

Fulbright (US Government)

Amount: Flight/Housing and \$200 per day *

Peter Kiwitt, Assistant Professor

Invited Keynote/Presentation: Kiwitt, Peter. "The First Pillar of Directing." University Film and Video Association. American University. Washington, DC. 7 Aug. 2015. Conference Presentation. ~

Shows/Exhibits/Installations: Kiwitt, Peter. Purple Heart. 17 Oct. 2015. Buffalo International Film Festival, Buffalo, NY. Performance. £

Shows/Exhibits/Installations: Kiwitt, Peter. Purple Heart. 14 Oct. 2015. Veteran's Film Festival, Canberra, Australia. Performance. £

Shows/Exhibits/Installations: Kiwitt, Peter. Purple Heart. 11 Sep. 2015. Awareness Film Festival, Los Angeles, CA. Performance. £

Shows/Exhibits/Installations: Kiwitt, Peter. Purple Heart. 1 Aug. 2015. Gwinnett Center International Film Festival, Duluth, GA. Performance. £

Shows/Exhibits/Installations: Kiwitt, Peter. Purple Heart. Sep. 2015. William Harris Gallery, Rochester, NY. Installation.

David L Long, Associate Professor

Invited Keynote/Presentation: Long, David. "Navigating Big Color." Technology Summit on Cinema. Society of Motion Picture and Television Engineers. Las Vegas, NV. 11 Apr. 2015. Conference Presentation. Δ

Published Conference Proceedings: Long, David and Mark D Fairchild. "Observer Metamerism Models and Multiprimary Display Systems." Proceedings of the Society of Motion Picture and Television Engineers Annual Technology Conference. Ed. Diane Purrier. New York, NY: Society of Motion Picture and Television Engineers, Web. £

Published Conference Proceedings: Donato, Matthew and David Long. "The Calibration Conundrum: Towards Standardizing a Reference White Chromaticity for HDTV." Proceedings of the Society of Motion Picture and Television Engineers Annual Technology Conference. Ed. Diane Purrier. New York, NY: Society of Motion Picture and Television Engineers, Web. £

Published Conference Proceedings: Etienne, Alex. "Building a New Digital Archive Management Infrastructure for the RIT School of Film and Animation." Proceedings of the Society of Motion Picture and Television Engineers Annual Technology Conference. Ed. Diane Purrier. New York, NY: Society of Motion Picture and Television Engineers, Web. £

Published Conference Proceedings: Grant, Hollie. "Virtual Reality Cinema." Proceedings of the Society of Motion Picture and Television Engineers Annual Technology Conference. Ed. Diane Purrier. New York, NY: Society of Motion Picture and Television Engineers, Web. £

Published Conference Proceedings: Long, David and Mark D Fairchild. "Reducing Observer Metamerism in Wide-gamut Multiprimary Displays." Proceedings of the Human Vision and Electronic Imaging. Ed. IS&T/SPIE Electronic Imaging. San Francisco, CA: n.p., 2015. Web. *

SCHOOL OF MEDIA SCIENCES

Christopher Bondy, Visiting Assistant Professor

Invited Keynote/Presentation: Bondy, Christopher. "Moving up the Food Chain." Epicomm Leadership Summit. Wynn Hotel and Conference Center. Las Vegas, NV. 20 Jan. 2015. Keynote Speech. Δ

Full Length Book: Bondy, Christopher, Wayne Peterson, and Joe Webb. *Unsquaring The Wheel*. First ed. Rochester, NY: RIT Press, 2015. Print. ~

Invited Keynote/Presentation: Bondy, Christopher. "The Power of Transformation." Xerox Thought Leadership Workshop. Xerox Corporation. Rochester, NY. 9 Apr. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Bondy, Christopher. "The Transformation Mandate: Getting Work Done." Xerox Thought Leadership Workshop. Xerox Corporation. Rochester, NY. 5 May 2015. Keynote Speech. Δ

Shu Chang, Visiting Assistant Professor

Journal Paper: Chang, Shu, et al. "Direct Visualization and Three-dimensional Reconstruction of Structures Formed by Electrophotographic Toner." *Powder Technology* 269. (2015): 1-6. Web. £

Journal Paper: Chang, Shu, et al. "Direct Visualization and Three-dimensional Reconstruction of Structures Formed by Electrophotographic Toner." *Powder Technology* 269. (2015): 1-6. Web. «

Published Conference Proceedings: Chang, Shu, et al. "Geometric Element Test Targets for Visual Inference of a Printers's Dimension Limitations." Proceedings of the 26th Annual International Solid Freeform Symposium, August 10-12, 2015, Austin, Texas. Ed. David Bourell. Austin, TX: University of Austin, TX, Web. «

Journal Paper: Chang, Shu, et al. "Direct Visualization and Three-dimensional Reconstruction of Structures Formed by Electrophotographic Toner." *Powder Technology* 269. (2015): 1-6. Print. «

Robert Y Chung, Professor

Journal Paper: Chung, Robert and Li Wu. "The Effect of Substrate Correction on Printing Conformity." *Journal of Print and Media Technology Research JPMTR-1414*. 4-2014 (2015): (TBD). Print. «

Published Conference Proceedings: Chung, Robert, Changlong Yu, and Bruce Myers. "The Effect of OBA in Paper and Illumination Level on Perceptibility of Printed Colors." Proceedings of the TAGA 2015 Annual Technical Conference. Ed. Mark Bohan. Warrendale, PA: Technical Association of the Graphic Arts, 2015. Web. ~

Published Conference Proceedings: Chung, Robert, Lufei Yu, and Bruce Myers. "An Investigation of Factors Influencing Color Tolerances." Proceedings of the TAGA 2015 Annual Technical Conference. Ed. Mark Bohan. Warrendale, PA: Technical Association of the Graphic Arts, 2015. Web. ~

External Scholarly Fellowships/National Review Committee:

9/1/2005 - 9/1/2015

Graphic Communications
Education Association

Double-blind editorial reviews twice a year in the past 10 year «

Published Conference Proceedings: Chung, Robert, Peng Cheng, and Bruce Myers. "Matching Printed Color Images under the Influence of OBA Using a Soft Proofing System." Proceedings of the TAA 2015 Annual Technical Conference. Ed. Mark Bohan. Warrendale, PA: Technical Association of the Graphic Arts, 2015. Web. ~

Published Conference Proceedings: Chung, Robert. "M1 Simulation by Varying Printing and Proofing Substrates." Proceedings of the TAGA 2015 Annual Technical Conference. Ed. Mark Bohan. Warrendale, PA: Technical Association of the Graphic Arts, 2015. Web. ~

Journal Paper: Chung, Robert, et al. "Using Printing Process Control Tools to Print to Dataset, A Case Study." IDEAlliance Bulletin. (2015): 1-19. Web. ~

Twyla Cummings, Professor

Invited Keynote/Presentation: Ph.D., Twyla J. Cummings,. "Diversity and Inclusion in Graphic Communication: Tapping and Maximizing the Talent." GraphExpo 2015. Graphic Arts Show Company. Chicago, IL. 14 Sep. 2015. Conference Presentation.

Elena A Fedorovskaya, Visiting Assistant Professor

Journal Paper: Fedorovskaya, Elena A. and Lufei Yu. "Investigating the Effects of Publishing Approaches Using Print, Electronic and Augmented Reality Media on User Experience." J. Print Media Technol. Res. 4. 3 (2015): 217-226. Print. «

Published Conference Proceedings: Wang, Yujue, Saunil Desai, and Elena Fedorovskaya. "RocReader – A System for Collaborative Transmedia Publishing." Proceedings of the IARIGAI , 7-10 September 2015, Helsinki, Finland. Ed. Gorazd Golob. Helsinki, Finland: n.p., 2015. Print. «

Bruce Myers, Assistant Professor

Published Conference Proceedings: Ph.D., Bruce Leigh Myers, and Rachel Silvestrini. "An Analysis of M0 and M1 Measurement Conditions." Proceedings of the Technical Association of the Graphic Arts. Ed. Mark Bohan and John Seymour. Warrendale, PA: Printing Industries of America, 2016. Print. £

SCHOOL OF PHOTOGRAPHIC ARTS & SCIENCES

Frank J Cost, Professor

Invited Keynote/Presentation: Cost, Frank. "Pilot Flight Record and Log Book." Fabbrica's lecture and workshop programme. Fabbrica Communication Research Center. Treviso, Italy. 3 Jul. 2015. Guest Lecture. Δ

Invited Keynote/Presentation: Cost, Frank. "Drone-based Digital Photography." New York State Aviation Management Association Annual Conference. New York State Aviation Management Association. Rochester, NY. 17 Sep. 2015. Lecture. Δ

Shows/Exhibits/Installations: Cost, Frank. The State of Photography Invitational Exhibit. 23 Jan. 2015. Nazareth College, Rochester. Exhibit.

Meredith L Davenport, Assistant Professor

Invited Article/Publication: Davenport, Meredith. "'Midtown Plaza Portfolio'." Afterimage. (1015). Print. Δ

Shows/Exhibits/Installations: Davenport, Meredith. Theater of War. 1 Apr. 2015. UnionDocs, New York. Exhibit.

Shows/Exhibits/Installations: Davenport, Meredith. Rick's Heart. Nov. 2015. Visual Studies Workshop Project Space, Rochester. Exhibit.

Shows/Exhibits/Installations: Davenport, Meredith. Compartmented. 7 Dec. 2015. The Sunday School Space, Rochester. Exhibit.

Shows/Exhibits/Installations: Davenport, Meredith. Theater of War. Sep. 2015. Fringefest/Gallery R, Rochester. Exhibit.

Denis Defibaugh, Professor

External Scholarly Fellowships/National Review Committee:

12/15/2015 - 11/30/2017

NSF

Amount: \$650,000 *

Shows/Exhibits/Installations: Defibaugh, Denis. Afterlives of Natural History. 1 May 2015. View Arts Center, Old Forge, NY. Exhibit. Δ

Invited Article/Publication: Defibaugh, Denis. "Afterlives of Natural History." 2.PNG. (2015). Print. Δ

National/International Competition Award

Winner: Frear, Denis Defibaugh/ Lorrie. Creativity International Awards. Best of Show Award to Positive Negative Magazine. Lexington, KY, 2015. *

National/International Competition Award

Winner: Frear, Denis Defibaugh/ Lorrie. RIT. Frank Romano Award. Rochester, NY, 2015. *

Rachel J Ferraro, Lecturer

Shows/Exhibits/Installations: Ferraro, Rachel Jerome. Toward the Surface. 6 Feb. 2015. Main Gallery, Visual Studies Workshop, Rochester, NY. Installation.

Book Chapter: Batt, Andy and Candace Dobre. "Your Digital Skeleton: The Importance of Image Workflow." Camera & Craft: Learning the Technical Art of Digital Photography. Ed. Katrin Eismann. Waltham, Massachusetts: Focal Press, 2015. 88-94. Print. ^

Invited Keynote/Presentation: Ferraro, Rachel Jerome. "Toward the Surface." Artist Talk. Visual Studies Workshop. Rochester, NY. 4 Mar. 2015. Address.

Invited Article/Publication: Ferraro, Rachel Jerome. "Amazon Cloud Advertisement." International Ad Campaign: Amazon Cloud Drive Launch. (2015). Web.

Invited Article/Publication: Ferraro, Rachel Jerome. "Prom Themes for 2015." About.com. (2015). Web. ^

Invited Article/Publication: Lucier, Kelci Lynn and Rachel Jerome Ferraro (Photographer). "How to Deal with a Bad Roommate." About.com. (2015). Web.

Invited Article/Publication: Lake, Laura and Rachel Jerome Ferraro (Photographer). "Marketing vs. Advertising: What's the Difference?" About.com. (2015). Web.

Invited Article/Publication: Peck, Patrice, Natelege Whaley, and Rachel Jerome Ferraro (Photographer). "Teens With Extraordinary College Acceptance Stories." BET. (2014). Web.

Invited Article/Publication: Ma, Winnie and Rachel Jerome Ferraro (Photographer). "5 Reasons Your College Decision Isn't Your Biggest Decision Ever." Huffington Post. (2015). Web.

Invited Article/Publication: (Photographer), Rachel Jerome Ferraro. "How Do Advertisements Persuade People?" ASK.com. (2015). Web.

Angela Kelly, Associate Professor

Shows/Exhibits/Installations: Kelly, Angela. House and Home,. 1 Dec. 2015. National Building Museum, Washington DC, USA. Installation.

Douglas J Manchee, Associate Professor

Shows/Exhibits/Installations: Cato, Bob. Bob Cato Photographs. By Doug Manchee (co-curator) and Steven Galbraith (co-curator). Mar. 2015. University Gallery, RIT, Rochester, NY. Exhibit.

Joshua H Meltzer

Invited Article/Publication: Meltzer, Josh and Anne Bailey. "The Darker Side of Thailand's Sex Industry." Public Radio International (PRI) - The World. (2015). Web.

Invited Article/Publication: Meltzer, Josh. "The Refugees of Roanoke." The New York Times. (2015). Web.

Invited Article/Publication: Meltzer, Josh. "Come Out and Play Unified." Special Olympics. (2015). Web.

Ahndraya Parlato, Lecturer

Shows/Exhibits/Installations: Parlato, Ahndraya. East of the Sun, West of the Moon. 18 Sep. 2015. CEPA, Buffalo. Exhibit.

Shows/Exhibits/Installations: Parlato, Ahndraya. East of the Sun, West of the Moon. 18 Sep. 2015. Unseen Festival, Amsterdam. Exhibit.

Christye P Sisson, Associate Professor

Journal Editor: Sisson, Christye P., ed. Journal of Ophthalmic Photography. Nixa, Missouri: n.p., 2015. Print. £

Joshua J Thorson, Visiting Assistant Professor

Published Review: Thorson, Joshua. "Aura Satz: Eyelids Leaking Light." Rev. of Eyelids Leaking Light, ed. Francis Morgan. The Wire 1 Apr. 2015: 82. Print. ^

Shows/Exhibits/Installations: Thorson, Joshua. To Music. By Nick Hallett and Joshua Thorson. 1 Apr. 2015. Roulette, Brooklyn, NY. Performance. Δ ≠

Shows/Exhibits/Installations: Thorson, Joshua. Requiem Reimagined. By Sleeping Giant, Daniel Fish, and Joshua Thorson. 21-22 Mar. 2015. Troy Music Hall, Troy, NY. Performance. Δ ≠

Shows/Exhibits/Installations: Thorson, Joshua. Oklahoma! Dir. Daniel Fish. 6/25-7/19 Dec. 2015. Bard College, Annandale-on-Hudson, NY. Performance. Δ ≠

Shows/Exhibits/Installations: Thorson, Joshua. Untitled (Room). 4-5 Dec. 2015. Lyric Opera, Rochester, NY. Exhibit. Δ

Shows/Exhibits/Installations: Thorson, Joshua. Urban Renewal. By Kyle deCamp. 16-17 Jan. 2015. Storefront Theater, Chicago, IL. Performance. Δ

Catherine Zuromskis

Invited Keynote/Presentation: Zuromskis, Catherine. "Feeling History: Evidence, Vernacular Documentation, and the Kennedy Assassination." Cameras in Turmoil: The Apparatus of Visual Reproduction in Japan and America, 1960-1975. Harvard University. Cambridge, MA. 4 Dec. 2015. Lecture. Δ

Invited Keynote/Presentation: Zuromskis, Catherine. "Snapshot Photography, Now and Then: On Making, Sharing, and Liking Photographs at the Digital Frontier." Found, Shared, Liked (symposium). Visual Studies Workshop. Rochester, NY. 14 Nov. 2015. Lecture. Δ

Invited Keynote/Presentation: Zuromskis, Catherine. "Seen of the Crime: Joel Sternfeld's On This Site and Trevor Paglen's Black Sites." Visiting speaker and educator. Whitman College. Walla Walla, WA. 13 Apr. 2015. Guest Lecture. Δ

DEAN'S OFFICE

M Ann Howard, Professor

Published Conference Proceedings: Schlombs, Corinna, et al. "Changing an Institutional Environment through Appreciative Inquiry: Rochester Institute of Technology's College of Liberal Arts." Proceedings of the Seneca Falls Dialogues. Ed. Barbara LsSavoy, Deborah Uman. Brockport, NY: digital commons@ brockport, Web. «

James Winebrake, Professor

Journal Paper: Winebrake, James J., et al. "Fuel Price Elasticities in the U.S. Combination Trucking Sector." Transportation Research Part D: 38. (2015): 166-177. Print. *

Journal Paper: Winebrake, James J., et al. "Fuel Price Elasticities for Single-unit Truck Operations in the United States." Transportation Research Part D: 38. (2015): 178-187. Print. *

Journal Paper: Thomson, Heather, James J. Corbett, and James J. Winebrake. "Natural Gas as A Marine Fuel." Energy Policy 87. (2015): 153-167. Print. *

Journal Paper: Winebrake, James J. "The Integrative Liberal Arts and Engineering . The Grand Challenge of Curricular Implementation." Engineering Studies 7. 2-3 (2015): 193-195. Print. *

Journal Paper: Korfmacher, Karl, Scott Hawker, and James J. Winebrake. "Analysis of Environmental and Infrastructure Impacts of Transportation Activities Associated with High-Volume Hydraulic Fracturing Operations in Marcellus Shale Formation." Transportation Research Record 2503. (2015): 70-80. Print. *

DEPARTMENT OF COMMUNICATION

Hinda B Mandell, Assistant Professor

Journal Paper: Mandell, Hinda. "Political Wives, Scandal, and the Double Bind: Press Construction of Silda Spitzer and Jenny Sanford Through a Gendered Lens." Women's Studies in Communication 38. 1 (2015): 55-77. Print. «

Kelly Martin, Assistant Professor

Published Conference Proceedings: Zwickl, Ben, et al. "Preparing Students for Physics-intensive Careers in Optics and Photonics." Proceedings of the 2015 Physics Education Research Conference. Ed. Alice D. Churukian, Dyan L. Jones, and Lin Ding. College Park, MD: n.p., 2015. Print. *

Journal Paper: Murdoch-Kitt, Kelly, Denielle Emans, and Kelly Norris Martin. "Sustainability at the Forefront: Educating Students Through Complex Challenges in Design and Communication." Interdisciplinary Environmental Review 16. 2/3/4 (2015): 285-315. Print. * «

Jonathan Schroeder, Professor

Journal Paper: Schroeder, Jonathan E. and Janet L. Borgerson. "Critical Visual Analysis of Gender: Reactions and Reflections." Journal of Marketing Management 31. 15-16 (2015): 1723-1731. Print. Δ

Journal Paper: Schroeder, Jonathan, Janet Borgerson, and Zhiyan Wu. "A Brand Culture Approach to Chinese Cultural Heritage Brands." Journal of Brand Management 22. 3 (2015): 261-279. Print. «

Journal Paper: Schroeder, Jonathan E. "Communicating Identity/Consuming Difference." Consumption Markets & Culture 18. 6 (2015): 485-489. Print. £

Journal Editor: Schroeder, Jonathan E., ed. *Consumption Markets & Culture*. Oxford, UK: Routledge, 2015. Print. «

Book Chapter: Schroeder, Jonathan E. "Introduction." *Brands: Interdisciplinary Perspectives*. Ed. Jonathan E. Schroeder. New York, NY: Routledge, 2015. 1-10. Print. Δ

Book Chapter: Schroeder, Jonathan E. "Missing Morris: Reminiscences, Retrospection, and Rigorous Research." *Legends in Consumer Research: Morris Holbrook, Volume 6*. Ed. Robert Schindler. Thousand Oaks, CA: Sage, 2015. 388-390. Print. Δ

Journal Paper: Schroeder, Jonathan E. "Editorial." *Consumption Markets & Culture* 18. 4 (2015): 297. Print. Δ

Book Chapter: Schroeder, Jonathan E. "Brands, Photography, and Strategy." *Strong Brands, Strong Relationships*. Ed. Susan Fournier, Michael Breazeale, and Jill Avery. New York, NY: Routledge, 2015. 406-408. Print. Δ

Book Chapter: Schroeder, Jonathan E. "Aesthetics Awry: The Painter of Light and the Commodification of Artistic Values." *Brands: Interdisciplinary Perspectives*. Ed. Jonathan E. Schroeder. New York, NY: Routledge, 2015. 311-324. Print. Δ

Invited Keynote/Presentation: Schroeder, Jonathan and Janet Borgerson. "Chinese Cultural Heritage Brands: Emerging Global Luxury." *Advanced Marketing Seminars*. University of Exeter. Exeter, UK. 21 Oct. 2015. Lecture. Δ

Journal Paper: Iqani, Mehita and Jonathan E Schroeder. "#Selfie: Digital Self-portraits as Commodity Form and Consumption Practice." *Consumption Markets & Culture*. (2015): 1-12. Web. *

Journal Editor: Schroeder, Jonathan E, ed. *Consumption Markets & Culture - Special Issue: Communicating Identity/Consuming Difference*. Oxford: Routledge, 2015. Print. «

Book Chapter: Schroeder, Jonathan E. "Visual Consumption." *The Blackwell Encyclopedia of Sociology*, 2nd Edition. Ed. George Ritzer. Oxford, UK: John Wiley & Sons, 2015. 1-4. Web. £

Book Chapter: Schroeder, Jonathan E. "Brand Culture." *The Blackwell Encyclopedia of Sociology*, 2nd Edition. Ed. George Ritzer. Oxford, UK: John Wiley & Sons, 2015. 1-3. Web. £

Invited Keynote/Presentation: Schroeder, Jonathan. "The Selfie in Consumer Culture: Conceptual Insights and Case Studies." *Consumer Culture Theory Conference*. Consumer Culture Theory Consortium. Fayetteville, AK. 19 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Schroeder, Jonathan. "Brands, Photography and the Strategic Imagination: From Snapshot to Selfie." *Medill School of Journalism, Media, and Integrated Marketing Communication Speaker Series*. Northwestern University. Evanston, IL. 6 Feb. 2015. Guest Lecture. Δ

Tracy Worrell, Associate Professor

Book Chapter: Cos, Grant, Tracy Worrell, and JD Blosenhauer. "Testing Benoit's Theory of Image Repair." *Putting Image Repair to the Test: Quantitative Applications of Image Restoration Theory*. Ed. J.R. Blaney. Lanham, MD: Lexington Books, 2015. 85-97. Print. *

Invited Keynote/Presentation: Worrell, Tracy. "Please Tell Others About Us: An Examination of Individuals with Disabilities Responses to Media Portrayals of Disability." *National Communication Association Conference*. National Communication Association. Las Vegas, NV. 19 Nov. 2015. Conference Presentation. *

Invited Keynote/Presentation: Martin, Kelly and Tracy Worrell. "Do We See What We See?: Measuring Visual Proficiency and Visual Grammar." *National Communication Association Conference*. National Communication Association. Las Vegas, NV. 22 Nov. 2015. Conference Presentation. *





FEATURED FACULTY

JUILEE DECKER IS AN ASSOCIATE PROFESSOR OF MUSEUM STUDIES IN THE DEPARTMENT OF PERFORMING ARTS AND VISUAL CULTURE IN THE COLLEGE OF LIBERAL ARTS. TRAINED AS AN ART HISTORIAN, HER RESEARCH AND SCHOLARSHIP ARE AT THE INTERSECTION OF MUSEUM STUDIES, PUBLIC HISTORY, AND PUBLIC ART. SHE HAS A PASSION FOR OBJECTS AND SEEKS WAYS TO FACILITATE DIALOGUES BETWEEN COMMUNITIES AND THE OBJECTS, SPACES, PLACES, AND PRACTICES THAT THEY HOLD DEAR.

I am currently working on the following projects: editor of a peer-reviewed journal; author of a manuscript; and reviser of a manuscript.

Since 2008, I have served as editor of *Collections: A Journal for Museum and Archives Professionals*. This is one of my most rewarding research and scholarship activities that also provides for professional development and growth. As Editor, I stay abreast of research and practice in museums and archives in an effort to bring current research, scholarship, and practice to scholars, professionals, and student paraprofessionals. But, I also facilitate connections among the museum and archives communities through the journal and its ancillary activities. In addition, I am at work on two book projects. The first is an examination of the life and work of American sculptor Enid Yandell (1869–1934) that situates the artist historically, within the construct of the historical sculptural environment, while also defining and extending her legacy into the twenty-first century. The second is a revision of one of the field's standards *Museums in Motion*. My approach with this volume has been very much informed by my work last year conceptualizing, editing, and contributing to a four-volume series focusing on museums entitled *Innovative Approaches for Museums*.

I see my research, scholarship, and teaching as united efforts to create, synthesize, analyze, and disseminate scholarly material. In fact, dissemination of such material—in the form of my own scholarship or that of others—is the animating force of my work. I see myself as a facilitator and collaborator with every author who writes for the journal that I oversee, museum professionals with whom I engage in projects, and faculty and student colleagues with whom I develop exhibitions.

JUILEE DECKER
ASSOCIATE PROFESSOR
PERFORMING ARTS AND VISUAL CULTURE
COLLEGE OF LIBERAL ARTS

Invited Keynote/Presentation: Worrell, Tracy and Vanja Vejzagi. "Financially Sound or Obvious Marketing Ploy?: An Examination of CSR Communication within the Hotel Industry." 4th Annual World Conference on Business, Economics and Management. Business, Economics and Management. Izmir, Turkey. 22 Mar. 2015. Conference Presentation. *

DEPARTMENT OF CRIMINAL JUSTICE

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*. (2015): 1-26. Web. *

Journal Paper: LaVerne, McQuiller Williams, and Porter, Judy. "The Relationship Between Child Maltreatment and Partner Violence Victimization and Perpetration Among College Students: A focus on Auditory Status and Gender." *Journal of Interpersonal Violence* 30. 13 (2015): 2304-2325. Print. *

Invited Keynote/Presentation: LaVerne, McQuiller Williams,, Porter, Judy, and Smith, Tony. "Understanding Date Rape Attitudes and Behaviors: Exploring the Influence of Auditory Status, Gender, and Prior Sexual Victimization." *Academy of Criminal Justice Sciences*. Academy of Criminal Justice Sciences. Orlando, FL. 8 Mar. 2015. Conference Presentation. *

Jason Scott, Associate Professor

Published Conference Proceedings: Scott, Jason D. "Tertiary Gang Prevention: Evaluating a Probation-Based Intervention Program." *Proceedings of the Academy of Criminal Justice Sciences - March 3-7, 2015 - Orlando, FL*. Ed. David May. Greenbelt, MD: Academy of Criminal Justice Sciences, Web. Δ

DEPARTMENT OF ECONOMICS

Amit Batabyal, Professor

Journal Paper: Batabyal, Amit and Hamid Beladi. "Optimal Transport Provision to a Tourist Destination: A Contract Theory Perspective." *Economic Modelling* 47. (2015): 180-184. Print. «

Journal Paper: Donovan, Pierce and Amit Batabyal. "On Economic Growth and Investment Income Taxation in a Creative Region." *International Review of Economics and Finance* 38. (2015): 67-72. Print. «

Journal Paper: Batabyal, Amit and Olabisi Alao. "On the Sale of Package Tours to Infinitely Many Possible Types of Tourists." *International Journal of Tourism Research* 17. (2015): 1-3. Print. «

Journal Paper: Batabyal, Amit and Hamid Beladi. "Knowledge Goods, Ordinary Goods, and the Effects of Trade Between Leading and Lagging Regions." *Research Policy* 44. (2015): 1537-1542. Print. «

Journal Paper: Batabyal, Amit and Hamid Beladi. "Aspects of the Accumulation of Creative Capital in a Regional Economy." *Technological Forecasting and Social Change* 98. (2015): 88-92. Print. «

Full Length Book: Batabyal, Amit and Peter Nijkamp. *The Region and Trade: New Analytical Directions*. 1 ed. Singapore, Singapore: World Scientific Publishing, 2015. Print. *

Invited Keynote/Presentation: Batabyal, Amit. "Technology, Learning, and Long Run Economic Growth in Leading and Lagging Regions." *Allied Social Science Association Annual Meeting*. Association of Indian Economic and Financial Studies. Boston, MA. 3 Jan. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." Monash University Business School Seminar. Monash University, Malaysia. Kuala Lumpur, Malaysia. 17 Mar. 2015. Lecture. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." Golisano Institute for Sustainability. GIS at RIT. Rochester, NY. 22 Apr. 2015. Lecture. Δ

Journal Paper: Batabyal, Amit. "Winter Transport via Trucks With Chains and the Fraction of Time Spent in Accidents." *Theoretical Economics Letters* 5. (2015): 805-809. Web. *

Book Chapter: Batabyal, Amit and Peter Nijkamp. "Introduction to the Region and Trade: New Analytical Directions." *The Region and Trade: New Analytical Directions*. Ed. Amit Batabyal and Peter Nijkamp. Singapore, Singapore: World Scientific Publishing, 2015. 3-25. Print. *

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." NECTAR Conference. University of Michigan. Ann Arbor, MI. 17 Jun. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." AIEFS Biennial Conference. Association of Indian Economic and Financial Studies. Hyderabad, India. 3 Aug. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." City and Regional Planning Department Seminar. Cornell University. Ithaca, NY. 9 Sep. 2015. Lecture. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." CREE Study Group Annual Conference. University of Sherbrooke. Sherbrooke, Canada. 3 Oct. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." RSAI Japan Section Annual Meeting. Japan Section of the Regional Science Association International. Okayama, Japan. 12 Oct. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." Economics Department Seminar. Brock University. St. Catharines, Canada. 27 Oct. 2015. Lecture. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Accessibility, Vulnerability, and Resilience in a Stochastic Model of Sustainable Ecotourism." RSAI NARSC Annual Conference. North American Regional Science Council. Portland, OR. 15 Nov. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Knowledge Goods, Ordinary Goods, and the Effects of Trade Between Leading and Lagging Regions." Monash University Business School Seminar. Monash University. Kuala Lumpur, Malaysia. 18 Mar. 2015. Lecture. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis." International Workshop. Tinbergen Institute. Amsterdam, Netherlands. 14 May 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis." RSAI Japan Section Annual Meeting. Japan Section of the Regional Science Association International. Okayama, Japan. 12 Oct. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "Creative Capital in Production, Inefficiency, and Inequality: A Theoretical Analysis." RSAI NARSC Annual Conference. North American Regional Science Council. Portland, OR. 15 Nov. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Batabyal, Amit. "China, India, and the USA, Productivity and Wages, and a Simple Model of Outsourcing." Gleason College of Engineering Honors Class. RIT. Rochester, NY. 10 Nov. 2015. Lecture. Δ

Published Review: Batabyal, Amit. "Book Review." Rev. of Being Mortal, by A. Gawande. www.curledup.com 10 Jan. 2015: Web. £

Published Review: Batabyal, Amit. "Book Review." Rev. of The Evolving Sphere of Food Security, ed. R.L. Naylor. Choice 1 Mar. 2015: 1367. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of A Fort of Nine Towers, by Q.A. Omar. www.curledup.com 1 Apr. 2015: Web. £

Published Review: Batabyal, Amit. "Book Review." Rev. of The Oxford Handbook of the Macroeconomics of Global Warming, ed. L. Bernard and W. Semmler. Choice 1 Jun. 2015: 1712. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of The Crisis of Zionism, by P. Beinart. www.curledup.com 1 Oct. 2015: Web. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Value and Values, ed. R.T. Ames and P.D. Hershock. Choice 1 Sep. 2015: 2068. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Midnight's Furies, by N. Hajari. www.curledup.com 1 Nov. 2015: Web. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Hell from the Heavens, by J. Wukovits. www.curledup.com 1 Nov. 2015: Web. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Why Are We Waiting?, by N. Stern. Regional Studies 1 Dec. 2015: 2090-2091. Print. £

Published Review: Batabyal, Amit. "Book Review." Rev. of Mapping Urban Practices Through Mobile Phone Data, ed. P. Pucci et al. Interfaces 1 Oct. 2015: 482-483. Print. £

Invited Article/Publication: Batabyal, Amit. "What Does the Strong Dollar Mean for Rochester?" Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "Social Mobility Still Lives." Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "When Profits, Financial Aid Mix in Higher Ed." Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "Should We Oppose China's Infrastructure Bank?" Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "Quality Teachers Have Many Lasting Positive Impacts." Buffalo News. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "Greece Votes 'No' to Austerity; What Now?" Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "China and the Decline in U.S. Manufacturing Jobs." Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "To Spur Innovation, Why Not Get Rid of Patents?" Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "No Economic Benefit to Delaying a Kid's Entry into School." Syracuse Post-Standard. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "Energy Star Rebates Are Sometimes a Good Idea." Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "Why Does the MBA Degree Remain Popular?" Rochester Business Journal. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "Has Bill Shock Lessened?" Rochester Democrat and Chronicle. (2015). Print. ~ ^

Invited Article/Publication: Batabyal, Amit. "Fast Food, Soda, and Candy Are Not Making Americans Fat." Buffalo News. (2015). Print. ~ ^

Journal Editor: Batabyal, Amit, ed. Letters in Spatial and Resource Sciences. Heidelberg: Springer, 2015. Print. *

Shows/Exhibits/Installations: Batabyal, Amit. TV Evening News, Time Warner Cable. 22 Jul. 2015. RIT, Rochester. Performance. *

Shows/Exhibits/Installations: Batabyal, Amit. PBS TV, Need to Know. 19 Nov. 2015. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. WXXI 1370 Radio Evening News. 24 Aug. 2015. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. WXXI 1370 Radio Morning News. 5 Nov. 2015. WXXI Studio, Rochester. Performance.

Shows/Exhibits/Installations: Batabyal, Amit. Connections With Evan Dawson Radio Program. 29 Dec. 2015. WXXI Studio, Rochester. Performance.

Journal Editor: Batabyal, Amit, ed. Associate Editor, Journal of Regional Science. Malden. MA: Wiley-Blackwell, 2015. Print. «

Journal Editor: Batabyal, Amit, ed. Editorial Council, Review of Development Economics. Oxford, UK: Blackwell, 2015. Print. *

Journal Paper: Batabyal, Amit and Hamid Beladi. "The Importance of Creative Capital for Economic Growth in the Presence of Learning by Doing." Regional Science Policy and Practice 7. 4 (2015): 187-197. Print. *

Published Review: Batabyal, Amit. "Book Review." Rev. of The Climate Casino, by W.D. Nordhaus. Interfaces Dec. 1015: 574-575. Print. *

Selhan Sahin

Journal Paper: Sahin, Selhan Garip, Catherine Eckel, and Mana Komai. "An Experimental Study of Leadership Institutions in Collective Action Games." Journal of Economic Science Association 1. 1 (2015): 100-113. Print. £

Jeffrey Wagner, Professor

Journal Paper: Krystofik, Mark, Jeffrey Wagner, and Gabrielle Gaustad. "Leveraging Intellectual Property Rights to Encourage Green Product Design and Remanufacturing for Sustainable Waste Management." Resources, Conservation, and Recycling 97. (2015): 44-54. Print. *

Journal Paper: Wagner, Jeffrey. "A Framework for Undergraduate Research in Economics." Southern Economic Journal 82. 2 (2015): 668-672. Print. *

DEPARTMENT OF ENGLISH

Cecilia Alm, Assistant Professor

Published Conference Proceedings: Paul, Will, et al. "Stressed out: What Speech Tells us About Stress." Proceedings of the Proceedings of Interspeech 2015, pages 3710-3714. Ed. --. Dresden, Germany: ISCA, 2015. Web. *

Invited Keynote/Presentation: Mohammad, Saif and Cecilia O. Alm. "Tutorial: Computational analysis of affect and emotion in language." 2015 Conference on Empirical Methods in Natural Language Processing. ACL. Lisbon, Portugal. 18 Sep. 2015. Conference Presentation. £

Published Conference Proceedings: Schrading, Nicholas, et al. "An Analysis of Domestic Abuse Discourse on Reddit." Proceedings of the Proceedings of the Conference on Empirical Methods in Natural Language Processing. Lisbon, Portugal: ACL, 2015. Web. *

Published Conference Proceedings: Schrading, Nicholas, et al. "An Analysis of Domestic Abuse Discourse on Reddit." Proceedings of the Proceedings of the Conference on Empirical Methods in Natural Language Processing, pages 2577-2583. Lisbon, Portugal: ACL, 2015. Web. «

Published Conference Proceedings: Vaidyanathan, Preethi, et al. "Computational Integration of Human Vision and Natural Language Through Bitext Alignment." Proceedings of the Proceedings of the Workshop on Vision and Language at the Conference on Empirical Methods in Natural Language Processing, pages 4-5. Ed. --. Lisbon, Portugal: ACL, 2015. Web. «

Published Conference Proceedings: Schrading, Nicholas, et al. "#WhyIStayed, #WhyILeft: Microblogging to Make Sense of Domestic Abuse." Proceedings of the Proceedings of the 2015 Conference of the North American Chapter of the Association for Computational Linguistics-Human Language Technologies, pages 1281-1286. Ed. --. Denver, CO: ACL, 2015. Web. «

Published Conference Proceedings: Bethamcherla, Vasudev, et al. "Face-speech Sensor Fusion for Non-invasive Stress Detection." Proceedings of the Proceedings of the 1st Joint Conference on Facial Analysis, Animation, and Auditory-Visual Speech Processing, pages 196-201. Ed. --. Vienna, Austria: ISCA, 2015. Web. *

Invited Keynote/Presentation: Alm, Cecilia O. "Making sense with computational linguistics." Introduction to Biomedical Informatics. URMIC. Rochester, NY. 2 Nov. 2015. Guest Lecture.

Invited Keynote/Presentation: Lytle, Megan, et al. "Using text messages to predict depression and suicidal behavior among LGBT individuals. Poster." International Summit Suicide Research. IASR/AFSP. New York City, NY. 13 Oct. 2015. Conference Presentation.

Invited Keynote/Presentation: Alm, Cecilia O. "Linguistic sensing for human-centered computing." NA. Stockholm University, English Department. Stockholm, Sweden. 9 Jun. 2015. Guest Lecture.

Invited Keynote/Presentation: Alm, Cecilia O. "Linguistic sensing for human-centered computing." NA. Malmö University, Computer Science Department. Malmö, Sweden. 5 Jun. 2015. Guest Lecture.

Invited Keynote/Presentation: Alm, Cecilia O. "Language and multimodal meaning." NA. Xerox PARC. Rochester, NY. 30 Jan. 2015. Guest Lecture.

Published Conference Proceedings: Vaidyanathan, Preethi, et al. "Alignment of Eye Movements and Spoken Language for Semantic Image Understanding." Proceedings of the Proceedings of the 11th International Conference on Computational Semantics, pages 76-81. Ed. --. London, UK: ACL, 2015. Web. «

Published Conference Proceedings: Bullard, Joseph, et al. "Inference from Structured and Unstructured Electronic Medical Data for Dementia Detection." Proceedings of the Proceedings of Operation Research and Computing: Algorithms and Software for Analytics, 14th INFORMS Computing Society Conference (ICS2015), pages 236-244. Ed. --. Richmond, VA: n.p., 2015. Web. *

A.J. Caschetta, Senior Lecturer

Published Review: Caschetta, A.J. "Review of Talking through the Door: An Anthology of Contemporary Middle Eastern American Writing." Rev. of Talking through the Door: An Anthology of Contemporary Middle Eastern American Writing, ed. Susan Atefat-Peckham. Middle East Quarterly Winter 2015: Web. ~

Journal Paper: Caschetta, A.J. "US Should "Un-friend" ISIS." Rochester Democrat and Chronicle. February 25 (2015) Web.

Journal Paper: Caschetta, A.J. "Are Muslims the New Jews?" Jihad Watch. May 8 (2015) Web. Δ

Journal Paper: Caschetta, A.J. "Does Islam Have a Role in Suicide Bombing?" Middle East Quarterly 22. 3 (2015) Web. ~

Journal Paper: Caschetta, A.J. "The Hollow Cry of "McCarthyism"." Inside Higher Ed. July 2 (2015) Web. ~

Journal Paper: Caschetta, A.J. "Laundering Iran's Nukes." The Gatestone Institute. September 9 (2015) Web. ~

Journal Paper: A.J.Caschetta, . "Caliphate Accompli." Jihad Watch. November 29 (2015) Web. Δ

Journal Paper: Caschetta, A.J. "The Backlash Industry." The Daily Caller. December 17 (2015) Web. £

Journal Paper: Caschetta, A.J. "Democrats Don't Know the Islamic State." The Washington Examiner Monday. December 28 (2015) Web. ~

Gail Hosking

National/International Competition Award

Winner: Hosking, Gail. The Best American Essays of 2015. most notable. New York, NY, 2015. *

David S Martins, Associate Professor

Book Chapter: Martins, David Swiencicki and Rebecca Roja Charry. "Between "Pleasantville" and "My Way or the Highway": Promoting Productive Discussion of Social Justice in a Globally Linked Learning Environment." Globalizing On-line: Telecollaborations, Internationalization, and Social Justice. Ed. Nataly Tcherepashenets. Bern, Switzerland: Peter Lang, 2015. 151-173. Print. Δ ~

Journal Paper: Martins, David Swiencicki and Patrick Reed. "Transnational Writing Programs and Emergent Models for Teaching, Learning and Writing." Kairos 20. 1 (2015): Online Journal. Web. ~

Full Length Book: Martins, David Swiencicki (Ed.), Chris M. Anson, and Christiane Donahue. Transnational Writing Program Administration. Logan, UT: Utah State University Press, 2015. Print. ~

Katherine E Morrissey

Book Chapter: Morrissey, Katherine E. "Steamy, Spicy, Sensual: Tracing the Cycles of Erotic Romance." Women & Erotic Fiction: Critical Essays on Genres, Markets & Readers. Ed. Kristen Phillips. Jefferson, NC: McFarland & Co., 2015. 42-58. Print. ~

Invited Article/Publication: Morrissey, Katherine E. "Stop Teaching, Software Start Teaching Software Literacy." Flow. (2015). Web. Δ

Journal Editor: Morrissey, Katherine E., ed. Transformative Works and Cultures. <http://journal.transformativeworks.org/>: n.p., 2015. Web.

Laura A Shackelford, Associate Professor

Invited Article/Publication: Laura, Shackelford,. "Writing Touch at the Interface: Luxuria Superbia's Exploratory Play with Self-Writing." Frame: Journal of Literary Studies. (2015). Print. * Δ

Published Review: Laura, Shackelford,. "Reading Topographies of Post-Postmodernism." Rev. of Post-Postmodernism; or, The Cultural Logic of Just-in-Time Capitalism, by Jeffrey T. Nealon. ebr: Electronic Book Review 4 Apr. 2015: 1-15. Web. *

Invited Keynote/Presentation: Laura, Shackelford,. "R(e)orienting Poetics through Lived Space." International E-Poetry Festival. University of Buenos Aires. Buenos Aires, AR, Argentina. 9 Jun. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Laura, Shackelford,. "Following Through on Touch and Exploratory Play at the Digital Interface." Structures of Digital Feeling Colloquium. Techné Institute for Arts and Emerging Technologies, University of Buffalo. Buffalo, NY. 28 Mar. 2015. Guest Lecture. Δ

Elena R Sommers, Senior Lecturer

Invited Article/Publication: Rakhimova-Sommers, Elena. "'Seeking Fertile, Patriotic Woman: Russian Public Awareness Advertising and Putin's 'Boost the Birthrate' Campaign.'" Lund University Nordic Studies. (2015). Print. * Δ

DEPARTMENT OF HISTORY

Tamar Carroll, Assistant Professor

Full Length Book: Tamar, Carroll,. Mobilizing New York: AIDS, Antipoverty, and Feminist Activism. Chapel Hill, NC: University of North Carolina Press, 2015. Print. *

Rebecca Scales, Assistant Professor

External Scholarly Fellowships/National Review Committee:

4/1/2015 - 4/1/2015

National Endowment for the Humanities
Summer Stipend

Amount: \$6000.00 ≠

**DEPARTMENT OF MODERN LANGUAGES
AND CULTURES**

Nikolina Bozinovic

Journal Paper: Nikolina, Bozinovic, and Sindik, Josko. "Language Proficiency for Careers in Tourism and Learning Different Foreign Languages." Turizam 17. 13 (2013): 121-130. Web. «

Elisabetta D'Amada, Senior Lecturer

Shows/Exhibits/Installations: D'Amada, Elisabetta Sanino. Astrodance: A Dance About the Wonders of the Universe. 6 Aug. 2015. RIT Astrophysics Department Website Permanent Film Screening, Rochester NY. Performance.

**DEPARTMENT OF PERFORMING ARTS AND
VISUAL CULTURE**

Juilee Decker, Associate Professor

Journal Editor: Decker, Juilee, ed. Collections: A Journal for Museum & Archives Professionals. Lanham, MD: Rowman & Littlefield, 2015. Print. *

Full Length Book: Decker, Juilee. Technology & Digital Initiatives: Innovative Approaches for Museums. 1st ed. Lanham, MD: Rowman & Littlefield, 2015. Print. *

Full Length Book: Decker, Juilee. Engagement and Access: Innovative Approaches for Museums. 1st ed. Lanham, MD: Rowman & Littlefield, 2015. Print. *

Full Length Book: Decker, Juilee. Collections Care and Stewardship: Innovative Approaches for Museums. 1st ed. Lanham, MD: Rowman & Littlefield, 2015. Print. *

Full Length Book: Decker, Juilee. Fundraising & Strategic Planning: Innovative Approaches for Museums. 1st ed. Lanham, MD: Rowman & Littlefield, 2015. Print. *

Book Chapter: Decker, Juilee. "Enid Yandell (1869–1934): Kentucky's Frontier Sculptor and 'Bachelor Maid'." Kentucky Women: Their Lives and Times. Ed. Melissa A. McEuen and Thomas H. Appleton. Athens, GA: University of Georgia Press, 2015. 196-218. Print. * Δ

DEPARTMENT OF PHILOSOPHY

Silvia Benso, Professor

Invited Keynote/Presentation: Benso, Silvia. "Pareyson, Heidegger, and the Ontology of Freedom." Society for Phenomenology and Existential Philosophy. Emory University. Atlanta, GA. 10 Oct. 2015. Conference Presentation. *

Evelyn Brister, Associate Professor

Journal Paper: Brister, Evelyn. "Value-Free Science, Policy Advocacy, and Volitional Pragmatism." The Pluralist 10. 1 (2015): 23-30. Print. Δ £

Katie Terezakis, Associate Professor

Invited Article/Publication: Terezakis, Katie. "'Logodaedalus'." The Jean-Luc Nancy Dictionary. (2015). Print. £ ~

Invited Article/Publication: Terezakis, Katie. "Syncope." The Jean-Luc Nancy Dictionary. (2015). Print. £ ~

Lawrence Torcello, Assistant Professor

Invited Article/Publication: Torcello, Lawrence. "Singer, Peter." Cambridge Dictionary of Philosophy, 3rd edition. (2015). Print. Δ ~

Journal Paper: Torcello, Lawrence. "Removing the Rubbish: Consensus, Causation, and Denial." Scientia Salon. (2015): online. Web. £

Journal Paper: Torcello, Lawrence. "The Pope as Philosopher: Faith, Climate Change and Public Reason." The Conversation. (2015): online. Web. £

Journal Paper: Torcello, Lawrence. "Making the Moral Case on Climate Change Ahead of the Paris Summit." The Conversation. (2015): online. Web. £

DEPARTMENT OF PSYCHOLOGY

Esa Rantanen, Associate Professor

Published Conference Proceedings: Wiele, Paul and Esa M. Rantanen. "Incident-reporting Systems: Usability of Input Interfaces and Resulting Data." Proceedings of the the International Symposium of Human Factors and Ergonomics in Healthcare, Baltimore, MD, April 26–29, 2015. Ed. NA. Santa Monica, CA: Human Factors and Ergonomics Society, Web.

Published Conference Proceedings: Nalbandian, Alexander and Esa M. Rantanen. "Learning of Location-identity Bindings: Development of Level 1 Situation Awareness in an Air Traffic Control-like Task." Proceedings of the 18th International Symposium on Aviation Psychology. Ed. NA. Dayton, OH: Association for Aviation Psychology, Web.

Invited Keynote/Presentation: Rantanen, Esa M. "Improving Operator Situation Awareness with Wide Area Geographic Data View Displays of the Electric Grid." New York Independent System Operator (NYISO) Seminar Series. New York Independent System Operator (NYISO). Rensselaer, NY. 23 Apr. 2015. Guest Lecture.

Invited Keynote/Presentation: Rantanen, Esa M. "Human Factors, Multitask Performance, and Temporal Awareness." Finnish Defence Research Agency, Human Performance Division Seminar. Finnish Defence Research Agency, Human Performance Division. Järvenpää, Finland, FIN. 10 Aug. 2015. Guest Lecture.

DEPARTMENT OF SCIENCE TECHNOLOGY AND SOCIETY/ PUBLIC POLICY

Eric Hittinger, Assistant Professor

Journal Paper: Hittinger, Eric and Roger Lueken. "Is Inexpensive Natural Gas Hindering the Grid Energy Storage Industry?" Energy Policy. 87 (2015): 140-152. Print. £

Journal Paper: Hittinger, Eric S. and Inês M. L. Azevedo. "Bulk Energy Storage Increases US Electricity System Emissions." Environmental Science and Technology 49. 5 (2015): 3203-3210. Print. £

Journal Paper: Hittinger, Eric, et al. "Evaluating the Value of Batteries in Microgrid Electricity Systems Using an Improved Energy Systems Model." Energy Conversion and Management. 89 (2015): 458-472. Print. £ ≠

Sandra Rothenberg, Professor

Journal Paper: Rothenberg, Sandra, Clyde Eiríkur Hull, and Zhi Tang. "The Impact of Human Resource Management on Corporate Social Performance Strengths and Concerns." Business and Society. (2015): 1-28. Print. «

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Conerly Casey, Associate Professor

Invited Keynote/Presentation: Casey, Conerly. "The Sensory Politics of Armed Conflict in Northern Nigeria." Department of Anthropology and the Maxwell School of Citizenship and Public Affairs. Syracuse University. Syracuse, NY. 29 Jan. 2015. Lecture. Δ

Invited Keynote/Presentation: Casey, Conerly. "Accumulating Knowledge in the Gulf: Perspectives on Communicating and Archiving Across Disciplines." The State of Research in the Gulf. Gulf Studies Center, American University of Kuwait. Salmiya, Kuwait. 16 Mar. 2015. Conference Presentation. Δ ≠

Invited Keynote/Presentation: Casey, Conerly. "Sensory Politics and War: Affective Anchoring and Vitality in Nigeria and Kuwait." Political Subjectivities Workshop. Robert Lemelson Psychocultural Foundation and Columbia University. New York, NY. 31 May 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Casey, Conerly. "Mediating Violence: Media, Arts and Bodily Traces of War in Kuwait." Middle East Studies Association. Middle East Studies Association. Denver, CO. 21 Nov. 2015. Conference Presentation. Δ

Kijana Crawford, Associate Professor

Published Review: IEEE, . "Tailor-Made: Meeting the Unique Needs of Women of Color STEM-SBS Faculty Through Mentoring." Rev. of Tailor-Made: Meeting the Unique Needs of Women of Color, ed. Blind Reviewer. 2015 IEEE Frontiers in Education Conference Proceedings 29 Jul. 2015: 5. Web. *

Christine Kray, Associate Professor

Invited Keynote/Presentation: Kray, Christine A., Minette C. Church, and Jason Yaeger. "Ambivalent Colonialisms: Fear and Disquiet in British Honduras, 19th-20th Centuries." Annual meetings. American Anthropological Association. Denver, CO. 20 Nov. 2015. Conference Presentation. *

Invited Keynote/Presentation: Kray, Christine A. "On Ever-Shifting Ground: Internal Exiles in British Honduras; Immigrants, Tenants, Evictees, and Reservations." Conable Conference in International Studies. Rochester Institute of Technology. Rochester, NY. 3 Apr. 2015. Conference Presentation. ~

Courtney B Kurlanska

Published Review: Kurlanska, Courtney. Rev. of El Norte or Bust: How Migration Fever and Microcredit Produced a Financial Crash in a Latin American Town, by David Stoll. Anthropology and Humanism 2015: 1. Print.

Invited Keynote/Presentation: Kurlanska, Courtney. "Righteous Development." Annual Meeting. American Anthropological Association. Denver, CO. 19 Nov. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Kurlanska, Courtney. "Not Soc Civil Society." Bi-Annual Conference. NGO-graphies. Denver, CO. 17 Nov. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Kurlanska, Courtney. "Weeding the Grassroots." Annual Meeting. Society for Applied Anthropology. Pittsburgh, PA. 26 Mar. 2015. Conference Presentation. Δ

Uli Linke, Professor

Invited Keynote/Presentation: Linke, Uli. "Language as Battleground: 'Speaking' the Nation, Lingual Citizenship, and Other Disillusions of German Unification." Event: 25 Years of German Unification. Boise State University (World Languages Department). Boise, ID. 15 Oct. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Linke, Uli.

"Speaking in Tongues: Language and Belonging in Europe." Contemporary Europe Research Workshop. Humanities Institute--SUNY Buffalo. Buffalo, NY. 27 Mar. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Linke, Uli.

"Language Politics and German Imaginaries of Othering." 39th Annual Conference of the German Studies Association. *Ethnography and German Studies* (4): Ethnography and the Study of Diversity in Germany. Washington, DC. 3 Oct. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Linke, Uli.

"Off the Edge of Europe: Border Regimes, Visual Culture, and the Politics of Race." Session: Estranging the Familiar: Racism, Immigration, and Nation Making in the Everyday. Annual Meeting of the American Anthropological Association. Denver, CO. 20 Nov. 2015. Conference Presentation. £

Full Length Book: Fenner, Angelica and Uli Linke (eds.). *Remediations of Race and Ethnicity in German Visual Cultures. Transit: A Journal of Travel, Migration, and Multiculturalism in the German-speaking World*, Vol. 9, No. 2 (special issue 2014) ed. Berkeley, CA: University of California Press, 2015. Web. «

Journal Paper: Fenner, Angelica and Uli Linke.

"Cultivating Peripheral Vision: An Introduction." *Transit: A Journal of Travel, Migration, and Multiculturalism in the German-speaking World* 9. 2 (special issue: Remediations of Race and Ethnicity in German Visual Cultures) (2015): 1-12. Web. «

Invited Article/Publication: Linke, Uli.

"Anthropology of Memory." *International Encyclopedia for Social and Behavioral Sciences*, 2nd edition, vol. 4 (Oxford: Elsevier), pp. 181-187.. (2015). Print. *

Book Chapter: Linke, Uli. "Mobile Imaginaries, Portable Signs: Global Consumption and Representations of Slum Life." *Tourism and Geographies of Inequality: The New Global Slumming Phenomenon*. Ed. Fabian Frenzel and Ko Koens. New York, NY: Routledge, 2015. 94-119. Print. *

Jessica W Pardee, Assistant Professor

Book Chapter: Pardee, Jessica W. "Trauma Survivor as Author: Method as Recovery." *Rethinking Disaster Recovery: A Hurricane Katrina Retrospective*. Ed. Jeannie Haubert. Lanham, MD: Lexington Books/Rowman and Littlefield Publishers, 2015. 139-151. Print. Δ

Shana L Siegel, Visiting Assistant Professor

Journal Paper: Siegel, Shana. "What Disruption, Whose Status Quo? Non-Native Narratives of Victimization Surrounding a First Nations' Land Reclamation." *Settler Colonial Studies*. (2016): Not yet specified. Print. «

Invited Keynote/Presentation: Siegel, Shana.

"Resource Extraction, Neoliberalism, Free Trade and Violations of First Nations' Human Rights across Canada." American Sociological Association Annual Meeting. American Sociological Association. Chicago, IL. 22 Aug. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Siegel, Shana.

"What Disruption, Whose Status Quo? Non-Native Narratives of Victimization Surrounding a First Nations' Land Reclamation." American Sociological Association Annual Meeting. American Sociological Association. Chicago, IL. 25 Aug. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Siegel, Shana.

"Confronting Pathologies of Privilege from Ferguson, MO to Burnaby Mountain, B.C." *Sovereign Colonialisms: Resisting Racism, Extraction and Dispossession*. Critical Ethnic Studies Association. Toronto, ON. 2 May 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Siegel, Shana.

"Non-Native constructions of anti-Native narratives in Caledonia from October 2005 to mid-April 2006." Canadian Sociological Association Annual Meeting. Canadian Sociological Association and the Congress of the Humanities and Social Sciences. Ottawa, QC. 4 Jun. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Siegel, Shana. "The 2006 Haudenosaunee Land Reclamation and Occupation: Ten Years Later." Canadian Sociological Association Annual Meeting. Canadian Sociological Association and the Congress of the Humanities and Social Sciences. Ottawa, QC. 2 Jun. 2015. Conference Presentation. Δ

Danielle T Smith, Professor

Invited Keynote/Presentation: Smith, Danielle Taana. "The Immigrant Experience." A Tale for Three Counties. State University of New York, Genesee Community College. Batavia, NY. 17 Feb. 2015. Lecture.

Invited Keynote/Presentation: Smith, Danielle Taana. "Narratives of Refugees: Categorizations and Expectations." Grand Round. University of Rochester/Mount Hope Family Center Developmental Psychopathology. Rochester, NY. 24 Feb. 2015. Guest Lecture.

Invited Keynote/Presentation: Smith, Danielle Taana. "The Impact of the Built Environment on the Health and Well-being of Refugee Populations." Eastern Sociological Society Annual Conference. Eastern Sociological Society. New York, New York. 1 Mar. 2015. Conference Presentation. *

Invited Keynote/Presentation: Smith, Danielle Taana and Kijana Crawford. "Islam: Local and Global Dimensions." Conable Conference in International Studies and Conable African Studies Symposium. Rochester Institute of Technology. Rochester, New York. 2 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Smith, Danielle Taana and Jlateh Vincent Jappah. "The Emergence of Ebola in Liberia and Neighboring West African Nations: Public Health, Nation Building and The Role of The Diaspora." Liberian Studies Association Annual Meeting. Liberian Studies Association. Chicago, IL. 29 May 2015. Conference Presentation. *

Journal Paper: Jappah, Jlateh Vincent and Danielle Taana Smith. "Global Governmentality: Biosecurity in the Era of Infectious Diseases." *Global Public Health* 10. 10 (2015): 1139-1156. Print. *

Invited Keynote/Presentation: Smith, Danielle Taana. "Socratic Forum: Syria's Refugees: A European Crisis?" Socrates Forum. Rochester Institute of Technology. Rochester, NY. 20 Nov. 2015. Guest Lecture.

Journal Paper: Omori, Megumi and Danielle Taana Smith. "The Impact of Socioeconomic Status and Metropolitan area Racial Composition on Visible Consumption Among Racial/ethnic Minorities and Whites." *Race and Social Problems* 7. 3 (2015): 169-180. Print. *

OFFICE OF ENDOWED CHAIRS

Benjamin N Lawrance, Professor

Book Chapter: Lawrance, Benjamin N. "From 'Health Tourism' to 'Atrocious Barbarism': Contextualizing African Migrant Choice, Expertise, and Medical Humanitarian Practice." *Adjudicating Refugee and Asylum Status: The Role of Witness, Expertise, and Testimony*. New York, NY: Cambridge University Press, 2015. 221-244. Print. «

Full Length Book: Terretta, Iris Berger, Tricia Redeker Hepner, Benjamin N. Lawrance, Joanna T. Tague, and Meredith. *African Asylum at a Crossroads: Activism, Expert Testimony, and Refugee Rights*. 1st ed. Athens, OH: Ohio University Press, 2015. Print. *

Journal Paper: Lawrance, Benjamin N. "Boko Haram, Asylum, and Memes of Africa." *HAWWA: Journal of Middle East Women's Studies* 13. 2 (2015): 148-53. Print. Δ

Book Chapter: Terretta, Benjamin N. Lawrance, Iris Berger, Tricia Redeker Hepner, Joanna T. Tague, and Meredith. "Law, Expertise, and Protean Ideas about African Migrants." *African Asylum at a Crossroads: Activism, Expert Testimony, and Refugee Rights*. Athens, OH: Ohio University Press, 2015. 1-37. Print. «

Book Chapter: Ruffer, Benjamin N Lawrance and Galya. "Witness to the Persecution? Expertise, Testimony, and Consistency in Asylum Adjudication." *Adjudicating Refugee and Asylum Status: The Role of Witness, Expertise, and Testimony*. New York, NY: Cambridge University Press, 2015. 1-24. Print. «

CHESTER F. CARLSON CENTER FOR IMAGING SCIENCE

Charles Bachmann

Journal Paper: Bachmann, Charles M., et al. "Wavelength dependence of the bidirectional reflectance distribution function (BRDF) of beach sands." *Applied Optics* 54. 31 (2015): F243-F255. Print. *

Journal Paper: Bachmann, Charles M., et al. "A flexible goniometer system: The Goniometer for Outdoor Portable Earth Reflectance (GOPHER)." Submitted to *Journal of Applied Remote Sensing*. (2015): --. Print. *

Journal Paper: Bachmann, Charles M., et al. "Soil signature simulation of complex mixtures and particle size distributions." *Optical Engineering* 54. 9 (2015): 094103-1--094103-10. Print. *

Published Conference Proceedings: Bachmann, Charles M. "A Next Generation Field-portable Goniometer System." *Proceedings of the SPIE Defense and Security 2016*. Baltimore, Maryland: SPIE, 2015. Print. *

Published Conference Proceedings: Bachmann, Charles M. "How Many Spectral Bands are Necessary to Describe the Directional Reflectance of Beach Sands?" *Proceedings of the SPIE Defense and Security 2016*. Baltimore, Maryland: SPIE, 2015. Print. *

Published Conference Proceedings: Bachmann, Charles M. "Retrieval of Sediment Fill Factor from Hyperspectral BRDF Measurements of Coastal Sediments." *Proceedings of the SPIE Defense and Security 2016*. Baltimore, Maryland: SPIE, 2015. Print. *

Published Conference Proceedings: Bachmann, Charles M. "Schrodinger Eigenmaps for Semi-supervised Manifold Alignment of Hyperspectral Imagery." *Proceedings of the SPIE Defense and Security 2016*. Baltimore, Maryland: SPIE, 2015. Print. *

Published Conference Proceedings: Bachmann, Charles M. "Improved Modeling of Multiple Scattering in Hyperspectral BRDF of Coastal Sediments Observed Using the Goniometer of the Rochester Institute of Technology (GRIT)." *Proceedings of the Imaging Spectrometry XX*. San Diego, California: SPIE, 2015. Print. *

Published Conference Proceedings: Bachmann, Charles M. "Influence of Density on Hyperspectral BRDF Signatures." *Proceedings of the SPIE Defense and Security 2015*. Baltimore, Maryland: SPIE, 2015. Print. *

Published Conference Proceedings: Bachmann, Charles M. "Modeling and Mitigating Noise in Graph and Manifold Representations of Hyperspectral Imagery." *Proceedings of the SPIE Defense and Security 2015*. Baltimore, Maryland: SPIE, 2015. Print. *

Peter Bajorski, Professor

Journal Paper: Bajorski, Peter, et al. "Fusing High Spatial Resolution RapidEye and High Temporal Resolution MODIS Imagery for Land Cover Classification." *Remote Sensing TBD*. (2015): --. Print. *

Scott Brown

Published Conference Proceedings: Brown, Scott D. "Towards Robust Forest Leaf Area Index Assessment Using an Imaging Spectroscopy Simulation Approach." *Proceedings of the International Geoscience and Remote Sensing Symposium*. Milano, Lombardia: IEEE, 2015. Print. *

Nathan D. Cahill, Associate Professor

Published Conference Proceedings: Cahill, Nathan D. "Schrodinger eigenmaps for semi-supervised manifold alignment of hyperspectral imagery." Proceedings of the SPIE Defense and Security 2016. Baltimore, Maryland: SPIE, 2015. Print. *

Published Conference Proceedings: Cahill, Nathan D. "Comparison of Lesion-centered vs Lung-centered Registration for Nodule Assessment from Lung CT Images." Proceedings of the WNYISPWS. Rochester, New York: IEEE, 2015. Print. *

Roger Easton Jr, Professor

Journal Paper: Easton, Roger L., et al. "Initial inspection of reagent damage to the Vercelli Book." Comparative Oriental Manuscript Studies Bulletin 1. 1 (2015): 34--45. Print. *

Published Conference Proceedings: Easton, Roger L. "Rediscovering Text in the Yale Martellus Map, Spectral Imaging and the New Cartography." Proceedings of the 7th IEEE International Workshop on Information Forensics and Security. Rome, none: IEEE, 2015. Print. *

Jason Faulring

Journal Paper: Faulring, J W., et al. "Measuring Radiant Emissions from Entire Prescribed Fires with Ground, Airborne and Satellite Sensors RxCADRE 2012." Intl. J. of Wildland Fire. (2015) Print. *

James A. Ferwerda, Associate Professor

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AKHTAR A. KHAN IS AN ASSOCIATE PROFESSOR AT THE SCHOOL OF MATHEMATICAL SCIENCES. HIS RESEARCH INTERESTS LIE BROADLY IN THE THEORY, NUMERICS, AND APPLICATIONS OF INVERSE PROBLEMS. HE IS ALSO ACTIVELY ENGAGED IN SET-VALUED OPTIMIZATION, VARIATIONAL AND QUASI-VARIATIONAL INEQUALITIES, AND OPTIMAL CONTROL.

Inverse Problems is a key interdisciplinary field, offering a fruitful interaction between the mathematical sciences, the life sciences and the social sciences in which the fundamental goal is the development of mathematical models, computational tools, and simulation techniques to assist in problems emerging in diverse disciplines. Khan's primary interest is in elastography inverse problem which extends the practice of palpation, making use of the varying elastic properties of healthy and diseased tissue to identify likely tumors. He has recently devised a new convex framework that not only gives a global optimal solution, but also provides a fast and reliable computational setting for the elastography inverse problem of tumor identification.

Set-valued optimization is a vibrant and expanding branch of applied mathematics that deals with optimization problems where the objective map and the constraint maps are set-valued maps. Khan has contributed in various aspects of set-valued optimization. Most notably, he is the co-author of the monograph Set-Valued Optimization: Theory, methods and applications, published by Springer in 2014. This monograph which consumes almost 800 pages, is the first book on this subject and it reports most of the developments in this discipline.

Khan is an Associate Editor of the prestigious international journals Optimization and Journal of Optimization Theory and Applications. He is proud of his collaboration with faculty at RIT, nationally, and internationally, and he believes that his collaborators not only push him to sustain a high quality research agenda, they also provide necessary motivation and inspiration. More details of Khan's work can be found at: people.rit.edu/~aaksma/

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Matthew J Hoffman, Assistant Professor

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Emmett Ientilucci, Research Assistant Professor

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N Rao, Research Professor

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Jan van Aardt, Associate Professor

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Journal Paper: Berns, R. S., F. M. Abed, and B. D. Cox. "Wavelength-dependent Spatial Correction and Spectral Calibration of a Liquid Crystal Tunable Filter System." Applied Optics 54. (2015): 3687-3693. Print. *

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Published Conference Proceedings: Berns, R. S. and M. Derhak. "ETRGB: An Encoding Space for Artwork Imaging." Proceedings of the IS&T Archiving Conference. Ed. S. Grinnan. Alexandria, VA: n.p., 2015. Print. *

Journal Paper: Derhak, M. and R. S. Berns. "Introducing Wpt (Waypoint)—A Color Equivalency Representation for Defining a Material Adjustment Transform." *Color Research Application* 40. (2015): 535–549. Print. £

Journal Paper: Derhak, M. and R. S. Berns. "Introducing WLab—Going from Wpt (Waypoint) to a uniform material color equivalency space." *Color Research Application* 40. (2015): 550–563. Print. £

Mark Fairchild, Professor

Full Length Book: Elliott, A., M.D. Fairchild, and A. Franklin. *Handbook of Color Psychology*. Cambridge, UK: Cambridge University Press, 2015. Print. *

Published Conference Proceedings: Long, D.L. and M.D. Fairchild. "Observer metamerism models and multiprimary display systems." *Proceedings of the SMPTE Annual Technical Conference*. Ed. SMPTE. Hollywood, CA: SMPTE, Print. *

Published Conference Proceedings: Fairchild, M.D. and Y. Asano. "Custom color matching functions: Extending the CIE 2006 model." *Proceedings of the The 10th Biennial Joint CNC/CIE and CIE/USA Technical Conference*. Ed. CIE. Toronto, ON: CIE, Print. *

Journal Paper: Melgosa, M., et al. "What can we learn from a dress with ambiguous colors?" *Color Research and Application* 40. (2015): 525-529. Print. *

Published Conference Proceedings: Asano, Y., M.D. Fairchild, and L. Blondé. "Spectral pseudo-isochoromatic images: Vision test for color-normal observers." *Proceedings of the AIC2015 / MCS 2015*. Ed. AIC. Tokyo, JP: AIC, Print. *

Journal Paper: Fairchild, M.D. "Seeing, adapting to, and reproducing the appearance of nature." *Virtual Journal for Biomedical Optics* 10. 3 (2015): 1-10. Web. *

Published Conference Proceedings: Long, D.L. and M.D. Fairchild. "Reducing observer metamerism in wide-gamut multiprimary displays." *Proceedings of the SPIE/IS&T Electronic Imaging Conference*. Ed. SPIE. San Francisco, CA: SPIE, Print. *

Published Conference Proceedings: Heranz, A. Forés, M.D. Fairchild, and I. Tastl. "An abridged goniometer for material appearance measurements." *Proceedings of the SPIE/IS&T Electronic Imaging Conference*. Ed. SPIE. San Francisco, CA: SPIE, Print. *

Journal Paper: Fairchild, M.D. "Seeing, adapting to, and reproducing the appearance of nature." *Applied Optics* 54. (2015): B107-B116. Print. *

Michael J Murdoch

Journal Paper: Murdoch, M J, M G M Stokkermans, and M Lambooij. "Towards Perceptual Accuracy in 3D Visualizations of Illuminated Indoor Environments." *Journal of Solid State Lighting* 2. 12 (2015): 1-19. Web. *

SCHOOL OF CHEMISTRY AND MATERIALS SCIENCE

Lea Michel, Assistant Professor

Journal Paper: Michel, Lea Vacca, et al. "Dual orientation of the outer membrane lipoprotein Pal in Escherichia coli." *Microbiology* 161. (2015): 1251-1259. Print. *

Full Patent: Pichichero, Michael, et al. "Compositions and methods related to P6." U.S. Patent 9101568. 11 Aug. 2015. ~

Kalathur S Santhanam, Professor

Book Chapter: Santhanam, K.S.V. "Performance Characteristics of Polymer Electrolyte Fuel Cell." *Clean Energy:Hydrogen/Fuel Cells Laboratory Manual*. Rochester, NY: RIT, 2015. 44-57. Print.

Book Chapter: Santhanam, K.S.V. "Borohydride Fuel Cell." *Clean Energy:Hydrogen/Fuel Cells Laboratory Manual*. Rochester, NY: RIT, 2015. 84-97. Print.

Book Chapter: Santhanam, K.S.V. "Solar Electrolyzer Fueled Polymer Electrolyte Membrane Fuel Cell." Clean Energy:Hydrogen/Fuel Cells Laboratory Manual. Rochester, NY: RIT, 2015. 98-109. Print.

Book Chapter: Santhanam, K.S.V. "Performance of Characteristics of a Dissolved Methanol Fuel Cell." Clean Energy:Hydrogen/Fuel cells Laboratory Manual. Rochester, NY: RIT, 2015. 72-83. Print.

Gerald Takacs, Professor

Journal Paper: Takacs, Gerald A. and Alla Bailey. "Surface characterization of polystyrene treated with ozone and grafted with poly(acrylic acid)." Journal of Adhesion Science and Technology 29. 1 (2015): 1-11. Print. «

Journal Paper: Takacs, Gerald A., Alla Bailey, and Thomas Allston. "Hydrogen Storage Experiments for an Undergraduate Laboratory Course-Clean Energy: Hydrogen/Fuel Cells." Journal of Chemical Education 92. 4 (2015): 688-692. Print. «

Full Length Book: Allston, Thomas D., et al. Clean Energy: Hydrogen/Fuel Cells Laboratory Manual. New York, NY: LuLu Publishing, 2015. Print. Δ

Invited Keynote/Presentation: Bailey, Alla, Gerald A. Takacs, and Brenda Mastrangelo. "Educational experience: Training high school teachers in the field of Clean energy: Hydrogen/fuel cells." 40th Northeast Regional Meeting of the American Chemical Society. American Chemical Society. Ithaca, NY. 10 Jun. 2015. Conference Presentation.

Invited Keynote/Presentation: Toro, Marc, Alla Bailey, and Gerald A. Takacs. "Surface Modification of Poly(ethylene 2,6-naphthalate) Treated with Ozone and UV Photo-oxidation." 42th Annual Rochester Academy of Science Paper Session. Rochester Academy of Science. Canandaigua, NY. 7 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Li, Xinyun, Alla Bailey, and Gerald A. Takacs. "Surface Modification of the Landfill Waste Polystyrene with Vacuum UV Photo-Oxidation and Grafted with Poly(Acrylic Acid)." 42th Annual Rochester Academy of Science Paper Session. Rochester Academy of Science. Canandaigua, NY. 7 Nov. 2015. Conference Presentation.

SCHOOL OF MATHEMATICAL SCIENCES

Ephraim Agyingi, Associate Professor

Journal Paper: Mobit, Paul, et al. "What do Dosimetric Errors Encountered in Prostate Implant Brachytherapy tell us about alpha/beta?" J.Nuclear Medicine & Radiation Therapy 6:214. (2015): 1-6. Web.

Journal Paper: Agyingi, Ephraim, Tamas Wiandt, and Sophia Maggelakis. "Thermal detection of a prevascular tumor embedded in breast tissue." Mathematical Biosciences and Engineering 12. 5 (2015): 907-915. Web.

Invited Keynote/Presentation: Ngwa, Matthias, Ephraim Agyingi, and Tamas Wiandt. "Transmission dynamics of multiple species of malaria with time delay." 2015 AMMCS-CAIMS Congress. Wilfrid Laurier University. Waterloo, On, Canada. 7-12 Jun. 2015. Conference Presentation.

Invited Keynote/Presentation: Agyingi, Ephraim, Tamas Wiandt, and Sophia Maggelakis. "A quantitative model of cutaneous melanoma diagnosis using thermography." 2015 AMMCS-CAIMS Congress. Wilfrid Laurier University. Waterloo, On, Canada. 7-12 Jun. 2015. Conference Presentation.

Invited Keynote/Presentation: Agyingi, Ephraim, Matthias Ngwa, and Tamas Wiandt. "The dynamics of multiple species and strains of malaria." Symposium on Biomathematics and Ecology Education and Research. Illinois State University. Normal, IL. 9-11 Oct. 2015. Conference Presentation.

Peter Bajorski, Professor

Journal Paper: Pichichero, 3.R. Osgood, F. Salamone, A. Diaz, J. Casey, P. Bajorski, M. "Effect of pH and Oxygen on Biofilm Formation in Acute Otitis Media Associated NTHi Clinical Isolates." The Laryngoscope. (2015): 12-24. Print. *

Nathaniel S Barlow, Assistant Professor

Journal Paper: Barlow, Nathaniel S., et al. "Communication: Analytic continuation of the virial series through the critical point using parametric approximants." Journal of Chemical Physics 143. (2015): 071103 (1-5). Print. *

Journal Paper: Barlow, Nathaniel S., Brian T. Helenbrook, and Steven J. Weinstein. "Algorithm for Spatio-temporal Analysis of the Signalling Problem." IMA Journal of Applied Mathematics doi:10.1093/imamat/hxv040. (2015): 1-32. Print. *

Nathan D. Cahill, Associate Professor

Journal Paper: Ek, Bryan, et al. "A Comprehensive Comparison of Graph Theory Metrics for Social Networks." Social Network Analysis and Mining 5. 1 (2015): 1-7. Print. *

Journal Paper: Gopal, Shruti, et al. "Spatial Variance in Resting fMRI Networks of Schizophrenia Patients: An Independent Vector Analysis." Schizophrenia Bulletin 42. 1 (2015): 152-160. Print. *

Invited Keynote/Presentation: Cahill, Nathan D. "Semi-Supervised Graph-Based Methods for Image Segmentation and Classification." Norbert Wiener Center Seminar. University of Maryland College Park. College Park, MD. 10 Nov. 2015. Guest Lecture.

Invited Keynote/Presentation: Cahill, Nathan D. "Clustering, Segmentation, and Classification of Image Data Using Graph-Based Models." Invited Seminar. Institute for Defense Analyses. Bowie, MD. 18 Nov. 2015. Guest Lecture.

Published Conference Proceedings: Chew, Selene E. and Nathan D. Cahill. "Semi-Supervised Normalized Cuts for Image Segmentation." Proceedings of the International Conference on Computer Vision, December 2015. Ed. Ruzena Bajcsy. Santiago, Chile: IEEE, Print. *

Published Conference Proceedings: Katuwal, Gajendra J., et al. "The Predictive Power of Structural MRI in Autism Diagnosis." Proceedings of the Engineering in Medicine and Biology Society (EMBC), 2015 37th Annual International Conference of the IEEE, August 2015. Ed. Sergio Cerutti. Milan, Italy: IEEE, Print. *

Published Conference Proceedings: Cahill, Nathan D., Selene E. Chew, and Paul S. Wenger. "Spatial-Spectral Dimensionality Reduction of Hyperspectral Imagery with Partial Knowledge of Class Labels." Proceedings of the SPIE Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXI, April 2015. Ed. Miguel Velez-Reyes; Fred A. Kruse. Baltimore, MD: SPIE, Print. *

Published Conference Proceedings: Zhang, Xuewen, et al. "SLIC superpixels for efficient graph-based dimensionality reduction of hyperspectral imagery." Proceedings of the SPIE Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXI, April 2015. Ed. Miguel Velez-Reyes; Fred A. Kruse. Baltimore, MD: SPIE, Print. *

Published Conference Proceedings: Dangi, Shusil, et al. "Endocardial left ventricle feature tracking and reconstruction from tri-plane trans-esophageal echocardiography data." Proceedings of the SPIE Medical Imaging 2015: Image-Guided Procedures, Robotic Interventions, and Modeling, February 2015. Ed. Robert J. Webster; Ziv R. Yaniv. Orlando, FL: SPIE, Print. *

Published Conference Proceedings: Hu, Yang, et al. "Classification of Hyperspectral Images Based on Conditional Random Fields." Proceedings of the SPIE Image Processing: Machine Vision Applications VIII, February 2015. Ed. Edmund Y. Lam; Kurt S. Niel. San Francisco, CA: SPIE, Print. *

Published Conference Proceedings: Piramanayagam, Sankaranarayanan, et al. "Shot Boundary Detection and Label Propagation for Spatio-Temporal Video Segmentation." Proceedings of the SPIE Image Processing: Machine Vision Applications VIII, February 2015. Ed. Edmund Y. Lam; Kurt S. Niel. San Francisco, CA: SPIE, Print. *

Elizabeth Cherry, Associate Professor

Journal Paper: Ganesan, P, et al. "Characterization of Electrograms From Multi-polar Diagnostic Catheters During Atrial Fibrillation." BioMed Research International. (2015): 272954. Web. * £ ≠

Journal Paper: Liu, B R and E M Cherry. "Image-based Structural Modeling of the Cardiac Purkinje Network." BioMed Research International. (2015): 621034. Web. * £ ≠

Journal Paper: Islam, M A, et al. "Model-order Reduction of ion Channel Dynamics Using Approximate Bisimulation." Theoretical Computer Science 599. (2015): 34-46. Print. * £ ≠

Journal Paper: Bueno-Orovio, A, et al. "Basis for the Induction of Phase-2 Reentry as a Repolarization Disorder in the Brugada Syndrome." BioMed Research International. (2015): 197586. Web. * £ ≠

Journal Paper: Hoffman, M J, et al. "Reconstructing 3D Reentrant Cardiac Electrical Wave Dynamics Using Data Assimilation." Chaos 26. (2016): 13107. Print. * £ ≠

Book Chapter: Bell, M M and E M Cherry. "Computational Cardiac Electrophysiology: Implementing Mathematical Models of Cardiomyocytes to Simulate Action Potentials of the Heart." Methods in Molecular Biology. Ed. G R Skuse and M C Ferran. New York, New York: Springer, 2015. 65-74. Print. £ ≠

Joshua A Faber, Associate Professor

Journal Paper: Lombardi, James C, William G McInally, and Joshua A Faber. "An Efficient Radiative Cooling Approximation for Use in Hydrodynamic Simulations." Monthly Notices of the Royal Astronomical Society 447. 1 (2015): 25-35. Print. £

David L Farnsworth, Professor

Journal Paper: Farnsworth, David L. "Identical Twins Raised Apart." Teaching Statistics 37. 1 (2015): 1-6. Print. «

Raluca Felea, Associate Professor

Journal Paper: Felea, Raluca and Cliff Nolan. "Monostatic SAR with fold/cusp singularities." Journal of Fourier Analysis and Applications 21. 4 (2015): 799-821. Print. £

Invited Keynote/Presentation: Felea, Raluca. "Monostatic SAR with inflection points." Computational and Analytical Aspects of Image Reconstruction. ICERM, Brown University. Providence, RI. 13 Jul. 2015. Keynote Speech.

Invited Keynote/Presentation: Felea, Raluca. "Fourier integral operators with cusp singularities." Program on Inverse Problems. Institut Henri Poincare. Paris, France. 11 Jun. 2015. Conference Presentation.

Invited Keynote/Presentation: Felea, Raluca. "Inverse problems in bistatic SAR with different speeds." Applied Inverse Problems Conference. University of Helsinki. Helsinki, Finland. 29 May 2015. Conference Presentation.

Invited Keynote/Presentation: Felea, Raluca. "Microlocal analysis of FIOs with singularities." Analysis Seminar. SUNY Albany. Albany, NY. 20 May 2015. Guest Lecture.

Invited Keynote/Presentation: Felea, Raluca. "Microlocal analysis in seismic imaging." Central Spring Sectional Meeting. Michigan State University. East Lansing, MI. 15 Mar. 2015. Conference Presentation.

Ernest Fokoue, Associate Professor

Book Chapter: Dey, Tanujit and Ernest Fokoue. "Bayesian Variable Selection For Predictively Optimal Regression." *Current Trends in Bayesian Methodology with Applications*. Ed. Dipak K, Umesh Singh and A. Loganathan. New York, New York: Chapman and Hall, 2015. Print. * Δ £

Journal Paper: Corsetti, Matthew and Ernest Fokoue. "Nonnegative Matrix Factorization With Zellner Penalty." *Open Journal of Statistics* 5. 7 (2015): 777-786. Web. * £

Journal Paper: Liu, Bohan and Ernest Fokoue. "Random Subspace Learning Approach to High-Dimensional Outliers Detection." *Open Journal of Statistics* 5. 6 (2015): 618-630. Web. * £

Matthew J Hoffman, Assistant Professor

Journal Paper: Uzkent, Burak, Matthew J. Hoffman, and Anthony Vodacek. "Spectral Validation of Measurements in a Vehicle Tracking DDDAS." *Procedia Computer Science* 51. (2015): 2493-2502. Web. «

Published Conference Proceedings: Uzkent, Burak, Matthew J. Hoffman, and Anthony Vodacek. "Efficient integration of spectral features for vehicle tracking utilizing an adaptive sensor." *Proceedings of the SPIE Conference on Video Surveillance and Transportation Imaging Applications*. Ed. Robert Loce and Eli Saber. San Francisco, CA: n.p., 2015. Web. «

Published Conference Proceedings: Uzkent, Burak, et al. "Background image understanding and adaptive imaging for vehicle tracking." *Proceedings of the SPIE Conference on Airborne Intelligence, Surveillance, Reconnaissance (ISR) Systems and Applications XII*. Ed. Daniel J. Henry, et al. Baltimore, MD: n.p., 2015. Web. ~

Invited Keynote/Presentation: Hoffman, Matthew J. "Ground Target Tracking Utilizing DDDAS Based Control of an Adaptive Optical Sensor." *IEEE Geoscience and Remote Sensing Joint Chapter Meeting*. IEEE Geoscience and Remote Sensing Joint Chapter. Rochester, NY. 31 Mar. 2015. Lecture.

Baasansuren Jadamba, Assistant Professor

Invited Keynote/Presentation: Jadamba, Baasansuren. "Stability of an Equation Error Approach for an Inverse Problem." *Joint Mathematics Meeting*. American Mathematical Society. San Antonio, TX. 10 Jan. 2015. Conference Presentation.

Journal Paper: Jadamba, Baasansuren, et al. "Identification of Flexural Rigidity in a Kirchhoff Plates Model Using a Convex Objective and Continuous Newton Method." *Mathematical Problems in Engineering* 2015. Article ID 290301 (2015): 11. Web. *

Journal Paper: Bush, Nathan, et al. "Identification Of A Parameter In Fourth-Order Partial Differential Equations By An Equation Error Approach." *Math. Slovaca* 65. 5 (2015): 1-13. Print. *

Invited Keynote/Presentation: Jadamba, Baasansuren. "Equation Error Approach for Elasticity Imaging Inverse Problem." *Modeling and Optimization: Theory and Applications (MOPTA)*. Lehigh University. Bethlehem, PA. 20 Jul. 2015. Conference Presentation.

Invited Keynote/Presentation: Jadamba, Baasansuren. "Minimization of a Principal Eigenvalue of a Mixed Dispersal Model." *22nd International Symposium on Mathematical Programming*. Mathematical Optimization Society. Pittsburgh, PA. 13 Jul. 2015. Conference Presentation.

Journal Paper: Faraci, Francesca, Baasansuren Jadamba, and Fabio Raciti. "On Stochastic Variational Inequalities with Mean Value Constraints." *Journal of Optimization Theory and Applications*. (2016): 1-19. Web. *

Akhtar Khan, Associate Professor

Journal Paper: Bush, Nathan, et al. "Identification Of A Parameter in Fourth-Order Partial Differential Equations By An Equation Error Approach." *Mathematica Slovaca* 65. (2015): 1-13. Print. *

Invited Keynote/Presentation: Khan, Akhtar A. "An Optimization Framework for the Elasticity." Variational Analysis And Applications. International Centre for Scientific Culture "E. Majorana" School of Mathematics "G. Stampacchia". Erice, Italy. 28 Aug. 2015. Conference Presentation. *

Invited Keynote/Presentation: Khan, Akhtar A. "Stability of the Elasticity Imaging Inverse Problem." Applied Inverse Problems. Inverse Problems Society. Helsinki, Finland. 25 May 2015. Conference Presentation. *

Invited Keynote/Presentation: Khan, Akhtar A. "Computational Methods for Elastography Inverse Problem,." High Performance Computing in Science and Engineering. University of Ostrava. Ostrava, Czech Republic. 25 May 2015. Conference Presentation. *

Invited Keynote/Presentation: Khan, Akhtar A. "On Evolutionary and Elliptic Quasi Variational Inequalities." The 22nd International Symposium on Mathematical Programming,. Carnegie Mellon University and University of Pittsburgh. Pittsburgh,, USA. 12 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Khan, Akhtar A. "Some Aspects of Elastography Inverse Problem." The Modeling and Optimization: Theory and Applications (MOPTA). Lehigh University. Bethlehem, PA. 20 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Khan, Akhtar A. "Parameter Identification in Variational Problems,." Recent Developments in Applied Mathematics. Palacky University Olomouc. Palacky, Czech Republic. 2 Feb. 2015. Conference Presentation. *

Invited Keynote/Presentation: Khan, Akhtar A. "Heavy Ball with Friction Methods for Inverse Problems." Joint Mathematics Meetings. SIAM/MAA. San Antonio, USA. 10 Jan. 2015. Conference Presentation. *

Journal Paper: Khan, Akhtar A. and Dumitru Motreanu. "Existence Theorems for Elliptic and Evolutionary." J Optim Theory Appl 167. (2015): 1136-1161. Print. *

Journal Paper: Jadamba, B., et al. "Identification of Flexural Rigidity in a Kirchhoff Plates Model." Mathematical Problems in Engineering ID 290301. (2015): 1-11. Print. *

Journal Paper: Khan, Akhtar A., Christiane Tammer, and Constantin Zalinescu. "Regularization of quasi-variational inequalities." Optimization 64. (2015): 1703-1724. Print. *

Book Chapter: Khan, Akhtar A., Elisabeth Koebis, and Christiane Tammer. "Scalarization Methods in Multiobjective Optimization, Robustness, Risk Theory and Finance." Multiple Criteria Decision Making in Finance. Ed. M. Al-Shamari. Berlin, Germany: Springer, 2015. 135-157. Print. *

Book Chapter: Gockenbach, M., et al. "Proximal Methods for the Elastography Inverse Problem of Tumor Identification Using an Equation Error Approach." Advances in Variational and Hemivariational Inequalities. Berlin, Germany: Springer, 2015. 169-192. Print. *

Journal Editor: Grecksch, Wilfried, et al, ed. JOTA. New York: Springer, 2015. Print. *

Laura M Munoz, Assistant Professor

Invited Keynote/Presentation: Munoz, Laura. "Data Reconstruction Algorithms for Cardiac Action Potential Dynamics." RIT Grant Writers' Boot Camp Poster Session. RIT. Rochester, NY. 17 Nov. 2015. Conference Presentation.

Darren A Narayan, Professor

Invited Keynote/Presentation: Narayan, Darren. "Panel: Undergraduate Research in Mathematics." Joint Mathematics Meetings. Mathematical Association of America. San Antonio, TX. 11 Jan. 2015. Conference Presentation. ~

Invited Keynote/Presentation: Narayan, Darren. "STEM Real World Applications of Mathematics." Joint Mathematics Meetings. MAA - NSF-DUE Poster Session. San Antonio, TX. 11 Jan. 2015. Conference Presentation. ~

Invited Keynote/Presentation: Narayan, Darren. "Modeling Functional Connectivity of the Brains of Athletes." Joint Mathematics Meetings. Mathematical Association of America. San Antonio, TX. 11 Jan. 2015. Conference Presentation. ~

Richard O'Shaughnessy, Assistant Professor

Journal Paper: Veitch, John, et al. "Robust Parameter Estimation for Compact Binaries With Ground-based Gravitational-wave Observations Using LALInference." *Physical Review D* 91. (2015): 42003. Print. * £ ≠

Wei Qian, Assistant Professor

Journal Paper: Qian, Wei, Yi Yang, and Hui Zou. "Tweedie's Compound Poisson Model with Grouped Elastic Net." *Journal of Computational and Graphical Statistics*. (2015): forthcoming. Print. £

Journal Paper: Qian, Wei and Yuhong Yang. "Kernel Estimation and Model Combination in a Bandit Problem with Covariates." *Journal of Machine Learning Research*. (2015): forthcoming. Print. £

Michael Radin, Associate Professor

Journal Paper: Radin, Michael, Alexander Pisarchik, and Ryan Vogt. "Non-autonomous Discrete Neuron Model with Multiple Periodic and Eventually Periodic Solutions." *Discrete Dynamics in Nature and Society* 2015. (2015): 6. Web. *

Journal Paper: Radin, Michael and Inese Bula. "Periodic Orbits of a Neuron Model with Periodic Internal Decay Rate." *Applied Mathematics and Computation* 266. (2015): 293-303. Web. *

Paul Wenger, Assistant Professor

Journal Paper: Ferrara, Michael, et al. "Graph Saturation in Multipartite Graphs." *Journal of Combinatorics* 7. 1 (2016): 1-19. Print. *

John Whelan, Associate Professor

Journal Paper: Mittal, Rupal, John T Whelan, and Françoise Combes. "Constraining Star Formation Rates in Cool-core Brightest Cluster Galaxies." *Monthly Notices of the Royal Astronomical Society* 450. (2015): 2564-2592. Print. * £ ≠

Journal Paper: Whelan, John T, et al. "Model-Based Cross-Correlation Search for Gravitational Waves from Scorpius X-1." *Physical Review D* 91. (2015): 102005. Print. * £ ≠

Journal Paper: Messenger, C., et al. "Gravitational Waves from Scorpius X-1: A Comparison of Search Methods and Prospects for Detection with Advanced Detectors." *Physical Review D* 92. (2015): 23006. Print. * £ ≠

Journal Paper: Aasi, J., et al. "Searching for Stochastic Gravitational Waves Using Data from the Two Colocated LIGO Hanford Detectors." *Physical Review D* 91. (2015): '022003. Print. * £ ≠

Journal Paper: Aasi, J, et al. "Narrow-band Search of Continuous Gravitational-wave Signals from Crab and Vela Pulsars in Virgo VSR4 Data." *Physical Review D* 91. (2015): '022004. Print. * £ ≠

Journal Paper: Aasi, J, et al. "Advanced LIGO." *Classical and Quantum Gravity* 32. (2015): '074001. Print. * £ ≠

Journal Paper: Aasi, J., et al. "Directed Search for Gravitational Waves from Scorpius X-1 with initial LIGO Data." *Physical Review D* 91. (2015): '062008. Print. * £ ≠

Journal Paper: Aasi, J, et al. "Characterization of the LIGO Detectors During Their Sixth Science Run." *Classical and Quantum Gravity* 32. (2015): 115012. Print. * £ ≠

Journal Paper: Aasi, J, et al. "Searches for Continuous Gravitational Waves from Nine Young Supernova Remnants." *The Astrophysical Journal* 813. (2015): 39. Print. * £ ≠

Tamas Wiandt, Associate Professor

Journal Paper: Agyingi, Ephraim, Sophia Maggelakis, and Tamas Wiandt. "Thermal Deterction of a Prevascular Tumor Embedded in Breast Tissue." *Mathamatical Biosciences and Engineering* 12. 5 (2015): 907-915. Print. *

Invited Keynote/Presentation: Wiandt, Tamas. "Are all Inequalities Created Equal?" MAA Seaway meeting. St. Lawrence University. Canton, NY. 7 Nov. 2015. Conference Presentation.

Yosef Zlochower, Associate Professor

Journal Paper: Zilhao, Miguel, et al. "Resolving the Relative Influence of Strong Field Spacetime Dynamics and MHD on Circumbinary Disk Physics." *Phys.Rev. D* 91. (2015): 24034. Print. £

Journal Paper: Nakano, Hiroyuki, et al. "Perturbative extraction of gravitational waveforms generated with Numerical Relativity." *Phys. Rev D* 91. (2015): 104022. Print. * £ ≠

Journal Paper: Zlochower, Yosef and Carlos Lousto. "Modeling the remnant mass, spin, and recoil from unequal-mass, precessing black-hole binaries: The Intermediate Mass Ratio Regime." *Phys. Rev. D* 92. (2015): 24022. Print. * £ ≠

Journal Paper: Zlochower, Yosef, et al. "Inspiral-ing Black-Hole Binary Spacetimes: Transitioning from Analytical to Numerical Techniques." *Phys. Rev. D.* (2016): under review. Print. * £ ≠

Journal Paper: Ruchlin, Ian, et al. "New Puncture Initial Data for Black-Hole Binaries: High Spins and High Boosts." *Phys. Rev. D.* (2016): under review. Print. * £ ≠

Invited Keynote/Presentation: Zlochower, Yosef. "Accurate Models for Astrophysical BH Recoils." APS April Meeting. APS. Baltimore, MD. 14 Apr. 2015. Conference Presentation. * £

Invited Keynote/Presentation: Zlochower, Yosef. "Inspiral-ing Black-Hole Binary Spacetimes: Transitioning from Analytical to Numerical Techniques." Eastern Gravity Meeting. RIT. Rochester, NY. 28 May 2015. Conference Presentation. £

SCHOOL OF PHYSICS AND ASTRONOMY

Mishkatul Bhattacharya, Assistant Professor

Journal Paper: Marin, S. and M. Bhattacharya. "Stereochemical properties of the OH molecule in combined electric and magnetic fields: analytic results." *European Physical Journal D* 69. (2015): 247. Print. *

Invited Keynote/Presentation: Rodenburg, B. and M. Bhattacharya. "A Quantum Model of Cavityless Trapped Nanoparticles: Ground State Cooling and Ultrasensitive Force Sensing." *Levitated Optomechanics.* Optical Society of America. Washington, DC. 4 Dec. 2015. Conference Presentation.

Journal Paper: Bhattacharya, M. "Rotational cavity optomechanics." *Journal of the Optical Society of America B* 32. 5 (2015): 55. Print. *

Journal Paper: Bhattacharya, M. "Spin squeezing a cold molecule." *Physical Review A* 92. (2015): 63823. Print. *

Journal Paper: Muniz, S. R., V. S. Bagnato, and M. Bhattacharya. "Analysis of off-axis solenoid fields using the magnetic scalar potential: An application to a Zeeman-slower for cold atoms." *American Journal of Physics* 83. 6 (2015): 513-517. Print. *

Scott Franklin, Professor

Full Length Book: (ed), Scott Franklin and Mark Shattuck. *Handbook of Granular Materials.* Ft. Lauderdale, FL: CRC Press, 2016. Print.

Dehui Hu, Lecturer

Journal Paper: Hu, Dehui, et al. "Model-based reasoning in the physics laboratory: Framework and initial results." *PHYSICAL REVIEW PHYSICS EDUCATION RESEARCH* 11. 20113 (2015): 1-12. Web. *

Published Conference Proceedings: Hu, Dehui, et al. "Making Models of Measurement Tools: Examples from Think-Aloud Student Interviews." Proceedings of the the 2014 Physics Education Research Conference. Ed. Dyan L. Jones, Alice D. Churukian, and Lin Ding. college park, Maryland: n.p., Print. *

Published Conference Proceedings: Hu, Dehui and Benjamin M. Zwickl. "Framework for Students' Epistemological Development in Physics Experiments." Proceedings of the 2015 Physics Education Research Conference. Ed. Dyan L. Jones, Alice D. Churukian, and Lin Ding. college park, Maryland: n.p., Print. *

Seth Hubbard, Associate Professor

Journal Paper: Wells, N. P., et al. "Carrier Quenching in InGaP/GaAs Double Heterostructures." Journal of Applied Physics 118. (2015): 65703. Print. *

Journal Paper: Sellers, D. G., et al. "New Nanostructured Materials for Efficient Photon Up-conversion." Photovoltaics, IEEE Journal of 5. (2015): 224-228. Print. *

Journal Paper: Hyslop, J. S., et al. "Synthesis and Characterization of [Zn(acetate)₂(amine)_x] Compounds (x=1 or 2) and their use as Precursors to ZnO." Materials Science in Semiconductor Processing 38. (2015): 278-289. Print. *

Journal Paper: Kerestes, C., et al. "Fabrication and Analysis of Multijunction Solar Cells with a Quantum dot (In)GaAs Junction." Progress in Photovoltaics: Research and Applications 22. (2014): 1172-1179. Print. *

Journal Paper: Polly, S. J., et al. "Delta-Doping Effects on Quantum-Dot Solar Cell." Photovoltaics, IEEE Journal of 4. (2014): 1079-1085. Print. *

Published Conference Proceedings: Bailey, C. G., et al. "Investigation of InAlGaAs / InGaAs Quantum Well Solar Cells." Proceedings of the Photovoltaic Specialist Conference (PVSC), 2015 42nd IEEE. Ed. P. Sheldon. New Orleans, LA: IEEE, 2015. Web. £

Published Conference Proceedings: Dai, Y., et al. "Carrier Collection in Quantum Dots Solar Cells with Barrier Modification." Proceedings of the Photovoltaic Specialist Conference (PVSC), 2015 IEEE 42nd. Ed. P. Sheldon. New Orleans, LA: n.p., 2015. Web. £

Published Conference Proceedings: Hubbard, S. M., et al. "Intermediate Band Solar Cell Design using InAs quantum dots in AlAsSb Cladding." Proceedings of the Photovoltaic Specialist Conference (PVSC), 2015 IEEE 42nd, 2015. Ed. P. Sheldon. New Orleans, LA: n.p., 2015. Web. £

Published Conference Proceedings: McClure, E. L., et al. "Modeling of Effects of Using Polycrystalline Substrates for Low Cost III-V Photovoltaics." Proceedings of the Photovoltaic Specialist Conference (PVSC), 2015 IEEE 42nd, 2015. Ed. P. Sheldon. New Orleans, LA: n.p., 2015. Web. £

Published Conference Proceedings: Polly, S. J., et al. "Investigation of State-Filling and Carrier Collection of Doped InAs QDs through Direct Absorption Measurement." Proceedings of the Photovoltaic Specialist Conference (PVSC), 2015 IEEE 42nd, New Orleans, 2015. Ed. P. Sheldon. New Orleans, LA: n.p., 2015. Web. £

Published Conference Proceedings: Sato, S.-i., et al. "Defects in GaAs Solar Cells with InAs Quantum Dots Created by Proton Irradiation." Proceedings of the Photovoltaic Specialist Conference (PVSC), 2015 IEEE 42nd, 2015. Ed. P. Sheldon. New Orleans, LA: n.p., 2015. Web. £

Published Conference Proceedings: Schmieider, K. J., et al. "Analysis of GaAs Photovoltaic Device Losses at High MOCVD Growth Rates." Proceedings of the Photovoltaic Specialist Conference (PVSC), 2015 IEEE 42nd, 2015. Ed. P. Sheldon. New Orleans, LA: n.p., 2015. Web. £

Published Conference Proceedings: Smith, B. L., et al. "InAlAs Solar Cells Grown by Alternative MOVPE Precursors." Proceedings of the Photovoltaic Specialist Conference (PVSC), 2015 IEEE 42nd, 2015. Ed. P. Sheldon. New Orleans, LA: n.p., 2015. Web. £

Published Conference Proceedings: Slocum, M. A., D. V. Forbes, and S. M. Hubbard. "Modeling Nipi Solar Cells Under Concentration Accounting for State Filling Effects." Proceedings of the Proc. SPIE 9358, Physics, Simulation, and Photonic Engineering of Photovoltaic Devices IV, 2015, pp. 93580K-1 to 93580K-6. Ed. A. Freundlich and J. Guillemoles,. San Fransisco, CA: n.p., 2015. Web. £

Jeyhan S Kartaltepe

Journal Paper: Huertas-Company, M. , et al. "A Catalog of Visual-like Morphologies in the 5 CANDELS Fields Using Deep Learning." The Astrophysical Journal Supplement Series, 221. 1 (2015): 8. Web. *

Journal Paper: Silverman, J.D., et al. "A Higher Efficiency of Converting Gas to Stars Pushes Galaxies at $z \sim 1.6$ Well Above the Star-forming Main Sequence." The Astrophysical Journal Letters 812. 2 (2015): 23. Web. *

Journal Paper: Riguccini, L., et al. "The Composite Nature of Dust-Obscured Galaxies (DOGs) at $z \sim 2-3$ in the COSMOS field - I. A Far-infrared View." Monthly Notices of the Royal Astronomical Society 452. 1 (2015): 470-485. Web. *

Journal Paper: Silverman, J. D., et al. "The FMOS-COSMOS Survey of Star-forming Galaxies at $z \sim 1.6$. III. Survey Design, Performance, and Sample Characteristics." The Astrophysical Journal Supplement Series 220. 1 (2015): 12. Web. *

Invited Keynote/Presentation: Kartaltepe, Jeyhan. "AGN in Infrared Galaxies and the Evolving BPT Diagram." University of Massachusetts Astronomy Colloquium. University of Massachusetts. Amherst, MA. 22 Oct. 2015. Guest Lecture.

Journal Paper: Dale, Kocevski,, et al. "Are Compton-thick AGNs the Missing Link between Mergers and Black Hole Growth?" The Astrophysical Journal 814. 2 (2015): 104. Web. *

Journal Paper: Jeyhan, Kartaltepe,, et al. "CANDELS Visual Classifications: Scheme, Data Release, and First Results." The Astrophysical Journal Supplement Series 221. 1 (2015): 11. Web. *

M Kotlarchyk, Professor

Invited Keynote/Presentation: Kotlarchyk, Michael. "On Polarized Neutron Scattering from a Prototypical NMR Spin-Modulated System." International Workshop on The Structure and Dynamics of Supercooled Water and Other Glassy Materials. University of Palermo. Palermo, Italy. 12 Oct. 2015. Conference Presentation.

Aaron McGowan, Lecturer

Journal Paper: Eberly, B. and et al. "Charged Pion Production in $\nu\mu$ Interactions on Hydrocarbon at $E_\nu 4.0$ GeV." Phys.Rev. D 92. 9 (2015): 92008. Print. *

Journal Paper: Walton, T. and et al. "Measurement of Muon Plus Proton Final States in $\nu\mu$ Interactions on Hydrocarbon at $E_\nu = 4.2$ GeV." Phys.Rev. D 91. 7 (2015): 71301. Print. *

Journal Paper: Aliaga, L. and et al. "MINERvA Neutrino Detector Response Measured with Test Beam Data." Nucl.Instrum.Meth. A 789. (2015): 28-42. Print. *

David Merritt, Professor

Invited Keynote/Presentation: Merritt, David. "Gravitational Encounters in the Relativistic Regime." Black Holes in Dense Star Clusters. Aspen Center for Physics. Aspen, CO. 21 Jan. 2015. Conference Presentation.

Journal Paper: Merritt, David. "Gravitational Encounters and the Evolution of Galactic Nuclei. I. Method." The Astrophysical Journal 804. 1 (2015): 52-74. Print. £ ≠

Journal Paper: Merritt, David. "Gravitational Encounters and the Evolution of Galactic Nuclei. II. Classical and Resonant Relaxation." The Astrophysical Journal 804. 2 (2015): 128-148. Print. £

Book Chapter: Merritt, David. "Orbital Motion in Galactic Nuclei." *Astrophysical Black Holes*. Ed. F. Haardt, et al. Berlin, Germany: Springer, 2016. 145-203. Print. £ ≠

Invited Keynote/Presentation: Merritt, David. "The final-parsec problem." *CIERA Astrophysics Colloquium Series*. Department of Physics and Astronomy, Northwestern University. Evanston, IL. 8 May 2015. Guest Lecture.

Journal Paper: Merritt, David. "Gravitational Encounters and the Evolution of Galactic Nuclei. III. Anomalous Relaxation." *The Astrophysical Journal* 810. 1 (2015): 2-22. Print. £ ≠

Journal Paper: Merritt, David. "Gravitational Encounters and the Evolution of Galactic Nuclei. IV. Captures Mediated by Gravitational-Wave Energy Loss." *The Astrophysical Journal* 814. 1 (2015): 57-70. Print. £ ≠

Journal Paper: Pawlowski, Marcel S., et al. "On the Persistence of Two Small-scale Problems in Λ CDM." *The Astrophysical Journal* 815. 1 (2015): 19-32. Print. £ ≠

Journal Paper: Vasiliev, Eugene, Fabio Antonini, and David Merritt. "The Final-parsec Problem in the Collisionless Limit." *The Astrophysical Journal* 810. 1 (2015): 48-67. Print. £ ≠

Published Conference Proceedings: Merritt, David and Eugene Vasiliev. "Joint Evolution of Spinning Supermassive Black Holes and Rotating Nuclei." *Proceedings of the The Thirteenth Marcel Grossmann Meeting: On Recent Developments in Theoretical and Experimental General Relativity, Astrophysics and Relativistic Field Theories*. Ed. Kjell Rosquist, Robert T Jantzen, and Remo Ruffini. New York, NY: World Scientific, 2015. Print. £ ≠

Published Conference Proceedings: Sabha, Nadeen, et al. "Nature of the Diffuse Near-Infrared Emission in the Innermost Arcsecond of the Galactic Center." *Proceedings of the The Thirteenth Marcel Grossmann Meeting: On Recent Developments in Theoretical and Experimental General Relativity, Astrophysics and Relativistic Field Theories*. Ed. Kjell Rosquist, Robert T Jantzen, and Remo Ruffini. New York, NY: World Scientific, 2015. Print. £ ≠

Invited Keynote/Presentation: Merritt, David. "How Things Get Into (Supermassive) Black Holes." *Astrophysics Colloquium*. American Museum of Natural History. New York, NY. 15 Nov. 2015. Guest Lecture.

Invited Keynote/Presentation: Merritt, David. "How Things Get Into (Supermassive) Black Holes." *Columbia University Astrophysics Colloquium*. Columbia University. New York, NY. 30 Sep. 2015. Guest Lecture.

Invited Keynote/Presentation: Merritt, David. "How Things Get Into (Supermassive) Black Holes." *Case Western Reserve University Astronomy Colloquium Series*. Case Western Reserve University. Cleveland, OH. 9 Sep. 2015. Guest Lecture.

Invited Keynote/Presentation: Merritt, David. "Gravitational Encounters and the Evolution of Galactic Nuclei." *Northwestern University Physics and Astronomy Colloquium Series*. Northwestern University. Evanston, IL. 8 May 2015. Guest Lecture.

Christopher ODea, Research Professor

Journal Paper: Dinalva, Sales,, et al. "An Embedded Active Nucleus in the OH Megamaser Galaxy IRAS16399-0937." *Astrophysical Journal*. (2015): 25053. Web. *

Journal Paper: E., Stanley,, et al. "A Multiwavelength Study of Three Hybrid Blazars." *Astrophysical Journal*. (2015): 48-59. Web. *

Journal Paper: G., Tremblay,, Christopher O'Dea, and Stefi Baum. "Far-ultraviolet morphology of star-forming filaments in cool core brightest cluster galaxies." *Monthly Notices of the Royal Astronomical Society*. (2015): 3768-3800. Web. *

Journal Paper: F, Massaro,, et al. "The Chandra Survey of Extragalactic Sources in the 3CR Catalog: X-ray Emission from Nuclei, Jets, and Hotspots in the Chandra Archival Observations." *Astrophysical Journal Supplements*. (2015): 5-19. Web. *

Journal Paper: B, Punsly,, et al. "The Extreme Ultraviolet Deficit: Jet Connection in the Quasar 1442+101." *Astrophysical Journal*. (2015): 79-88. Web. *

Journal Paper: J., White,, Christopher O'Dea, and et al. "Dynamical analysis of galaxy cluster merger Abell 2146." *Monthly Notices of the Royal Astronomical Society*. (2015): 2718-2730. Web. *

Michael Pierce, Assistant Professor

Journal Paper: Jr., Robert Karl, et al. "Charge-induced equilibrium dynamics and structure at the Ag(001)-electrolyte interface." *Physical Chemistry Chemical Physics* 17. (2015): 16682-16687. Print. * £

Journal Paper: Zhu, Chenhui, et al. "Ptychographic x-ray imaging of surfaces on crystal truncation rod." *Applied Physics Letters* 106. (2015): 101604. Print. * £

Michael Richmond, Professor

Journal Paper: Scott, Jennifer E. and et al. "Wide Field Multiband Imaging of Low Redshift Quasar Environments." *Astrophysical Journal* 800. (2015): 93-112. Print. *

Journal Paper: Vazquez, Billy and et al. "Spitzer Space Telescope Measurements of Dust Reverberation Lags in the Seyfert 1 Galaxy NGC 6418." *Astrophysical Journal* 801. (2015): 127-137. Print. *

Journal Paper: Kato, Taichi and et al. "Survey of period variations of superhumps in SU UMa-type dwarf novae. VII. The seventh year (2014-2015)." *Publications of the Astronomical Society of Japan* 67. (2016): 105-221. Print. *

Andrew Robinson, Professor

Journal Paper: Sales, Dinalva A., Andrew Robinson, and and 8 co-authors. "An Embedded Active Nucleus in the OH Megamaser Galaxy IRAS16399-0937." *The Astrophysical Journal* 799. 1 (2015): 25 - 52. Print. £

Journal Paper: Vazquez, Billy, et al. "Spitzer Space Telescope Measurements of Dust Reverberation Lags in the Seyfert 1 Galaxy NGC 6418." *The Astrophysical Journal* 801. 2 (2015): 127 - 137. Print. £

Journal Paper: Lena, Davide, Andrew Robinson, and and 7 co-authors. "The Complex Gas Kinematics in the Nucleus of the Seyfert 2 Galaxy NGC 1386: Rotation, Outflows, and Inflows." *The Astrophysical Journal* 806. 1 (2015): 84 - 105. Print. £

Joel D Shore, Lecturer

Journal Paper: Shore, Joel D. and George M. Thurston. "Charge-regulation phase transition on surface lattices of titratable sites adjacent to electrolyte solutions: An analog of the Ising antiferromagnet in a magnetic field." *Physical Review E* 92. 6 (2015): 62123. Print. * £

Robert B Teese, Professor

Journal Paper: Laws, Priscilla W., et al. "Using Research-Based Interactive Video Vignettes to Enhance Out-of-Class Learning in Introductory Physics." *The Physics Teacher* 53. 2 (2015): 114-117. Print. *

Invited Keynote/Presentation: Teese, Robert B., Priscilla W. Laws, and Kathleen M. Koenig. "Interactive Video Vignettes: Research-Based Online Activities." 2015 Winter Meeting of the American Association of Physics Teachers. American Association of Physics Teachers. San Diego, CA. 4 Jan. 2015. Conference Presentation. Δ

Journal Paper: Teese, Robert, et al. "Using Research-Based Interactive Video Vignettes to Enhance Out-of-Class Learning in Introductory Physics." *The Physics Teacher* 53. February (2015): 114-117. Print. ~

Benjamin M Zwickl, Assistant Professor

Published Conference Proceedings: Zwickl, Benjamin M, et al. "Preparing Students for Physics-intensive Careers in Optics and Photonics." *Proceedings of the Physics Education Research Conference*, College Park, MD, July 29-30, 2015. Ed. Alice D. Churukian, Dyan L. Jones, and Lin Ding. College Park, MD: n.p., 2015. Web. *

Published Conference Proceedings: Hu, Dehui and Benjamin M Zwickl. "Framework for Students' Epistemological Development in Physics Experiments." *Proceedings of the Physics Education Research Conference*, College Park, MD, July 29-30, 2015. Ed. Alice D. Churukian, Dyan L. Jones, and Lin Ding. College Park, MD: n.p., Web. *

Journal Paper: Zwickl, Benjamin M, et al. "Model-based Reasoning in the Physics Laboratory: Framework and Initial Results." *Physical Review Special Topics Physics Education Research* 11. (2015): 201113. Web. *

Invited Keynote/Presentation: Zwickl, Benjamin M. "Preparing Students for Research Excellence in Optics and Photonics." *Division of Atomic, Molecular and Optical Physics (DAMOP)*. American Physical Society. Columbus, OH. 11 Jun. 2015. Conference Presentation.

THOMAS H. GOSNELL SCHOOL OF LIFE SCIENCES

Sandra J Connelly, Assistant Professor

Invited Keynote/Presentation: Connelly, Sandi and Jeff Mills. "Non-tasters vs. Super-tasters The Chemistry and Biology of Your Favorite Foods!" *Faculty Showcase*. Rochester Institute of Technology. Rochester, NY. 14 Jan. 2015. Lecture.

Invited Keynote/Presentation: Connelly, Sandra J and Jeffrey L Mills. "Non-tasters vs. Super-tasters: The Chemistry and Biology of Your Favorite Foods!" *Science Exploration Day*. Central Western Section of the Science Teachers Association of NYS. Rochester, NY. 15 May 2015. Lecture.

Journal Paper: Connelly, Sandra J, et al. "UV-Stressed *Daphnia pulex* Increase Fitness through Uptake of Vitamin D3." *Plos One*. (2015): 0-0. Web. *

Journal Paper: Connelly, Sandra J. "Transpiration & Chemical Vapors." *National Center for Case Study Teaching in Science*. (2016): 0-0. Web. «

National/International Competition Award Winner: Connelly, Sandra J. *Online Learning Consortium. Effective Practice Award*. Dallas, TX, 2015. ~

Mary-Anne Courtney

Journal Paper: Courtney, Mary Anne and J. L. Baker, J. Branches, R.C. Faustoferri, C.L. Hubbard, J. Lemos, M.A. Courtney, R. Quivey, Jr. "Transcriptional profile of glucose-shocked and acid-adapted strains of *Streptococcus mutans*." *Molecular Oral Microbiology* 30. 6 (2015): 496-517. Print. *

Feng Cui, Assistant Professor

Journal Paper: LoVerso, Peter R and Feng Cui. "A Computational Pipeline for Cross-Species Analysis of RNA-seq Data Using R and Bioconductor." *Bioinformatics and Biology Insights* 9. (2015): 165-174. Print. *

Journal Paper: LoVerso, Peter R, Christopher M Wachter, and Feng Cui. "Cross-species Transcriptional Comparison of In Vitro and In Vivo Mammalian Neural Cells." *Bioinformatics and Biology Insights* 9. (2015): 153-164. Print. *

Journal Paper: Norouzi, Davood, et al. "Topological diversity of chromatin fibers: Interplay between nucleosome repeat length, DNA linking number and the level of transcription." *AIMS Biophysics* 2. 4 (2015): 613-629. Print.

Karl Korfmacher, Associate Professor

Published Conference Proceedings: Korfmacher, Karl, Scott Hawker, and James Winebrake. "Analysis of Environmental and Infrastructure Impacts of Transportation Activities Associated with High Volume Hydraulic Fracturing Operations in the Marcellus Shale Formation." Proceedings of the Transportation Research Board Annual Meeting, January 13, 2015, Washington DC. Ed. National Academy of Sciences. Washington, DC: National Academy of Sciences, Web. *

Carmody K McCalley

Journal Paper: Hodgekins, Suzanne B., et al. "Soil Incubations Reproduce Field Methane Dynamics in a Subarctic Wetland." *Biogeochemistry* 126. (2015): 241-249. Print. *

Dina Newman, Assistant Professor

Invited Keynote/Presentation: Newman, Dina L. and Ricki Lewis. "Teaching Foundational Concepts in Genetics Through Primary Literature." Undergraduate Faculty Genetics Education Workshop. American Society of Human Genetics. Baltimore, MD. 6 Oct. 2015. Lecture. Δ

Invited Keynote/Presentation: Cardenas, Jordan, et al. "Arrows, Arrows, Everywhere in Biology Drawings." Fall Paper Session. Rochester Academy of Science. Canandaigua, NY. 7 Nov. 2015. Conference Presentation. *

Invited Keynote/Presentation: Jasmi, Jasrina Mohd, et al. "Evidence of Student Learning with Interactive Video Vignettes in Biology." Fall Paper Session. Rochester Academy of Science. Canandaigua, NY. 7 Nov. 2015. Conference Presentation. *

Invited Keynote/Presentation: Fisk, J. Nick, et al. "Analysis of Results from the Central Dogma Concept Inventory." Fall Paper Session. Rochester Academy of Science. Canandaigua, NY. 7 Nov. 2015. Conference Presentation. *

Invited Keynote/Presentation: Newman, Dina L., et al. "Teaching Meiosis Brings Together Concepts from Four Different Areas." 65th Annual Meeting. American Society of Human Genetics. Baltimore, NY. 9 Oct. 2015. Conference Presentation. *

Michael Savka, Professor

Journal Paper: MA., Gan HM, Gan HY, Ahmad NH, Aziz NA, Hudson AO, Savka. "Whole Genome Sequencing and Analysis Reveal Insights into the Genetic Structure, Diversity and Evolutionary Relatedness of LuxI and luxR Homologs in Bacteria Belonging to the Sphingomonadaceae Family." *Front Cell Infect Microbiol.* Jan 8. 4:188 (2015): 1-14. Web. * Δ

Gary R Skuse, Professor

Full Length Book: (eds), Skuse, G.R. and Ferran, M.C. *Methods in Molecular Biology: Cardiomyocyte Science.* volume 1299 ed. New York, NY: Humana Press, 2015. Print.

Journal Paper: Skuse, Gary R. and Anne M. Burger. "Justice as Fairness: Forensic Implications of DNA and Privacy." *The Champion.* (2015): 24-35. Print. *

Susan Smith, Assistant Professor

Journal Paper: Seewagen, Chad, Michale Glennon, and Susan B. Smith. "Does Exurban Housing Development Affect the Physiological Condition of Forest-Breeding Songbirds? A Case Study of Ovenbirds (*Seiurus Aurocapillus*) In the Largest Protected Area in the Contiguous United States." *Physiological and Biochemical Zoology.* July/August (2015): 1-. 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: Smith, Susan B., et al. "Local site variation in stopover physiology of migrating songbirds near the south shore of Lake Ontario is linked to fruit availability and quality." *Conservation Physiology* 3. 1 (2015): cov36. Web. *

Journal Paper: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith. "Undergraduate research involving deaf and hard-of-hearing students in interdisciplinary science projects." *Education Sciences* 5. 2 (2015): 146-165. Web. *

Journal Paper: Smith, Susan B., Annemarie D. Ross, and Todd Pagano. "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. 1 (2016): 24-31. 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*. (2016): ntv120. Web. *

Journal Editor: Pagano, Susan Smith, ed. *Condor: Ornithological Applications*. Petaluma, CA: Central Ornithology Publication Office, 2015. Print. *

Journal Editor: Smith, Susan B., ed. *Northeastern Naturalist*. Steuben, ME: Eagle Hill Institute, 2015. Print. «

Invited Keynote/Presentation: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith. "Ensuring a Safe and Successful Research Laboratory for Deaf and Hard-of-hearing Undergraduate Students." *International Chemical Congress of Pacific Basin Societies*. American Chemical Society. Honolulu, HI. 15 Dec. 2015. Conference Presentation.

Invited Keynote/Presentation: Carrington, Calvin and Susan B. Smith. "Effects of Fruit Nutrition and Biochemistry on the Physiological Condition of Wild Birds." 250th American Chemical Society National Meeting. American Chemical Society. Boston, MA. 17 Aug. 2015. Conference Presentation.

Invited Keynote/Presentation: Smith, Susan B., et al. "The Importance of Fruit Resources for Migrating Birds during Lakeshore and Urban Stopovers: A Case Study in Western New York State." Joint Meeting of Association of Field Ornithologists/Canadian Society of Ornithologists/Wilson Ornithological Society. Acadia University. Wolfville, Nova Scotia, Canada, Nova Scotia, Canada. 17 Jul. 2015. Conference Presentation.

Invited Keynote/Presentation: Pagano, Todd, et al. "A New Method for the Nutritional Characterization of Wild Fruits for Migratory Birds." Joint Meeting of Association of Field Ornithologists/Canadian Society of Ornithologists/Wilson Ornithological Society. Acadia University. Wolfville, Nova Scotia, Canada. 17 Jul. 2015. Conference Presentation.

Invited Keynote/Presentation: Smith, Susan B., Charmaine R. Merchant, and Allyson C. Miler. "Physiological Condition of Migrating Birds near Lake Ontario and the Importance of Fruit Resources." 15th Northeast Natural History Conference. Society of Northeastern Biologists. Springfield, MA. 19 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Seewagen, Chad, Michale Glennon, and Susan B. Smith. "Exurban Development Does Not Impact the Physiological Condition of Ovenbirds in the Adirondack Park." 15th Northeast Natural History Conference. Society of Northeastern Biologists. Springfield, MA. 19 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Oberkircher, Meghan, Calvin Carrington, and Susan B. Smith. "Seasonal Variation in Energetic Condition and Chronic Stress in Three Species of Neotropical Migratory Songbirds." 15th Northeast Natural History Conference. Society of Northeastern Biologists. Springfield, MA. 19 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Saless, Rachel E., et al. "Biochemical Analysis of Bush Honeysuckle (*Lonicera* spp.) Red and Orange Color Morphs." 15th Northeast Natural History Conference. Society of Northeastern Biologists. Springfield, MA. 19 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Carrington, Calvin and Susan B. Smith. "Effects of Native and Non-native Fruits on Plasma Metabolites in a Captive Migratory Songbird." 15th Northeast Natural History Conference. Society of Northeastern Biologists. Springfield, MA. 19 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Sood, Harshita, Morgan Bida, and Susan B. Smith. "Investigating Annual Variation in Fruit Quality Using Multidimensional Fluorescence Spectroscopy." 15th Northeast Natural History Conference. Society of Northeastern Biologists. Springfield, MA. 19 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Smith, Susan B., et al. "New Spectroscopic Method for Characterizing the Nutritional Quality of Fruit Resources Available to Wildlife in a Western New York Habitat." 249th American Chemical Society National Meeting. American Chemical Society. Denver, CO. 26 Mar. 2015. Conference Presentation.

Invited Keynote/Presentation: Wink, Gloria, et al. "Measuring the Emission Efficiency and Nicotine Delivery of Electronic Cigarette." 249th American Chemical Society National Meeting. American Chemical Society. Denver, CO. 26 Mar. 2015. Conference Presentation.

Invited Keynote/Presentation: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith. "Research and Cooperative work Experiences for Deaf and hard-of-hearing Undergraduate Students in the Sciences." 249th American Chemical Society National Meeting. American Chemical Society. Denver, CO. 25 Mar. 2015. Conference Presentation.

Invited Keynote/Presentation: Ross, Annemarie D., Susan B. Smith, and Todd Pagano. "Outreach and Educational Programs for Deaf and Hard-of-hearing Students in the Sciences." 249th American Chemical Society National Meeting. American Chemical Society. Denver, CO. 25 Mar. 2015. Conference Presentation.

Julie A Thomas

Invited Keynote/Presentation: Thomas, Julie A. and Coll, A., Bosch, M., Adams, L., Benitez, D., Aguilera, E., Coulibaly, A., Cheng, N., Wu, W., Steven, A.C., Weintraub, S.T., Hardies, S.C. and Black, L.W. "Exploiting Mutational Surrogacy to Study Head Morphogenesis of Giant PhiKZ-related Phages." Evergreen International Phage Meeting. Evergreen State College. Olympia, Washington. 6 Aug. 2015. Conference Presentation.

Journal Paper: He, Xinyi and Victoria Hull, Julie A. Thomas, Xiaoqing Fu, Sonal Gidwani, Yogesh K. Gupta, Lindsay W. Black and Shuang-yong Xua. "Expression and purification of a single-chain Type IV restriction enzyme Eco94GmrSD and determination of its substrate preference." Scientific Reports 5. (2015): 9747. Print. *

Journal Paper: Hardies, Stephen C. and Julie A. Thomas, Lindsay Black, Susan T. Weintraub, Chung Y. Hwang, Byung C. Cho. "Identification of structural and morphogenesis genes of Pseudalteromonas phage ϕ RIO-1 and placement within the evolutionary history of Podoviridae." Virology 489. (2015): 116-127. Print. *

Anna Tyler, Associate Professor

Journal Paper: R, Morgan R Bida, Anna Christina Tyler, and Todd E Pagano. "The Influence of Watershed Land Use on the Composition of Dissolved Organic Matter Entering Conesus Lake, NY." Journal of Great Lakes Research 41. (2015): 730-742. Print. *

Journal Paper: Reynolds, Laura K, et al. "Grazers control nitrogen fixation by eelgrass epiphytes in a temperate coastal bay." Marine Ecology Progress Series 526. (2015): 11-19. Print. *

Invited Keynote/Presentation: Tyler, Anna Christina, et al. "Evaluating the potential impacts of bioturbation on ecosystem recovery in freshwater and marine estuaries." Coastal and Estuarine Research Federation Biennial Meeting. Coastal and Estuarine Research Federation. Portland, OR. 10 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Williams, Taylor E., Anna Christina Tyler, and Kimberly A. Lodge. "Does organic carbon amendment alter plant community composition in created wetlands?" Rochester Academy of Sciences. Rochester Academy of Sciences. Canandaigua, NY. 7 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Lodge, Kimberly A and Anna Christina Tyler. "Community interactions and nutrient cycling in created emergent freshwater wetlands." Rochester Academy of Sciences. Rochester Academy of Sciences. Canandaigua, NY - New York. 7 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Moranz, Kaitlyn E. and Anna Christina Tyler. "Can Native Shrubs Limit Invasion of Restored Wetlands by Opportunistic Invaders?" Rochester Academy of Sciences. Rochester Academy of Sciences. Canandaigua, NY - New York. 7 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Border, Charles, et al. "Ecological Impacts of Carbon Fullerenes." Rochester Academy of Sciences. Rochester Academy of Sciences. Canandaigua, NY - New York. 7 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Tyler, Anna Christina, et al. "Improving control of invasive plants in created wetlands using organic matter addition." Society of Wetland Scientists Annual Meeting. Society of Wetland Scientists. Providence, RI. 2 Jun. 2015. Conference Presentation.

Invited Keynote/Presentation: Tyler, Anna Christina. "High Acres Nature Area: a model for successful conservation through academic-corporate-volunteer partnerships." New York State Wetlands Forum Annual Meeting. New York State Wetlands Forum. Syracuse, NY. 14 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Kuntz, Kerry and Anna Christina Tyler. "Detention ponds as ecosystems in developed landscapes: biodiversity and the effect of bioturbating invertebrates on the biogeochemistry of man-made ponds." New York State Wetlands Forum Annual Meeting. New York State Wetlands Forum. Syracuse, NY. 14 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Harrison, Melissa Maurer, et al. "Variability in the phenolic content of invasive and non-invasive emergent wetland plants." New York State Wetlands Forum Annual Meeting. New York State Wetlands Forum. Syracuse, NY - New York. 14 Apr. 2015. Conference Presentation.

Leslie Kate Wright, Assistant Professor

Journal Paper: Wright, Leslie Kate. "Building a Model of Tumorigenesis: A small group activity for a cancer biology/cell biology course." Course-Source 2. (2015): 1-6. Print. *

ACCOUNTING

Qian Song, Assistant Professor

Journal Paper: Chan, Siew, et al. "The Effects of Mianzi and Professional Relationship Guanxi on Auditor Fraud Detection." *Journal of Forensic and Investigative Accounting* 7. 2 (2015): 224-261. Print. £

Journal Paper: Chan, Siew, Qian Song, and Lee Yao. "The Moderating Roles of Subjective (Perceived) and Objective Task Complexity in System use and Performance." *Computers in Human Behavior* 51. NA (2015): 393-402. Print. £

Rong Yang, Associate Professor

Journal Paper: Rong, Yang, and Baolei Qi. "Do Social Ties Between Individual Auditors and Client Executives Matter to Audit Quality?" *Asia Pacific Journal of Accounting and Economics*. (2015): NA. Print. £

Journal Paper: Rong, Yang, and Baolei Qi. "Do Social Ties between Individual Auditors and Client Executives Matter to Audit Quality?" *Asia Pacific Journal of Accounting and Economics* NA. (2015): NA. Print. £

DECISION SCIENCES

A Erhan Mergen, Professor

Published Conference Proceedings: Mergen, A. Erhan and Donald S. Holmes. "Capability Indices When There is a Steady Shift in the Process Average." *Proceedings of the The 2015 Northeast Decision Sciences Institute Meeting*. Ed. Joy Field. Cambridge, MA: n.p., 2015. Web. «

Book Chapter: Mergen, A. Erhan and Donald S. Holmes. "Process Management." *The SAGE Encyclopedia of Quality and the Service Economy*. Ed. Su Mi Dahlgaard-Park. Los Angeles, CA: Sage, 2015. 500-507. Print. *

Published Conference Proceedings: Mergen, A. Erhan and Murat P. Uysal. "Quality Oriented and Model Based Software Re-engineering Process." *Proceedings of the 9th Turkish National Software Engineering Symposium*. Ed. Tugkan Tuglular and Murat Komesli. Izmir, TURKEY: n.p., 2015. Web. *

ECONOMICS

Steven C Gold, Professor

Journal Paper: Steven, Gold,. "The Viability of Six Popular Technical Analysis Trading Rules in Determining Effective Buy and Sell Signals: MACD, AROON, RSI, SO, OBV, AND ADL." *Journal of Applied Financial Research*. (2015): NA. Print. £

FINANCE

Mejda B Bahlous-Boldi

Journal Paper: Bahlous, Mejda, Rosylin Mohd Yusof, and Hamza Turnsov. "Are Profit Sharing Rates of Mudharabah Account Linked to Interest Rates? An Investigation on Islamic Banks in GCC Countries." *Journal Ekonomi Malaysia* 49. 2 (2015): 77-86. Print. «

Chun-keung Hoi, Professor

Journal Paper: Iftekhar, Hasan,, et al. "Social Capital and Debt Contracting: Evidence from Bank Loans and Public Bonds." *Journal of Financial and Quantitative Analysis* NA. NA (2015): NA. Print. £

Journal Paper: Iftekhar, Hasan,, et al. "Social Capital and Debt Contracting: Evidence from Bank Loans and Public Bonds." *Journal of Financial and Quantitative Analysis* NA. NA (2015): NA. Print. £

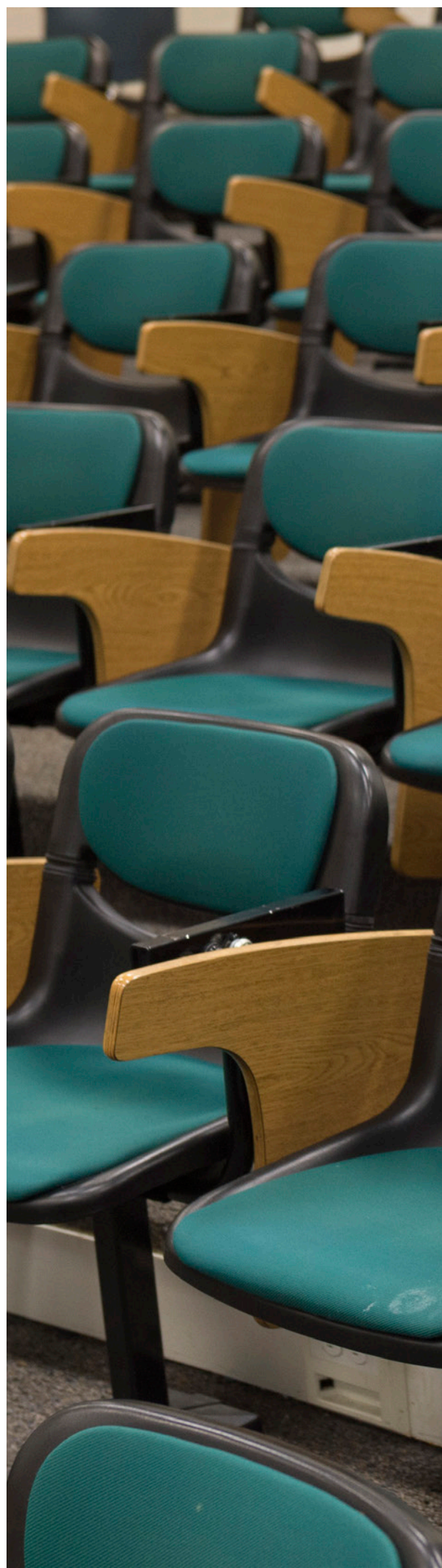
FEATURED FACULTY

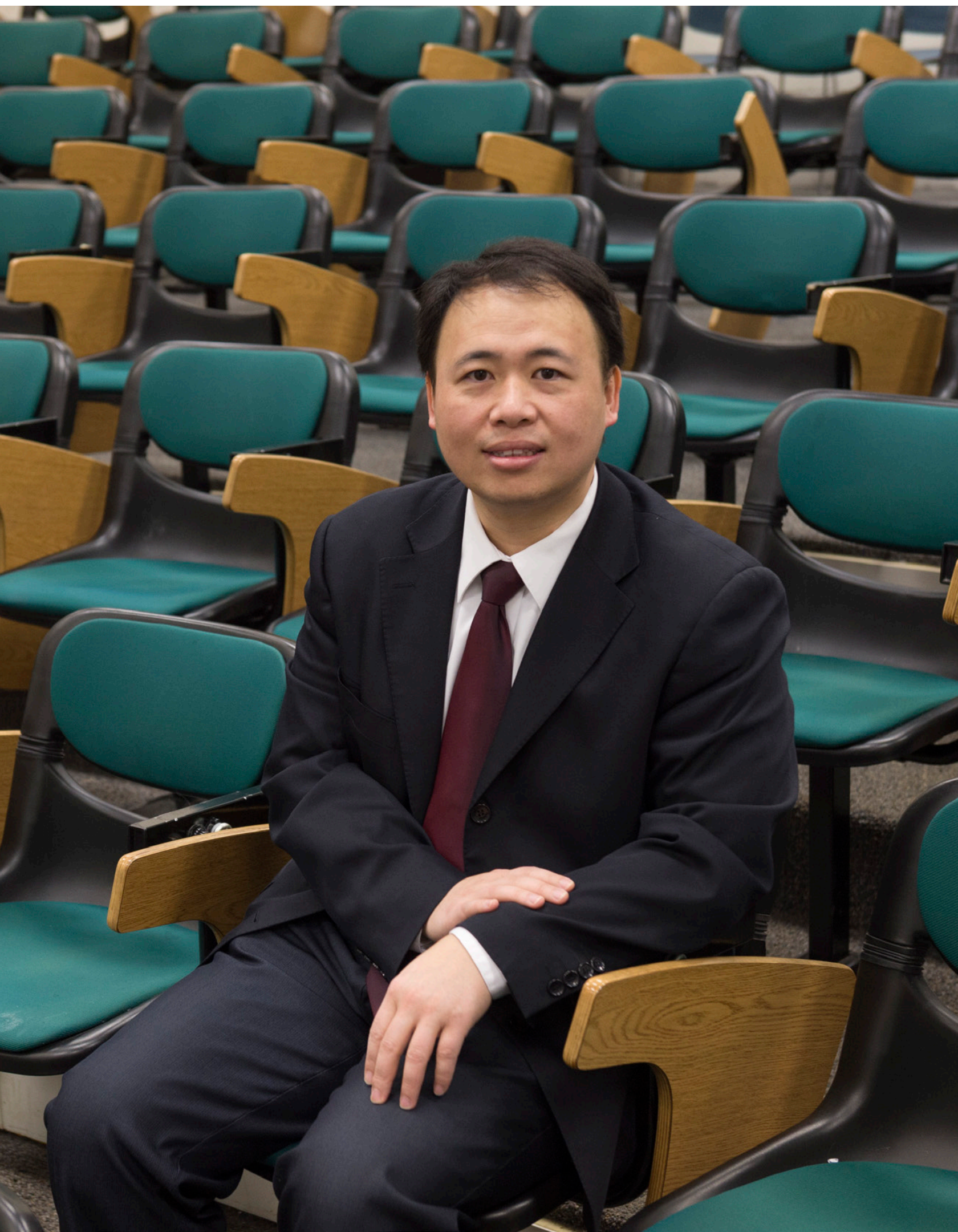
HAO ZHANG IS AN EMPIRICAL RESEARCHER WITH PUBLICATIONS IN FINANCE AND ACCOUNTING JOURNALS. HE HAS WORKED COLLABORATIVELY WITH SOME SCHOLARS AT RIT (E.G., DR. STAN HOI AND DR. ASHOK ROBIN) AND RESEARCHERS AT OTHER SCHOOLS. HIS ARTICLES HAVE BEEN ACCEPTED FOR PUBLICATION IN ACADEMIC JOURNALS SUCH AS JOURNAL OF FINANCIAL ECONOMICS, JOURNAL OF FINANCIAL AND QUANTITATIVE ANALYSIS, THE ACCOUNTING REVIEW, JOURNAL OF BANKING AND FINANCE, JOURNAL OF FINANCIAL MARKETS, AUDITING: A JOURNAL OF PRACTICE AND THEORY, JOURNAL OF BUSINESS FINANCE & ACCOUNTING, ETC.

Some of Dr. Hao Zhang's recent studies focus on corporate tax avoidance, which means that corporations take various actions to reduce tax payment. Dr. Hao Zhang, along with Saunders College of Business professor Dr. Stan Hoi and co-authors from RPI and Fordham University, published articles in Journal of Financial Economics (JFE) and The Accounting Review (TAR) about corporate tax avoidance. The TAR paper shows that firms with excessive irresponsible CSR activities have aggressive corporate tax avoidance, lending credence to the argument that corporate culture shapes tax avoidance behaviors. The JFE paper provides convincing evidence that debtholders, including banks and public bond investors, perceive corporate tax avoidance as risk-engendering activities and therefore charge higher interest cost when lending to firms that are aggressively avoiding taxes.

Dr. Hao Zhang is also interested in issues related to market microstructure and information intermediaries. The Journal of Financial Markets (JFM) paper, titled "A Simple Approximation of Intraday Spreads Using Daily Data" (with Dr. Kee Chung), provides a simple approximation of intraday bid-ask spread. Bid-ask spread is a widely-used measure of information asymmetry and market liquidity, therefore this study should be of interest to both academia and industry practitioners. This study and its proposed bid-ask spread measure have been cited and taught in a recent textbook that teaches financial modelling.

HAO ZHANG
ASSOCIATE PROFESSOR
DEPARTMENT OF FINANCE
SAUNDERS COLLEGE OF BUSINESS





Journal Paper: Yan, Chan,, Yan Yu, and Chun-Keung (Stan) Hoi. "Hidden In-game Intelligence of NBA Players' Tweets." Communications of the ACM NA. NA (2015): NA. Print. £

Archana Jain, Assistant Professor

Journal Paper: Archana, Jain, and Jain, Chinmay. "Fails-to-deliver Before and After the Implementation of Rule 203 and Rule 204." Financial Review 50. (2015): 611-636. Print. £

Ashok J Robin, Professor

Journal Paper: Davit, Adut,, Anthony Holder, and Ashok Robin. "Restructuring Charges and Take-over Likelihood: Evidence from the Pre- and Post-SFAS 146 Eras." Journal of Accounting and Public Policy NA. NA (2015): NA. Print. £

Journal Paper: Ashok, Robin, and Hao Zhang. "Do Industry-Specialist Auditors influence Stock Price Crash Risk?" Auditing: A Journal of Practice and Theory 34. 3 (2015): 47-79. Print. £

Journal Paper: Ashok, Robin, and Hao Zhang. "Do Industry-Specialist Auditors influence Stock Price Crash Risk?" Auditing: A Journal of Practice and Theory 34. 3 (2015): 47-79. Print. £

Journal Paper: Ashok, Robin, and Qiang Wu. "Firm Growth and the Pricing of Discretionary Accruals." Review of Quantitative Finance and Accounting 45. 3 (2015): 561-590. Print. £

Journal Paper: Robin, Ashok and Qiang Wu. "Firm Growth and the Pricing of Discretionary Accruals." Review of Quantitative Finance and Accounting 45. 3 (2015): 561-590. Print. £

Journal Paper: Karim, Khondkar, Ashok Robin, and SangHyun Suh. "Board Structure and Audit Committee Monitoring: Effects of Audit Committee Monitoring Incentives and Board Entrenchment on Audit Fees." Journal of Accounting, Auditing and Finance NA. NA (2015): NA. Print. £

Hao Zhang, Assistant Professor

Journal Paper: Robin, Ashok and Hao Zhang. "Do Industry-Specialist Auditors Influence Stock Price Crash Risk?" Auditing: A Journal of Practice and Theory 34. 3 (2015): 47-79. Print. £

Journal Paper: Chung, Kee, et al. "Information Asymmetry and Corporate Cash Holdings." Journal of Business Finance & Accounting 42. 9-10 (2015): 1341-1377. Print. £

Journal Paper: Hasan, Iftekar, et al. "Social Capital and Debt Contracting: Evidence from Bank Loans and Public Bonds." Journal of Financial and Quantitative Analysis NA. NA (2015): NA. Print. £

INTERNATIONAL BUSINESS

Zhi Tang, Associate Professor

Journal Paper: Tang, Zhi, Sandra Rothenberg, and Clyde Hull. "The Impact of Human Resource Management on Corporate Social Performance Strengths and Concerns." Business and Society. (2015) Print. £

Journal Paper: Tang, Zhi and Jintong Tang. "The Influence of Stakeholder-firm Power Difference on Corporate Social Responsibility of Chinese Small and Medium-sized Enterprises." World Review of Entrepreneurship, Management and Sustainable Development. (2015) Print. £

Published Conference Proceedings: Tang, Zhi, et al. "The Role of Social Embeddedness in Equity Financing for Chinese Entrepreneurs." Proceedings of the Academy of Management. Ed. N/A. Vancouver, Canada-British Columbia: n.p., 2015. Print. £

MANAGEMENT

Darline Augustine, Assistant Professor

Invited Paper: Augustine, Darline. "Gender, Sustainability and Performance in the Microfinance Industry." Africa Finance and Economics Association. (2015). Web. « Δ

Benjamin H Deitchman, Visiting Assistant Professor

Full Length Book: Deitchman, Benjamin. "State Clean Energy Policy Tools: A Political and Economic Analysis of Clean Energy Options". N/A, N/A: N/A, 2015. Print. £

Published Conference Proceedings: Deitchman, Benjamin. "State Energy Policy: Multiple Challenges, Multiple Dimensions, Multiple Opportunities". Proceedings of the American Society for Public Administration Young Scholars Workshop. Ed. N/A. Mexico City, Mexico: n.p., 2015. Print. £

Invited Article/Publication: Deitchman, Benjamin. "City of Atlanta Policy Induced Jobs from Clean Energy Programs Study." N/A. (2015). Print. Δ

Richard DeMartino, Associate Professor

Journal Paper: DeMartino, Richard, et al. "Looking Inside the Black Box of Growth in Declining Small Firms: The Role of Growth Factors, Planning, and Implementation". Advances in Entrepreneurship, Firm Emergence and Growth. (2015): xx-xx. Print. £

Published Conference Proceedings: DeMartino, Richard, et al. "Deaf Workers: Educated and Employed, but Limited in Career Growth". Proceedings of the International Congress on the Education of the Deaf. Ed. N/A. Athens, Greece: n.p., 2015. Print. £

Shal Khazanchi, Associate Professor

Book Chapter: Khazanchi, Shalini and K. Byron. "Rewards' Relationship to Creativity, Innovation, and Entrepreneurship." Oxford Handbook of Creativity, Innovation, and Entrepreneurship. New York, NY: Oxford University Press, 2015. Print.

Journal Paper: Khazanchi, Shalini and Mathew L. Sheep, Gail Fairhurst. "Knots in the Discourse of Innovation: Investigating Multiple Tensions in a Reacquired Spin-off". Organization Studies. (2015): xx-xx. Print. £

Joy Olabisi, Assistant Professor

Published Conference Proceedings: Olabisi, Joy, et al. "Calculated Compassion from the Base of the Pyramid: When the Indigenous Entrepreneurs Become Global Entrepreneurs". Proceedings of the Eastern Academy of Management. Ed. N/A. Lima, Peru: n.p., 2015. Print. £

Published Conference Proceedings: Olabisi, Joy, Norma Juma, and Zhi Tang. "Stakeholder Transformation Process: Through the Lenses of Entrepreneurial Alertness within an Indigenous Community". Proceedings of the International Vincentian Business Ethics Conference. Ed. N/A. New York, NY: n.p., 2015. Print. £

Published Conference Proceedings: Olabisi, Joy, et al. "How Virtual is Your Leader? An Approach to Optimizing Virtual Leadership Effectiveness". Proceedings of the Academy of Management Annual Meeting. Ed. N/A. Vancouver, Canada-British Columbia: n.p., 2015. Print. £

Michael Palanski, Associate Professor

Published Conference Proceedings: Palanski, Michael, et al. "Leader Identity Across Domains: Exploring Self-other Agreement at Work, at Home, and in Community Organizations". Proceedings of the European Association of Work and Organizational Psychology. Ed. N/A. Oslo, Norway: n.p., 2015. Print. £

William R Stromeyer

Published Conference Proceedings: Stromeyer, William and S. R. Livengood. "S-Curves Ahead: Examining Market Sensemaking Using Latent Growth Curve Modeling". Proceedings of the Strategic Management Society Conference. Ed. N/A. Denver, CO: n.p., 2015. Print. £

Published Conference Proceedings: Stromeyer, William, et al. "Knightian Uncertainty in Strategy & Entrepreneurship". Proceedings of the Academy of Management Annual Meeting. Ed. N/A. Vancouver, Canada-British Columbia: n.p., 2015. Print. £

MANAGEMENT INFORMATION SYSTEMS

Quang N Bui

Journal Paper: Bui, Quang (Neo). "Increasing the Relevance of Enterprise Architecture through." MIS Quarterly Executive 14. 4 (2015): 169-179. Print. £

Sean W Hansen, Assistant Professor

Journal Paper: McLaughlin, Mark-David J., et al. "Snowfall and a Stolen Laptop." Journal of Information Technology Teaching Cases 5. (2015): 102-112. Web. £

Manlu Liu, Assistant Professor

Journal Paper: Wang, Qiuzhen, et al. "How do Social-based Cues Influence Consumers' Online Purchase Decisions? An Event-related Potential Approach." Electronic Commerce Research. (2015): N/A. Print. £

Bryan A Reinicke

Journal Paper: Lee, Lorraine, et al. "Learning through Interactions: Improving Project Management Through Communities of Practice." Project Management Journal 46. 1 (2015): 40-52. Web. £

Journal Paper: Kleinberg, Howard, Bryan Reinicke, and Jeff Cummings. "Cyber Security Best Practices: What to do?" Journal of Information Systems Applied Research 8. 2 (2015): 52-59. Web. £

Yang Yu, Assistant Professor

Journal Paper: Zhang, Xianfeng, Yang Yu, and Zhangxi Lin. "Sentimental Interplay between Structured and Unstructured User-Generated Contents - A Case Study of Online Hotel Reviews." Online Information Review. (2015): N/A. Print. £

Journal Paper: Xu, Chenyan, Yang Yu, and Chun-Keung (Stan) Hoi. "Rolling 'Moneyball' with Sentiment Analysis - What do NBA Players' Tweets Tell?" Communications of the ACM. (2015): N/A. Print. £

Journal Paper: Yu, Yang and Xiao Wang. "World Cup 2014 in the Twitter World: A Big Data Analysis of Sentiments in U.S. Sports Fans' Tweets." Computers in Human Behavior. (2015): N/A. Print. £

Journal Paper: Duan, Wenjing, et al. "An Analysis of the Hotel Industry by Mining Online Customer Reviews." Cornell Hospitality Quarterly. (2015): N/A. Print. £

Journal Paper: Jing, Ranzhe, Yang Yu, and Zhangxi Lin. "Why Do Group-Buying Websites Fail? : Lessons from Chinese B2T Sites --A Two-stage Methodology." Journal of Organizational Computing and Electronic Commerce. (2015): N/A. Print. £

MARKETING

Vincent M Landers, Assistant Professor

Journal Paper: Jones, Michael A., et al. "Exploring Consumers' Attitude towards Relationship Marketing." Journal of Services Marketing 29. 3 (2015): 188-199. Print. £

Journal Paper: Landers, V. Myles, et al. "The Effect of Retailer-Brand Image Incongruity on the Flow Experience." Journal of Marketing Theory and Practice. (2015): N/A. Print. £

Joseph C Miller, Assistant Professor

Journal Paper: Park, Sung Hee, Chi-Ming Hsieh, and Joseph Miller. "Investigating Tourists' Casino Retention: Cross-cultural Comparison with Chinese and Westerners." International Journal of Tourism Sciences 15. 1-2 (2015): 30-43. Print. £

Journal Paper: DeMartino, Richard, et al. "Looking Inside the Black Box of Growth Efforts in Declining Small Firms: The Role of Growth Factors, Planning, and Implementation." Advances in Entrepreneurship, Firm Emergence and Growth. (2015): N/A. Print. £

Rajendran S Murthy, Assistant Professor

Journal Paper: Sashittal, Hemant C., Monica A. Hodis, and Rajendran Sriramachandramurthy. "Entifying Your Brand Among Twitter-using Millennials." *Business Horizons*. (2015): N/A. Web. £

Journal Paper: DeMartino, Richard, et al. "Looking Inside the Black Box of Growth Efforts in Declining Small Firms: The Role of Growth Factors, Planning and Implementation." *Advances in Entrepreneurship, Firm Emergence and Growth*. (2015): N/A. Print. £

Journal Paper: Sashittal, Hemant C., Monica A. Hodis, and Rajendran Sriramachandramurthy. "Case Version: Entifying your brand among Twitter-using millennials." *Harvard Business Review*. (2015): N/A. Web. £

ARCHITECTURE

Giovanna Potesta

Shows/Exhibits/Installations: Weber, Bruce.
"Bruce Weber, Secret Love". By Adolfo Natalini
and Giovanna Potesta'. Sep. 2006. Palazzo Spini
Feroni Ferragamo, Florence. Exhibit.

Shows/Exhibits/Installations: John, Elton.
"Elton John: Metamorphosis". By Adolfo Natalini
and Giovanna Potesta'. Sep. 2006. Uffizi Gallery,
Florence, Italy. Exhibit.

External Scholarly Fellowships/National Review Committee:

1/1/2000 - 5/30/2003
University of Florence & Immobiliare Novoli SpA
Amount: 60.000 ~

Full Length Book: Giovannini, Paolo and Giovan-
na Potesta'. San Donato a Novoli: da area indus-
triale a centralita' urbana. 1 ed. Florence, Italy:
Polistampa, 2004. Print. £

Invited Article/Publication: Potestà, Giovanna.
"I Viaggi del Signor N Architetto." Firenze Ar-
chitettura. (2004). Print. Δ

Published Conference Proceedings: Potesta,
Giovanna. "Making Successful Urban Places:
An A Posteriori Critique of the Area Ex- Fiat in
Florence." Proceedings of the Future of Places,
06/28-07/01, Stockholm. Ed. Sustasis Founda-
tion, Portland, OR. Portland, OR: Sustasis, Web. *

External Scholarly Fellowships/National Review Committee:

2/15/2016 - 3/15/2016
International Association of Traditional
Environment, Berkeley, CA
Amount: 0 «

External Scholarly Fellowships/National Review Committee:

11/11/2015 - 4/1/2016
Rochester Chapter New Urbanism
Amount: 0

External Scholarly Fellowships/National Review Committee:

1/23/2016 - 5/10/2016
Rochester Community Design Center
Amount: 0

External Scholarly Fellowships/National Review Committee:

1/20/2015 - 3/20/2015
University of Florence, Italy
Amount: 0

External Scholarly Fellowships/National Review Committee:

11/1/2014 - 11/1/2015
Kuwait University
Amount: 15.000 * ≠

Shows/Exhibits/Installations: Varous, . Pro-
getti Area ex FIAT Novoli. By Camillo Bodini and
Giovanna Potesta'. Apr. 2003. Urban Center,
Foundling Hospital, Piazza SS Annunziata, Flor-
ence, Italy. Exhibit.

Published Conference Proceedings: Potes-
ta, Giovanna. "The Traditional Urban Fabric
of Florence: a Comparison between different
Conservation Philosophies." Proceedings of the
Conference on Architectural Conservation. Ed.
Municipality of Dubai. Dubai, EAU, Arabian Emir-
ates: Municipality of Dubai, 2012. Print. *

MS IN SUSTAINABLE SYSTEMS

Eric Williams, Associate Professor

Journal Paper: Bawden, Kimberly and Eric Williams. "Hybrid Life Cycle Assessment of Low, Mid and High-Rise Multi-Family Dwellings." *Challenges* 6. (2015): 98-116. Web. *

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: Wang, X., G. Gaustad, and C.W. Babbitt. "Targeting High Value Metals in Lithium-ion Battery Recycling via Shredding and Size-based Separation." *Waste Management*. (2015): In press. Print. *

Journal Paper: Bawden, KR, ED Williams, and CW Babbitt. "Mapping Product Knowledge to Life Cycle Inventory Bounds: A Case Study of Steel Manufacturing." *Journal of Cleaner Production*. (2015): In press. Print. *

Journal Paper: Ryen, EG, CW Babbitt, and ED Williams. "Consumption-Weighted Life Cycle Assessment of a Consumer Electronic Product Community." *Environmental Science & Technology* 49. 4 (2015): 2549-2559. Print. *

Journal Paper: Richa, K, et al. "Environmental Trade-offs Across Cascading Lithium-ion Battery Life Cycles." *The International Journal of Life Cycle Assessment*. (2015): 1-16. Print. *

Journal Paper: Kasulaitis, BV, et al. "Evolving Materials, Attributes, and Functionality in Consumer Electronics: Case Study of Laptop Computers." *Resources, Conservation and Recycling* 100. (2015): 1-10. Print. *

Roger B Chen

Published Conference Proceedings: Chen, Roger B. and Hani S. Mahmassani. "A Queueing Framework and Analysis of Observed One-day Travel and Activity Patterns." *Proceedings of the Annual Meeting of the Transportation Research Board*. Ed. National Academy of Sciences (NAS). Washington, DC: n.p., 2015. Web. ~

Published Conference Proceedings: Chen, Roger B. and William Armington. "Household Activity and Travel Patterns with Autonomous Vehicles: In-vehicle Activity Decisions." *Proceedings of the 95th Annual Meeting of the Transportation Research Board*. Ed. National Academies. Washington, DC: National Academies: Transportation Research Board, Web. * £

Journal Paper: Sekar, Ashok, Eric Williams, and Roger B. Chen. "Heterogeneity in Time and Energy use of Watching Television." *Energy Policy*. (2016): 1-10. Print. * £

Gabrielle Gaustad, Assistant Professor

Journal Paper: Wang, Xue, Gabrielle Gaustad, and Callie Babbitt. "Targeting high value metals in lithium-ion battery recycling via shredding and size-based separation." *Waste Management*. (2015): NA. Print. *

Journal Paper: Richa, Kirti, et al. "Environmental trade-offs across cascading lithium-ion battery life cycles." *International Journal of Life-Cycle Assessment*. (2015): 1-16. Print. *

Journal Paper: Goe, Michele, Brian Tomaszewski, and Gabrielle Gaustad. "Tradeoffs in Siting Solar Photovoltaic Material Recovery Infrastructure." *Journal of Environmental Management* 160. (2015): 154-166. Print. *

Journal Paper: Krystofik, Mark, Jeff Wagner, and Gabrielle Gaustad. "Intellectual Property Rights and Green Product Design." *Resources, Conservation, and Recycling* 97. (2015): 44-54. Print. *

FEATURED FACULTY

GIOVANNA POTESÀ HOLDS A MASTER OF ARCHITECTURE AND A PHD IN ARCHITECTURE AND URBAN DESIGN. SHE HAS TAUGHT AT THE UNIVERSITY OF FLORENCE, CALIFORNIA STATE UNIVERSITY FLORENCE, KENT STATE UNIVERSITY FLORENCE AND KUWAIT UNIVERSITY.

Her major research area is represented by studies and personal involvement in Sustainable Urban Design. In 2000 she was granted a three year research contract from the University of Florence aimed at the study of contemporary urban centralities. In the same period she had been consulting for the development of the FIAT area in Novoli. The development, one of the major urban renewal projects in Italy, included University buildings, commercial, offices, residential and a park on a surface of 36 hectares. Giovanna Potesta' consulted for the developer for the duration of the project (10 years) and co-designed two of the buildings.

In 2003 she was commissioned by the Aeronautic School of Florence a research featuring the architecture and historical conditions of their headquarters, a representative example of Italian Modernism. While teaching at Kuwait University Dr. Potesta' worked on the transformation of urban setting of the region, cooperating with several institutions. She conducted a research on transitional process of commercial spaces, addressing in detail the typological and behavioral conditions that resulted from the model of the souk to the nowadays widely more popular model of the mall. This research, granted by Kuwait University received an award for excellence in research after an evaluation by an international peer review committee.

GIOVANNA POTESÀ
ASSISTANT PROFESSOR
ARCHITECTURE
GOLISANO INSTITUTE FOR SUSTAINABILITY





Published Conference Proceedings: Wang, Xue, W Hoffman, and Gabrielle Gaustad. "Challenges in Validation of Sustainable Products and Services in the Green Marketplace." Proceedings of the ISSST 2015. Ed. Thomas Seager. Dearborn, Michigan: n.p., Web. *

Published Conference Proceedings: Bustamante, Michele and Gabrielle Gaustad. "Price Volatility in PV-Critical Material Markets: Perspectives for Solar Firms, Consumers, and Policy Makers." Proceedings of the Proceedings of the 42nd IEEE Photovoltaic Specialists Conference (PVSC). Ed. Tim Anderson. New Orleans, LA: n.p., Print. *

Thomas Trabold, Associate Professor

Full Patent: Waller, Michael G., Mark M. Walluk, and Thomas A. Trabold. "Compact Fuel Cell System." U.S. Patent Application 62183885. 24 Jun. 2015.

Published Conference Proceedings: Barber, Steven T., Josh M. Dranoff, and Thomas A. Trabold. "Initial Assessment of Microbial Fuel Cells for Treatment of Tofu Processing Waste." Proceedings of the International Power and Energy Conference, June 28 - July 2, 2015, San Diego, CA. Ed. Yunho Hwang. New York, NY: ASME, Print. *

Published Conference Proceedings: Ebner, Jacqueline H., Anahita A. Williamson, and Thomas A. Trabold. "Quantifying the Greenhouse Gas Impacts of Pathways for Treatment of Secondary Resources Generated in the Food Supply Chain." Proceedings of the International Power and Energy Conference, June 28 - July 2, 2015, San Diego, CA. Ed. Yunho Hwang. New York, NY: ASME, Print. *

Journal Paper: Ebner, Jacqueline H., et al. "Life-cycle Greenhouse Gas Analysis of an Anaerobic Codigestion Facility Processing Dairy Manure and Industrial Food Waste." Environmental Science & Technology 49. (2015): 11199-11208. Print. *

Journal Paper: Waller, Michael G., Mark R. Walluk, and Thomas A. Trabold. "Operating Envelope of a Short Contact Time Fuel Reformer for Propane Catalytic Partial Oxidation." Journal of Power Sources 274. (2015): 149-155. Print. *

Published Conference Proceedings: Hegde, Swati, et al. "Feasibility Assessment of Medium-Scale Anaerobic Digesters for Treatment of Brewery and Dairy Farm Waste Streams." Proceedings of the International Power and Energy Conference, June 28 - July 2, 2015, San Diego, CA. Ed. Yunho Hwang. New York, NY: ASME, Print. *

Published Conference Proceedings: Waller, Michael G., Mark R. Walluk, and Thomas A. Trabold. "Performance of a High-Temperature Proton Exchange Membrane Fuel Cell (HT-PEMFC) Operating on Simulated Reformate." Proceedings of the International Power and Energy Conference, June 28 - July 2, 2015, San Diego, CA. Ed. Antonio B. Silvera. New York, NY: ASME, Print. *

Published Conference Proceedings: Win, Shwe Sin, Swati Hegde, and Thomas A. Trabold. "Techno-Economic Assessment of Different Pathways for Utilizing Glycerol Derived from Waste Cooking Oil-Based Biodiesel." Proceedings of the International Power and Energy Conference, June 28 - July 2, 2015, San Diego, CA. Ed. Yunho Hwang. New York, NY: ASME, Print. *

Full Patent: Owejan, John P., et al. "Bipolar Plate Features for Mitigation of Exit Water Retention." U.S. Patent 9,153,826. 6 Oct. 2015.

Full Patent: Dadheech, Gayatri V., Thomas A. Trabold, and Mahmoud H. Abd Elhamid. "Low Cost fuel Cell Bipolar Plate and Process for Making the Same." U.S. Patent 9,136,545. 15 Sep. 2015.

Journal Paper: Walluk, Mark R., et al. "Comparison of Reforming Performance of JP-8 and HRJ-5 for Fuel Cell Applications." Fuel 139. (2015): 35-39. Print. *

Full Patent: Winter, Gerhard, et al. "Hydrophilic Coating for Fuel Cell Bipolar Plate and Methods of Making the Same." U.S. Patent 9,029,046. 12 May 2015.

Full Patent: Dadheech, Gayatri V., et al. "Amorphous Carbon Coatings for Fuel Cell Bipolar Plates." U.S. Patent 8,956,785. 17 Feb. 2015.

Invited Keynote/Presentation: Trabold, Thomas A. "Sustainable Food Production." Food-Energy-Water Nexus Workshop. National Science Foundation and American Institute of Chemical Engineers. Baltimore, MD. 8 Oct. 2015. Guest Lecture.

Invited Keynote/Presentation: Trabold, Thomas A. "A Game-Changing Opportunity: Organics Recovery and Valorization." Organics Reduction and Recycling Roundtable. New York State Department of Environmental Conservation. Rochester, NY. 9 Jul. 2015. Guest Lecture.

Invited Keynote/Presentation: Trabold, Thomas A. "Sustainable Energy Systems." Cultural Enrichment Committee Speakers. Roberts Wesleyan College. Rochester, NY. 30 Mar. 2015. Guest Lecture.

Full Patent: Owejan, Jon P., et al. "PEM Fuel Cell stack Inlet Water Regulation System." U.S. Patent Application US20150093673. 2 Apr. 2015.

Eric Williams, Associate Professor

Journal Paper: Matteson, Schuyler and Eric Williams. "Learning Dependent Subsidies for Lithium-ion Electric Vehicle Batteries." Technological Forecasting and Social Change 92. (2015): 322-331. Print. *

Journal Paper: Ryen, Erinn, Callie Babbitt, and Eric Williams. "Consumption-Weighted Life Cycle Assessment of a Consumer Electronic Product Community." Environmental Science and Technology 49. (2015): 2549-2559. Print. *

Invited Keynote/Presentation: Williams, Eric. "Sun-to-Wheel Process Chains: Current and Theoretical Maximum Efficiencies." School of Forestry and Environment Seminar. Yale University. New Haven, CT. 19 Mar. 2015. Lecture.

Invited Keynote/Presentation: Williams, Eric. "Technological Progress and Energy Policy: Case Studies of Wind, Batteries and Electric Vehicles." Dept of Physics Seminar Series. University of Maryland - Delaware. Delaware, MD. 17 Jun. 2015. Lecture. *

Invited Keynote/Presentation: Williams, Eric. "Technological Progress and Energy Policy: Case Studies of Wind, Batteries and Electric Vehicles." Dept of Physics Seminar Series. University of Maryland - Delaware. Delaware, MD. 17 Jun. 2015. Lecture. *

Journal Paper: Kasulaitis, Barbara, et al. "Evolving Materials, Attributes, and Functionality in Consumer Electronics: Case Study of Laptop Computers." Resources, Conservation and Recycling 100. (2015): 1-10. Print. *

Journal Paper: Williams, Eric, et al. "Sun-to-Wheels Exergy Efficiencies for Bio-Ethanol and Photovoltaics." Environmental Science and Technology 49. (2015): 6394-6401. Print. *

Journal Paper: Matteson, Schuyler and Eric Williams. "Residual Learning Rates in Lead-acid Batteries: Effects on Emerging Technologies." Energy Policy 85. (2015): 71-79. Print. *

Invited Keynote/Presentation: Williams, Eric. "Using Thermodynamic Limits of Energy Process Chains to Bound Technological Progress." Green Design Initiative Seminar Series. Carnegie Mellon University. Pittsburgh, PA. 29 Oct. 2015. Lecture.

Invited Keynote/Presentation: Williams, Eric. "Cascading Discussion and Energy Technology Subsidies: Plug-in Hybrid Electric Vehicles in the United States." College of Nanoscale Science and Engineering Seminar Series. SUNY Polytechnic. Albany, NY. 4 Dec. 2015. Lecture.

External Scholarly Fellowships/National Review Committee:

7/1/2016 - 7/31/2016

Japanese Society for the Promotion of Science

Amount: \$7000 *

Journal Paper: Guhathakurta, Subhrajit and Eric Williams. "Impact of Urban Form on Energy Use in Central City and Suburban Neighborhoods: Lessons from the Phoenix Metropolitan Region." Energy Procedia 75. (2015): 2928-2933. Print. *

RESEARCH CENTERS

Nabil Nasr, Professor

Journal Paper: Nasr, N., et al. "Designing Automotive Products for Remanufacturing from Material Selection Perspective." Journal of Cleaner Production. (2015): 1-10. Web. *

Invited Article/Publication: Nasr, N. "Learning Lessons from a Sustainable Building." Industrial Engineer, March. (2015). Print. ^

Invited Article/Publication: Nasr, N. "Servitization Offers a New Path." Industrial Engineer, June. (2015). Print. ^

Invited Article/Publication: Nasr, N. "Vietnam in Transition." Industrial Engineer, September. (2015). Print. ^

Invited Article/Publication: Nasr, N. "DMDII Tackles Digital Industrial Innovation." Industrial Engineer, December. (2015). Print. ^

Invited Keynote/Presentation: Nasr, N. "Global Perspectives on Materials and Manufacturing." Defense Materials, Manufacturing and Infrastructure (DMMI) Workshop on Globalization on Defense Materials and Manufacturing. National Academy of Sciences. Washington, DC. 25 Mar. 2015. Conference Presentation.

Invited Keynote/Presentation: Nasr, N. "Sustainability Through Remanufacturing." 18th Annual Electrical Safety, Reliability and Sustainability Conference. PEARL. Cleveland, OH. 27 Apr. 2015. Conference Presentation.

Invited Keynote/Presentation: Nasr, N. "Remanufacturing in the Americas." 2015 World Remanufacturing Summit. ReMaTec. Amsterdam, The Netherlands. 16 Jun. 2015. Conference Presentation.

Invited Keynote/Presentation: Nasr, N. "Energy Systems and Remanufacturing." 2015 Circular Economy 100 (CE100) Annual Summit. The Ellen MacArthur Foundation. London, England. 24 Jun. 2015. Conference Presentation.

Invited Keynote/Presentation: Nasr, N. "Resource Recovery from Construction and Demolition Waste." 6th Regional 3R Forum in Asia and the Pacific. UN Centre for Regional Development. Male, Maldives. 18 Aug. 2015. Keynote Speech.

Invited Keynote/Presentation: Nasr, N. "Remanufacturing in the Context of the Circular Economy; Potential Environmental Benefits, and Current Technologies and Opportunities." UN Environment Programme International Resource Panel Special Session. UNEP. Male, Maldives. 18 Aug. 2015. Conference Presentation.

Invited Keynote/Presentation: Nasr, N. "Sustainable Production and the Circular Economy." Trottier Institute for Sustainability in Engineering and Design Seminar. McGill University, TSIED. Montreal, Quebec. 10 Sep. 2015. Guest Lecture.

Invited Keynote/Presentation: Nasr, N. "Circular Economy and Resource Efficiency." UN Environment Programme 17th Meeting of the International Resource Panel and its Steering Committee. UNEP. Davos, Switzerland. 14 Oct. 2015. Conference Presentation.

Nenad Nenadic, Research Associate Professor

Published Conference Proceedings: Nenadic, Nenad G., et al. "Processing and Interpretation of Crack-Propagation Sensors." Proceedings of the Annual Conference of the Prognostics and Health Management Society 2015. Ed. Matthew Daigle. San Diego, CA: https://www.phmsociety.org/sites/phmsociety.org/files/phm_submission/2015/phmc_15_061.pdf, 2015. Web. *

Mark Walluk

Journal Paper: Walluk, Mark R., et al. "Comparison of Reforming Performance of JP-8 and HRJ-5 for Fuel Cell Applications." Fuel 139. (2015): 35-39. Web. *

BIOMEDICAL ENGINEERING

Jennifer L Bailey

Published Conference Proceedings: Bailey, Jennifer. "Increasing Student Confidence and Enthusiasm in a Physiological Signals Lab: Works in Progress." Proceedings of the ASEE 122nd Annual Conference and Exposition, Seattle, Washington, 2015. Ed. . Seattle, WA: n.p., 2015. Print. «

Behnaz Ghoraani, Assistant Professor

Journal Paper: Ladavich, S. and B. Ghoraani. "Rate-Independent Detection of Atrial Fibrillation by Statistical Modeling of Atrial Activity." Bio-medical Signal Processing and Control Journal. (2015): 274–281. Print. *

Journal Paper: Ganesan, P., et al. "Characterization of Electrograms From Multi-polar Diagnostic Catheters During Atrial Fibrillation." the Simulations of Heart Function Journal - BioMed Research International. (2015): 1-9. Web. *

Journal Paper: Sterling, M., D. Huang, and B. Ghoraani. "Developing a New Computer-aided Clinical Decision Support System For Prediction of Successful Post-cardioversion Patients With Persistent Atrial Fibrillation." Computational and Mathematical Methods in Medicine Journal - Congestive Heart Failure 1. 6 (2015): 1-11. Web. *

Journal Paper: Zeller, A. and B. Ghoraani. "Body Surface Mapping of T-wave Alternans Depends on the Distribution of Myocardial Scarring." The Open Cardiovascular Medicine Journal 26. (2015): 26-34. Web. *

Published Conference Proceedings: Traitruengsakul, S., et al. "Automatic Localization of Epileptic Spikes in EEGs of Children with Infantile Spasms." Proceedings of the the Proceedings of 37th Annual International IEEE EMBS. Milan, Italy, N/A: n.p., Print. *

Published Conference Proceedings: Medel, J., A. Savakis, and B. Ghoraani. "A Novel Time-Frequency Feature Extraction Algorithm Based on dictionary Learning." Proceedings of the the 41st IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP). Shanghai, China, : n.p., Print. *

Published Conference Proceedings: Savakis, S. Kumar, B. Ghoraani, A. "Joint and Discriminative Dictionary Learning for Facial Expression Recognition." Proceedings of the Electronic Imaging: Imaging and Multimedia Analytics in a Web and Mobile World Conference. San Francisco, CA: n.p., Print. *

Published Conference Proceedings: Salmin, A., et al. "An Algorithm to Guide Multi-pole Diagnostic Catheters Towards Atrial Fibrillation Sustaining Sites." Proceedings of the 21st Atrial Fibrillation Symposium. Ed. N/A. Orlando, Florida: n.p., Print. *

Published Conference Proceedings: Paciorkowski, L. Seltzer, S. Traitruengsakul, S. Demarest, K. Knupp, T. Benke, D. Phillips, B. Ghoraani, and A. R. "A Novel Approach to Spike Detection in Hypsarrhythmia Using Matching Pursuit Time-Frequency Domain." Proceedings of the Annual Meeting of the American Epilepsy Society. Philadelphia, PA: n.p., Print. *

Published Conference Proceedings: Ghoraani, A. Salmin, P. Ganesan, K.E. Shilieto, E. Cherry, A. Pertsov, and B. "An Algorithm to Guide Multi-pole Diagnostic Catheters Towards Atrial Fibrillation sustaining Sites." Proceedings of the The Upstate New York Cardiac Electrophysiology Symposium. Rochester, NY: n.p., Web. *

Invited Keynote/Presentation: Ghoraani, B. "Mechanical and Aerospace Seminar Series." University of Buffalo. Buffalo, NY. 19 Nov. 2015. Guest Lecture.

FEATURED FACULTY

REGINALD ROGERS RECEIVED HIS M.S. FROM NORTHEASTERN UNIVERSITY, AND HIS PH.D. FROM THE UNIVERSITY OF MICHIGAN. HIS RESEARCH AT THE UNIVERSITY OF MICHIGAN FOCUSED ON THE FUNDAMENTAL UNDERSTANDING OF PARTICLE INTERACTION POTENTIALS FOR POTENTIAL APPLICATIONS INCLUDING PHOTONICS.

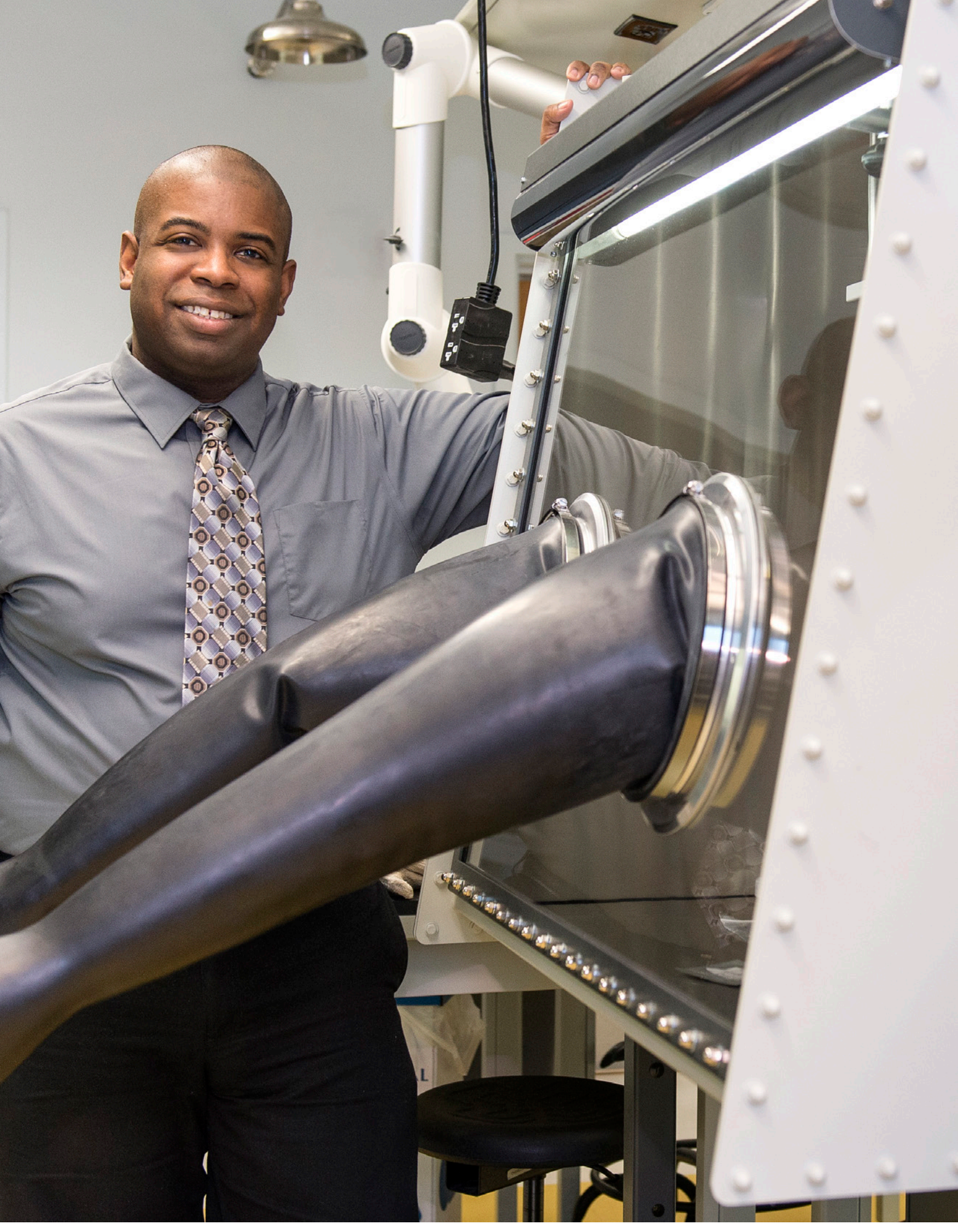
Water is at the heart of many of the technologies used in society today. Whether it is for drinking supplies or serving as a material for agricultural purposes, the need for water is a constant. With the rise in the human population, however, the need for accessible clean water is a growing concern. Many sources have been overrun with pollutants that are harmful to humans and animals. Technologies to purify water have grown in number, but the rates at which new pollutants have emerged are starting to outweigh the utility of these purification systems. As such, new opportunities for developing materials for increasing the accessibility of clean water continue to be at the forefront of research.

Reginald Rogers currently has several projects which focus on developing novel nanomaterials to help improve the removal of contaminants from aqueous systems. His research group, the Nanoscale Energy and Separations Materials Lab (NESML), has a dedicated focus on the use of carbon nanomaterials for adsorption applications. His group has been able to develop a hybrid graphene-carbon nanotube freestanding paper demonstrating a 25% improvement in the adsorption uptake of organic and metallic compounds from water and has been featured in Nanoscale and ACS Applied Materials & Interfaces. To demonstrate the “green” nature of this hybrid adsorbent, NESML has been able to show that higher adsorption efficiencies are attainable with modest thermal and microwave treatments. This work was highlighted in Environmental Science: Nano. In addition, Reginald’s group has demonstrated the use of carbon nanotube adsorbents in continuous flow fixed bed system, which is typically how adsorption is completed due to its efficient nature.

Beside environmental applications, Reginald also has a focus on energy applications. Currently, his research group is developing next generation cathode materials for sodium-ion batteries. This research is in collaboration with Army Research Laboratory.

REGINALD ROGERS
ASSISTANT PROFESSOR
DEPARTMENT OF CHEMICAL ENGINEERING
THE KATE GLEASON COLLEGE OF ENGINEERING





Invited Keynote/Presentation: Ghoraani, B. "Aab Cardiovascular Research Institute Seminar series." URM. Rochester, NY. 8 Apr. 2015. Guest Lecture.

Invited Keynote/Presentation: Ghoraani, B. "Rochester Heart Research Group Seminar Series." CTSI Rochester. Rochester, NY. 29 Jan. 2015. Guest Lecture.

Blanca H Lapizco-Encinas, Associate Professor

Journal Paper: Lapizco-Encinas, Blanca H. and Mark A. Hayes. "Editorial: 2014 AES Annual Meeting, Electrophoresis." *Electrophoresis* 36. 15 (2015): 1665-1665. Print. Δ

Journal Paper: Lapizco-Encinas, Blanca H. "Dielectrophoresis 2015." *Electrophoresis* 36. 13 (2015): 1385-1385. Print. Δ

Journal Paper: Lapizco-Encinas, Blanca H. and Mark A. Hayes. "Editorial: Focus on the London Dielectrophoresis 2014 Meeting." *Electrophoresis* 36. 9-10 (2015): 1083-1083. Print. Δ

National/International Competition Award

Winner: LaLonde, Alexandra and Blanca H. Lapizco-Encinas. Undergraduate Poster Competition, 2015 AIChE Annual Meeting. First place, Separations Division. Salt Lake City, Utah, 2015. £ ≠

National/International Competition Award

Winner: Romero-Creel, Maria F. and Blanca H. Lapizco-Encinas. Undergraduate Poster Competition, 2015 AIChE Annual Meeting. Second place, Separations Division. Salt Lake City, Utah, 2015. £ ≠

National/International Competition Award

Winner: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. AES Poster Competition. First place. Salt Lake City, Utah, 2015. £ ≠

Journal Editor: Lapizco-Encinas, Blanca H., ed. *Electrophoresis*. Germany: Wiley, 2015. Print.

Invited Keynote/Presentation: Lapizco-Encinas, Blanca H. "Particle Separation Employing Dielectrophoresis." Scix 2015. Federation of Analytical Chemistry and Spectroscopy Societies. Providence, RI. 29 Sep. 2015. Conference Presentation. Δ ≠

Published Conference Proceedings: Saucedo-Espinosa, Mario A., Mallory Rauch, and Blanca H. Lapizco-Encinas. "Improving the Design of Insulator-Based Dielectrophoretic Devices: Effect of Insulator Posts Characteristics." *Proceedings of the 2015 AIChE Annual Meeting*. Ed. AIChE. New York, NY: AIChE, ISBN: 978-0-8169-1094-6, Web. ≠

Journal Paper: Alexandra, LaLonde, et al. "Isolation and Enrichment of Low Abundant Particles with Insulator-based Dielectrophoresis." *Biomeicrofluidics*, 9(6): 9. 6 (2015): 64113. Web. * £ ≠

Journal Paper: Saucedo-Espinosa, Mario A., et al. "Dielectrophoretic Manipulation of Particle Mixtures Employing Asymmetric Insulating Posts." *Electrophoresis*. (2015): In press. 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*. (2015): In press. Print. * £ ≠

Published Conference Proceedings: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. "Effect of Particle Concentration in the Estimation of Dielectrophoretic Force in Arrays of Insulators." *Proceedings of the 2015 AIChE Annual Meeting*. Ed. AIChE, ISBN: 978-0-8169-1094-6. New York, NY: AIChE, Web. ≠

Journal Paper: Lalonde, Alexandra, Maria F. Romero-Creel, and Blanca H. Lapizco-Encinas. "Assessment of Cell Viability after Manipulation with Insulator-based Dielectrophoresis." *Electrophoresis* 36. 13 (2015): 1479-1484. Print. * £ ≠

Journal Paper: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. "Design of Insulator-based Dielectrophoretic Devices: Effect of Insulator Posts Characteristics." *Journal of Chromatography A* 1422. (2015): 1479-1484. Print. * £ ≠

Journal Paper: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. "Experimental and Theoretical Study of Dielectrophoretic Particle Trapping in Arrays of Insulating Structures: Effect of Particle Size and Shape." *Electrophoresis* 36. 9-10 (2015): 1086-1097. Print. * £ ≠

Published Conference Proceedings: Saucedo-Espinosa, Mario A. and Blanca H. Lapizco-Encinas. "Adapting Current Monitoring Measurement for Low Conductivity Media." *Proceedings of the 2015 AIChE Annual Meeting*. Ed. AIChE. New York, NY: AIChE, ISBN: 978-0-8169-1094-6, Web. ≠

Published Conference Proceedings: Saucedo-Espinosa, Mario A., et al. "Reversing Elution Order in Insulator Based Dielectrophoretic Separations with Asymmetric Insulating Posts." *Proceedings of the 2015 AIChE Annual Meeting*. Ed. AIChE. New York, NY: AIChE, ISBN: 978-0-8169-1094-6, Web. ≠

Published Conference Proceedings: LaLonde, Alexandra, et al. "Dielectrophoretic Isolation and Enrichment of Low Abundant Particles." *Proceedings of the 2015 AIChE Annual Meeting*. Ed. AIChE. New York, NY: AIChE, ISBN: 978-0-8169-1094-6, Web. ≠

Cristian A Linte, Assistant Professor

Book Chapter: Yaniv, Z and CA Linte. "Applications of Augmented reality in the Operating Room." *Fundamentals of Wearable Computers and Augmented Reality*, 2nd Ed. New York, NY: Taylor & Francis, 2015. 486-518. Print. *

Book Chapter: Linte, CA, et al. "Image-guided Procedures: Tools, Techniques and Clinical Applications." *Bio-engineering for Surgery: The Critical Engineer Surgeon-Interface*. New York, NY: Elsevier, 2015. forthcoming. Print. *

Journal Paper: al., Linte CA et. "An Interactive 3D Virtual Anatomy Puzzle for Learning and Simulation: Initial Demonstration and Evaluation." *Stud Health Technol Inform.* (2016): In Press. 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. * Δ

Journal Paper: Dangi, S, et al. "Automatic LV Feature Detection and Blood-pool Tracking from Multi-plane TEE Time Series." *Lect Notes Comput Sci* 9126. (2015): 29-39. Print. «

Published Conference Proceedings: Camp, JJ, et al. "The Effect of Elastic Modulus on Ablation Catheter Contact Area." *Proceedings of the SPIE Medical Imaging - Orlando, FL, Feb. 2015*. Ed. Z Yaniv and R Webster. Bellingham, WA: SPIE, 2015. Print. *

Published Conference Proceedings: Bensch, A, et al. "Augmenting Real-time Video with Virtual Models for Enhanced Visualization for Simulation, Training and Guidance." *Proceedings of the SPIE Medical Imaging - Orlando, FL, Feb. 2015*. Ed. Z Yaniv and R Webster. Bellingham, WA: SPIE, 2015. Print. *

Published Conference Proceedings: Dangi, S, et al. "Endocardial Left Ventricle Feature Tracking and Reconstruction From Tri-plane TEE Data for Computer-assisted Image Guidance and Cardiac Function Assessment." *Proceedings of the SPIE Medical Imaging - Orlando, FL, Feb. 2015*. Ed. Z Yaniv and R Webster. Bellingham, WA: SPIE, 2015. Print. *

Full Length Book: Linte, CA, Z Yaniv, and P Fallavollita. *Augmented Environments for Computer-Assisted Interventions*. 10th edition ed. Heidelberg, Germany: Springer, 2015. Print. £

Book Chapter: Yaniv, Z and CA Linte. "Applications of Augmented Reality in the Operating Room." *Fundamentals of Wearable Computers and Augmented Reality*. Woodrow Barfield, USA: Taylor & Francis, 2015. 485-518. Print. £

Book Chapter: Linte, CA, et al. "Image-guided Procedures: Tools, Techniques and Clinical Applications." *Bioengineering for Surgery: The Critical Engineer Surgeon Interface*. Ed. James Drake. Cambridge, UK: Woodhead Publishing Group, 2015. 98-131. Print. £

Invited Keynote/Presentation: Linte, CA. "Minimally Invasive Surgery & Therapy Revisited: Tools for Virtual Visualization and Guidance." IET Healthcare Technologies Network Annual Gala. The Institution of Engineering and Technology. London, UK. 26 Nov. 2015. Guest Lecture. £

Invited Keynote/Presentation: Linte, CA. "Seeing what Lies Beneath: Enabling Minimally Invasive Access, Visualization And Surgical Navigation via Biomedical Imaging and Modelling." International Conference on Biomedical Image and Signal Processing. IET. Beijing, China. 21 Nov. 2015. Lecture.

Invited Keynote/Presentation: Linte, CA. "Multi-modality Medical Imaging Applications and Computer/information Science for Healthcare." International Conference on Wireless, Mobile and Multimedia Networks. IET. Beijing, China. 19 Nov. 2015. Keynote Speech.

Invited Keynote/Presentation: Linte, CA. "Patient-specific Multi-modality Visualization Environments for Minimally Invasive Image-guided Interventions." Thematic Conference on Computational Vision, Visualization and Medical Image Processing. ECCOMAS. Tenerife, Spain. 20 Oct. 2015. Keynote Speech.

Invited Keynote/Presentation: Linte, CA. "5. Augmented and Virtual Medical Imaging Applications for Simulation, Teaching, Surgical Planning and Interventional Guidance." Hamlyn Symposium in Medical Robotics. Imperial College London. London, UK. 20 Jun. 2015. Lecture.

Invited Keynote/Presentation: Linte, CA. "On Augmented and Virtual Visualization Environments for Computer-Aided Diagnosis and Image-guided Intervention." IEEE Joint Chapters Meeting. IEEE. Rochester, NY. 31 Mar. 2015. Guest Lecture.

Published Conference Proceedings: Ben-Zikri, YK, et al. "Comparison of Lesion-centered vs. Lung-centered Registration for Nodule Assessment from Lung CT Images." *Proceedings of the IEEE Western NY Image & Signal Processing*. Ed. T Vodacek et al. Rochester, NY: IEEE Explore, 2015. Web. *

Published Conference Proceedings: Hughes, A, et al. "Experimental Characterization, Comparison, and Image Quality Assessment of Two Ultrasound Contrast Agents: Optison and Definity." *Proceedings of the SPIE Medical Imaging - San Diego, CA, Feb. 2016*. Ed. N Duric and B Heyde. Bellingham, WA: SPIE, Print. *

Published Conference Proceedings: Daryanani, A, et al. "A Comparison Study of Atlas-based 3D Cardiac MRI Segmentation: Global Versus Global and Local Transformations." *Proceedings of the SPIE Medical Imaging - San Diego, CA, Feb. 2016*. Ed. Z Yaniv and R Webster. Bellingham, WA: SPIE, 2016. Print. *

Published Conference Proceedings: Ben-Zikri, YK, S Dangi, and CA Linte. "A Robust, Automated Left Ventricle Region of Interest Localization Technique Using a Cardiac cine MRI Atlas." *Proceedings of the SPIE Medical Imaging - San Diego, CA, Feb. 2016*. Ed. Z Yaniv and R Webster. Bellingham, WA: SPIE, 2016. Print. *

Published Conference Proceedings: Miller, L, et al. "Automated Reconstruction of Standing Posture Panoramas from Multi-sector Long Limb x-ray Images." *Proceedings of the SPIE Medical Imaging - San Diego, CA, Feb. 2016*. Ed. B Gimi and A Krol. Bellingham, WA: SPIE, 2016. Print. *

Invited Article/Publication: Linte, CA and Z Yaniv. "If We Can See It, We Can Fix It: From Medical Imaging to Guidance Environments for Computer-assisted Interventions." IEEE Life Sciences. (2015). Web. ~

Invited Article/Publication: Celano, L and CA Linte. "Propelling your Career." IEEE Pulse. (2015). Web. ~

Invited Article/Publication: Linte, CA. "Are you Receiving the Mentorship you Need?" IEEE Pulse. (2015). Web. ~

CHEMICAL ENGINEERING

Brian Landi, Associate Professor

Journal Paper: Rossi, J.E., et al. "Intrinsic Diameter Dependent Degradation of Single-wall Carbon Nanotubes from Ion Irradiation." Carbon 81. (2015): 488-496. Print. *

Journal Paper: Zeidell, A.M., et al. "Cyclopentadienyliron Dicarboxyl Dimer Carbon Nanotube Synthesis." Journal of Vacuum Science & Technology B 33. (2015): 11204. Print. *

Christiaan Richter, Assistant Professor

Journal Paper: Baxter, J. B., C. Richter, and C.A. Schmuttenmaer. "Ultrafast Carrier Dynamics in Nanostructures for Solar Fuels." Annual Review of Physical Chemistry 65. (2014): 423-447. Print. *

Journal Paper: Close, Thomas, et al. "Reversible Oxygen Scavenging at Room Temperature using Electrochemically Reduced Titanium Oxide Nanotubes." Nature Nanotechnology 10. (2015): 418-422. Print. *

Reginald E Rogers, Assistant Professor

Journal Paper: Dichiaro, Anthony B., et al. "Removal of Copper Ions from Aqueous Solutions via Adsorption on Carbon Nanocomposites." ACS Applied Materials & Interfaces 7. (2015): 15674-15680. Web. * £

Journal Paper: Dichiaro, Anthony B., Steven J. Weinstein, and Reginald E. Rogers. "On the Choice of Batch or Fixed Bed Adsorption Processes for Wastewater Treatment." Industrial & Engineering Chemistry Research 54. (2015): 8579-8586. Web. * £

Journal Paper: Dichiaro, Anthony B., Samuel F. Harlander, and Reginald E. Rogers. "Fixed Bed Adsorption of Diquat Dibromide from Aqueous Solutions using Carbon Nanomaterials." RSC Advances 5. (2015): 61508-61512. Web. * £

Book Chapter: Landi, Brian J., et al. "Lithium-Ion Batteries Based on Carbon Nanomaterials." Carbon Nanomaterials for Advanced Energy Systems. Hoboken, NJ: John Wiley & Sons, 2015. 339-364. Print.

Invited Article/Publication: Rogers, Reginald E. "Hybrid This - Hybrid That - Hybrids in Energy Storage." eChemion Expert Blog. (2015). Web.

National/International Competition Award

Winner: Rogers, Reginald E. National Organization for the Professional Advancement of Black Chemists and Chemical Engineers. Joseph N. Cannon Award in Chemical Engineering. Orlando, FL, 2015.

External Scholarly Fellowships/National Review Committee:

6/21/2015 - 6/26/2015
Gordon Research Conference
Amount: \$600

Steven Weinstein, Professor

Journal Paper: Close, T., et al. "Rapid Reversible Oxygen Scavenging at Room Temperature with Electrochemically-Reduced Titanium Oxide Nanotubes." Nature Nanotechnology 10. (2015): 418-422. Print. *

Journal Paper: Dichiaro, A. B., S. J. Weinstein, and R. E. Rogers. "On the Choice of Batch or Fixed-Bed Adsorption Processes for Wastewater Treatment." Industrial and Engineering Chemistry Research 54. (2015): 8579-8586. Print. *

Journal Paper: Barlow, N. S., et al. "Analytic Continuation of the Virial Series Through the Critical Point Using Parametric approximants." *Journal of Chemical Physics* 143. 7 (2015): 071103-1 to -5. Print. *

Journal Paper: Barlow, Nathaniel S., Brian T. Helenbrook, and Steven J. Weinstein. "Algorithm for Spatio-temporal Analysis of the Signalling Problem." *IMA Journal of Applied Mathematics* doi=10.1093/imamat/HXV040. (2015): 1-32. Print. *

COMPUTER ENGINEERING

Reza Azarderakhsh, Assistant Professor

Journal Paper: Azarderakhsh, Reza, et al. "Fast Software Implementations of Bilinear Pairings." *IEEE Transactions on Dependable and Secure Computing (TDSC)*. (2015): 1-14. Web. *

Journal Paper: Kermani, Mehran Mozaffari, Reza Azarderakhsh, and Anita Aghaei. "Reliable Cryptographic Architectures Suitable for False-alarm-sensitive Secure Smart Infrastructures." *IEEE Transactions on VLSI Systems (TVLSI)* 23. 9 (2015): 2804-2812. Web. *

Journal Paper: Azarderakhsh, Reza, et al. "Systolic Gaussian Normal Basis Multiplier Architectures Suitable for High-Performance Applications." *IEEE Transactions on VLSI Systems (TVLSI)* 23. 9 (2015): 1969-1972. Web. *

Journal Paper: Azarderakhsh, Reza, Mehran Mozaffari Kermani, and Kimmo Jarvinen. "Efficient Architectures for Single Exponentiation Using Hybrid-Double Multipliers Suitable for High-Performance Cryptographic Applications." *IEEE Transactions on Computer Aided Design Integrated Circuits Systems (TCAD)* 34. 3 (2015): 332-340. Web. *

Journal Paper: Azarderakhsh, Reza and Mehran Mozaffari Kermani. "High-performance Two-dimensional Finite Field Multiplication and Exponentiation for Cryptographic Application." *IEEE Transactions on Computer Aided Design Integrated Circuits Systems (TCAD)* 34. 10 (2015): 1-8. Web. *

Journal Paper: Azarderakhsh, Reza, David Jao, and Hao Lee. "Space Complexity Reduction Algorithms for Gaussian Normal Basis Multiplication." *IEEE Transactions on Information Theory (TIF)* 61. 5 (2015): 2357-2369. Web. *

Journal Paper: Jarvinen, Kimmo, Vassil Dimitrov, and Reza Azarderakhsh. "A Generalization of Addition Chains and Fast Inversions in Binary Fields." *IEEE Transactions on Computers* 64. 9 (2015): 2421-2432. Web. *

Journal Paper: Kermani, Mehran Mozaffari and Manoj Monaharan. "Reliable Radix-4 Complex Division for Fault-sensitive Applications." *IEEE Transactions on Computer-Aided Design Integrated Circuits Systems (TCAD)* 43. 4 (2015): 656-667. Web. *

Journal Paper: Azarderakhsh, Reza and Arash Reyhani-Masoleh. "Parallel and High-Speed Computations of Elliptic Curve Cryptography Using Hybrid-Double Multipliers." *IEEE Transactions on Parallel and Distributed Systems (TPDS)* 26. 6 (2015): 1668-1677. Web. *

Published Conference Proceedings: Koziel, Brian, Reza Azarderakhsh, and Mehran Mozaffari Kermani. "Low-resource and Fast Binary Edwards Curves Cryptography." *Proceedings of the Int. Conf. INDOCRYPT*. Ed. Chrisn Lauther. India, NA: Springer, 2015. Web. «

Published Conference Proceedings: Kermani, Mehran Mozaffari and Reza Azarderakhsh. "Integrating Emerging Cryptographic Engineering Research and Security Education." *Proceedings of the Conf. American Society for Engineering Education*. Ed. Edward Hnsko. Seattle, Washington: ASEE, 2015. Web. «

Published Conference Proceedings: Kermani, Mehran Mozaffari and Reza Azarderakhsh. "Reliable Hash Trees for Post-quantum Stateless Cryptographic Hash-based Signatures." Proceedings of the IEEE Int. Symp. Defect and Fault Tolerance in VLSI Systems (DFT). Ed. Fabrizio Lombardi. Boston, Massachusetts: IEEE, 2015. Web. «

Invited Keynote/Presentation: Azarderakhsh, Reza. "Post-Quantum Cryptography in Embedded Systems." Research Week. Urmia University. Oromiyeh, Azar-West. 5 Jan. 2015. Keynote Speech.

Journal Editor: Azarderakhsh, Reza, et al, ed. IEEE/ACM Transactions on Computational Biology and Bioinformatics, Special Issue on Emerging Security Trends for Biomedical Computations, Devices, and Infrastructures. New York: IEEE, 2015. Web.

Journal Editor: Choo, Kim-Kwang Raymond, et al, ed. IEEE Transactions on Dependable and Secure Computing, Special Issue on Emerging Embedded and Cyber Physical System Security Challenges and Innovations. New York: IEEE, 2015. Web.

External Scholarly Fellowships/National Review Committee:

4/1/2015 - 3/31/2017
National Science Foundation
Amount: 174,500 *

External Scholarly Fellowships/National Review Committee:

4/1/2015 - 3/31/2017
National Science Foundation (REU)
Amount: 16,000 ≠

Shows/Exhibits/Installations: Azarderakhsh, Reza. Elliptic Curve Cryptography in Embedded Systems. 20 Nov. 2015. Boot Camp Rochester, Rochester. Exhibit. *

Invited Keynote/Presentation: Koziel, Brian and Reza Azarderakhsh. "Low-resource and Fast Binary Edwards Curves Cryptography." INDOCRYP (Video Presentation). IIT. Bangalore, Delhi. 5 Dec. 2015. Conference Presentation. «

External Scholarly Fellowships/National Review Committee:

5/14/2015 - 5/16/2015
National Science Foundation (Panelist)
Amount: 0

Published Conference Proceedings: Kermani, Mehran Mozaffari, Rajkumar Ramadoss, and Reza Azarderakhsh. "Efficient Error Detection Architectures for CORDIC Through Recomputing with Encoded Operands." Proceedings of the IEEE Int. Symp. Circuits and Systems (ISCAS). Montreal, Quebec: n.p., 2015. Web. *

Published Conference Proceedings: Kermani, Mehran Mozaffari and Reza Azarderakhsh. "Multidisciplinary Approaches and Challenges in Integrating Emerging Medical Devices Security Research and Education." Proceedings of the Conf. American Society for Engineering Education (ASEE). Ed. Abstract Accepted. Louisiana, Louisiana: n.p., 2015. Web. *

Journal Editor: Azarderakhsh, Reza, ed. IEEE Transactions on Circuits and Systems I (TCAS-I). NA: IEEE, 2015. Web.

Published Game, Application or Software:

Koziel, Brian, Reza Azarderakhsh, and Mehran Mozaffari Kermani. Low-Resource and Fast Binary Edwards Curves Cryptography. Software. https://github.com/bck6520/BEC_Small. 2015.

Juan Cockburn, Associate Professor

Journal Paper: Rojas, A. J., M. Esterman, and J. C. Cockburn. "Towards the Control of the EP3D Printed Surface." ASME Journal of Manufacturing Science and Engineering. (2015): 1-10. Web. * £

External Scholarly Fellowships/National Review Committee:

9/1/2015 - 6/30/2016

Institute for Mathematics and its Applications, Minneapolis, MN

Amount: 46750 ≠

Dhiresha Kudithipudi, Associate Professor

Journal Paper: Kudithipudi, Dhiresha, Cory Merkel, and A Polepalli. "Semi-Flipped Learning Modules with Educational Design Patterns in Interdisciplinary Brain-Inspired Computing Course." Proceedings of International Journal on Technology and Education. (2015): 0. Print. «

Published Conference Proceedings: Ziyarah, Abdullah and Dhiresha Kudithipudi. "Reconfigurable Hardware Architecture of the Spatial-pooler in Hierarchical Temporal Memory." Proceedings of the IEEE International System on Chip. Ed. IEEE. China, China: n.p., 2015. Print. «

Published Conference Proceedings: Merkel, Cory and Dhiresha Kudithipudi. "Comparison of Off-Chip Training Methods for Neuromemristive Systems." Proceedings of the IEEE VLSI Design (VLSID). Ed. IEEE. Bangalore, India: n.p., 2015. Web. «

Published Conference Proceedings: Merkel, Cory and Dhiresha Kudithipudi. "Unsupervised Learning in Neuromemristive Systems." Proceedings of the IEEE NAECON. Ed. IEEE. Dayton, OH: n.p., 2015. Web. «

Published Conference Proceedings: Kpolo, R and Dhiresha Kudithipudi. "Understanding Support Vector Machines." Proceedings of the Emerging Researchers National (ERN) Conference in STEM. Ed. STEM. Washington, DC: n.p., 2016. Web. «

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Andres Kwasinski, Associate Professor

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Marcin Lukowiak, Associate Professor

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Raymond W Ptucha, Assistant Professor

Published Conference Proceedings: Yousef-hussien, Mohammed and Raymond Ptucha. "Flatbed Scanner Simulation to Analyze the Effect of Detector's Size on Color Artifacts." Proceedings of the Electronic Imaging. Ed. IS&T. San Francisco, CA: n.p., 2015. Print. *

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Andreas Savakis, Professor

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Shanchieh Yang, Associate Professor

Book Chapter: Holsopple, Jared, S. J. Yang, and M. Sudit. "Mission Impact Assessment for Cyber Warfare." Intelligent Methods for Cyber Warfare. Ed. R. R. Yager, M. Z. Reformat, and N. Alajlan. NA, Switzerland: Springer International Publishing, 2015. 239-266. Print. Δ

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ELECTRICAL AND MICROELECTRONIC ENGINEERING

Amitabha Ghosh, Professor

Journal Paper: Pantaleon, Carlos and Amitabha Ghosh. "Taylor Series Expansion Using Matrices: An Implementation in MATLAB." Computers & Fluids 112. (2015): 79 - 82. Print. «

Santosh Kurinec, Professor

Invited Keynote/Presentation: Kurinec, Santosh K. "Advances in Nonvolatile Memory Technologies." IEEE Oregon CPMT/CAS & MTT/ED Chapter Seminar. IEEE Oregon Chapter. Beaverton, OR. 5 Feb. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Kurinec, Santosh K. "Emerging Nonvolatile Memory Technologies & Applications." Portland State University Seminar. Portland State University. Portland, OR. 6 Feb. 2015. Guest Lecture. Δ

Invited Keynote/Presentation: Kurinec, Santosh K. "XRD/TEM/EELS Studies on Memory Device Structures." Frontiers of Characterization & Metrology for Nanoelectronics. The National Institute of Standards and Technology (NIST). Dresden, Germany. 15 Apr. 2015. Conference Presentation. Δ

Published Conference Proceedings: Richer, Santosh Kurinec, Chih Yu Jen, Gaurav Tulsyan, Christiaan. "Terahertz Time-domain Spectroscopy for Characterization of Doping Profiles in Semiconductors." Proceedings of the , Frontiers of Characterization & Metrology for Nanoelectronics. Ed. NIST. Dresden, Germany: NIST, 2015. Web. £

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Mehran Mozaffari Kermani, Assistant Professor

Journal Editor: Kermani, Mehran Mozaffari, ed. IEEE Transactions on Circuits and Systems I. USA: IEEE, 2015. Web. £

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Published Conference Proceedings: Azarderakhsh, M. Mozaffari Kermani and R. "Reliable Hash Trees for Post-quantum Stateless Cryptographic Hash-based Signatures." Proceedings of the Proc. IEEE Int. Symp. Defect and Fault Tolerance in VLSI Systems (DFT). Ed. NA. Amherst, MA: n.p., Web. £

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Eli Saber, Professor

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Andreas Savakis, Professor

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Boutheina K Tlili

Published Conference Proceedings: Tlili, Boutheina, Lamia Tchoketch-Kebir, and Faizullah Sharieff. "719MHz and 1.74 GHz Multiband Microstrip Monopole Antenna For LTE Applications." Proceedings of the EUCAP 2015. Ed. IEEE. Lisbon, Portugal: IEEE Xplore, 2015. Web. *

Published Conference Proceedings: Tlili, Boutheina, Mohammed Faizullah Sharieff, and Lamia Tchoketch Kebir. "Multiband Planar Microstrip Monopole Antenna For LTE Low frequency bands." Proceedings of the Loughborough Antennas and Propagation Conference 2015. Ed. IEEE. US, NY: IEEE, Web. *

Gill Tsouri, Associate Professor

Journal Paper: Dautov, Ruslan and Gill R Tsouri. "Securing While Sampling in Wireless Body Area Networks with Application to Electrocardiography." IEEE Journal of Biomedical and Health Informatics. (2015): 1-7. Print. *

Journal Paper: Tsouri, Gill R and Zheng Li. "On the Benefits of Alternative Color Spaces for Non-contact Heart Rate Measurements Using Standard Red-green-blue Cameras." SPIE Journal of Biomedical Optics. (2015): 1-7. Print. *

Full Patent: Laifenfeld, M. and Gill R Tsouri. "Wireless Data Security Between Vehicle Components." U.S. Patent pending. 2015.

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External Scholarly Fellowships/National Review Committee:

6/1/2015 - 2/28/2016

Google

Amount: \$370,000 ≠

INDUSTRIAL AND SYSTEMS ENGINEERING

Ron Aman, Assistant Professor

Journal Paper: West, Harvey, et al. "Novel Materials and Structures Fabricated by Electron Beam Melting." *Microscopy and Microanalysis* 21. S3 (2015): 461-462. Web. Δ

Journal Paper: Seifi, Mohsen, et al. "Evaluation of Orientation Dependence of Fracture Toughness and Fatigue Crack Propagation Behavior of As-Deposited ARCAM EBM Ti-6Al-4V." *JOM* 67. 3 (2015): 597-607. Web. *

Journal Paper: Manogharan, Guha, et al. "AIMS – A Metal Additive-hybrid Manufacturing System: System Architecture and Attributes." *Procedia Manufacturing* 1. (2015): 273-286. Web. *

Invited Keynote/Presentation: Aman, Ronald. "Metal Additive Manufacturing Overview and Recent Progress." Seminar. Naval Research Laboratory. Washington, District of Columbia. 7 Apr. 2015. Address.

Denis Cormier, Professor

Invited Keynote/Presentation: Cormier, Denis. "Biomedical Applications of 3D Printing." BME Departmental Research Seminar. University of Rochester. Rochester, NY. 1 Apr. 2015. Address.

Invited Keynote/Presentation: Cormier, Denis. "Multifunctional Printing." MAE Departmental Research Seminar. North Carolina State University. Raleigh, NC. 11 Apr. 2015. Address.

Invited Keynote/Presentation: Cormier, Denis. "Multifunctional Printing." ISE Departmental Research Seminar. Pennsylvania State University. State College, PA. 24 Apr. 2015. Address.

Invited Keynote/Presentation: Cormier, Denis. "Medical Applications of 3D Printing." Xerox Research Seminar. Xerox. Webster, NY. 29 Apr. 2015. Address.

Invited Keynote/Presentation: Cormier, Denis. "Novel Applications Using A 3D Printed Thermoplastic Elastomer." Solid Freeform Fabrication Symposium. University of Texas at Austin. Austin, TX. 5 Aug. 2015. Conference Presentation.

Invited Keynote/Presentation: Cormier, Denis. "Multifunctional Printing: Opportunities and Challenges." New Horizons In 3D Printing, Digital and Additive Manufacturing Conference. SUNY Stony Brook. Stony Brook, NY. 29 Sep. 2015. Conference Presentation.

Invited Keynote/Presentation: Cormier, Denis. "Aerosol Jet Ink Stabilization." Aerosol Jet User Group Meeting. Optomec. Hartford, CT. 21 Oct. 2015. Address.

Invited Keynote/Presentation: Cormier, Denis. "Multifunctional 3D Printing." Xerox Research Seminar. Xerox. Webster, NY. 24 Oct. 2015. Address.

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Invited Keynote/Presentation: Cormier, Denis. "Multifunctional Printing." Naval Research Laboratories Research Seminar. Naval Research Laboratories. Washington DC, Washington DC. 14 Nov. 2015. Address.

Invited Keynote/Presentation: Cormier, Denis. "Introduction to 3D Printing." Printed Electronics USA. IDTechEx. Santa Clara, CA. 24 Nov. 2015. Conference Presentation.

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Journal Paper: Yang, Li, et al. "Mechanical Properties of 3D Re-Entrant Honeycomb Auxetic Structures Realized Via Additive Manufacturing." *International Journal of Solids and Structures* 69. (2015): 475-490. Web. *

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Marcos Esterman, Associate Professor

Journal Paper: Takai, Shun, Marcos Esterman, and Ashok Midha. "An Approach to Study Associations Between Design Concepts and Design Outcomes." *Journal of Mechanical Design* 137. 4 (2015): 1-12. Print. £

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Scott Grasman, Professor

Journal Paper: Hewitt, M.R., et al. "Integer Programming Techniques for Solving Non-Linear Workforce Planning Models with Learning." *European Journal of Operational Research* 242. 3 (2015): 942-950. Print. €

Invited Keynote/Presentation: Grasman, S.E., et al. "Department Chair Discussion on Tenure and Promotion." *INFORMS National Meeting. Joint Session of the Junior Faculty Interest Group and Minority Issues Forum*. Philadelphia, PA. 2 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Grasman, S.E., et al. "Flexible Work Structure and Due Dates in Workforce Planning Models with Learning/Forgetting." *IIE Research Conference and Exhibition. Institute of Industrial Engineers*. Nashville, TN. 1 Jun. 2015. Conference Presentation. *

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Michael Kuhl, Professor

Published Conference Proceedings: Kuhl, Michael E., et al. "Relevant Education in Math and Science (REMS): K-12 STEM Outreach Program using Industrial Engineering Applications." Proceedings of the ASEE Conference and Exposition, June 14-17, 2015, Seattle, WA. Ed. Not Listed. Washington, DC: American Society for Engineering Education, 2015. Web. *

Published Conference Proceedings: Tontarski, Clayton and Michael E. Kuhl. "OR Nurse Planning and Scheduling Under Uncertainty." Proceedings of the 2015 Industrial and Systems Engineering Research Conference, May 30-June 2, 2015, Nashville, TN. Ed. S. Cedinkaya and J.K. Ryan. Norcross, GA: Institute of Industrial Engineers, 2015. Web. *

Published Conference Proceedings: Kuhl, Michael E., et al. "Extending K-12 Industrial Engineering Outreach Programs and Accessibility Using Simulation." Proceedings of the 2015 Industrial and Systems Engineering Research Conference, May 30-June 2, 2015, Nashville, TN. Ed. S. Cedinkaya and J.K. Ryan. Norcross, GA: Institute of Industrial Engineers, 2015. Web. *

Published Conference Proceedings: Liu, Ran, et al. "Combined Inversion and Thinning Methods for Simulating Nonstationary Non-Poisson Arrival Processes." Proceedings of the 2015 Winter Simulation Conference, December 6-9, 2015, Huntington Beach, CA. Ed. L. Yilmaz, W.K.V. Chan, I. Moon, T.M.K. Roeder, C. Macal, and M.D. Rossetti. Piscataway, New Jersey: Institute of Electrical and Electronics Engineers, 2015. Web. *

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Katie T McConky

Invited Keynote/Presentation: McConky, Katie, Hector Ortiz-Pena, and Moises Sudit. "A Framework Supporting the Separation of Cognition Performance from Execution Environment." 2015 INFORMS Annual Meeting. INFORMS. Philadelphia, PA. 1 Nov. 2015. Conference Presentation.

Full Patent: McConky, Katie, et al. "System and Method for Remote Activity Detection." U.S. Patent 9098553. 4 Aug. 2015.

Ruben Proano, Assistant Professor

Published Conference Proceedings: Bullard, Joseph, et al. "Inference from Structured and Unstructured Electronic Medical Data for Dementia Detection." Proceedings of the 14th INFORMS Computing Society Conference. Ed. Brian Borchers, J. Paul Brooks, and Laura McLay. Richmond, Virginia: n.p., 2015. Print. «

Rachel T Silvestrini, Associate Professor

Journal Paper: Silvestrini, Rachel T. "Considerations for D-Optimal Sequential Design." *Quality and Reliability Engineering International* 31. (2015): 399-410. Print. «

Journal Paper: Jones, Bradley, et al. "Bridge Designs for Modeling Systems With Low Noise." *Technometrics* 57. 2 (2015): 155-163. Print. «

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Brian Thorn, Associate Professor

Published Conference Proceedings: Thorn, Brian K. and Andres L. Carrano. "Development of a Sustainable Engineering Masters Program: The Path Taken and Lessons Learned." Proceedings of the International Conference on Engineering Education for Sustainable Development, Vancouver, Canada. June, 2015. Ed. Unknown. Vancouver, Canada: n.p., Web. *

Published Conference Proceedings: Bayus, Jacob and Brian K. Thorn. "Environmental Analysis of Aluminum-based High Barrier Flexible Packaging Alternatives." Proceedings of the Industrial and Systems Engineering Research Conference. Nashville, Tenn. May, 2015. Ed. S. Cetinkaya, J.K. Ryan. Nashville, Tenn: n.p., Web. *

Published Conference Proceedings: Warner, Mary and Brian K. Thorn. "Lifecycle Assessment of Four Common Road Deicers." Proceedings of the 2015 Industrial and Systems Engineering Research Conference. Nashville, Tennessee. June, 2015. Ed. S. Cetinkaya, J.K. Ryan. Nashville, Tenn.: n.p., Web. *

MECHANICAL ENGINEERING

Wael Abdel Samad

Published Conference Proceedings: Samad, W. A., et al. "Stress Analysis of a Perforated Asymmetrical Vehicle Cooling Module Structure from Unidirectional DIC Displacement Information." Proceedings of the SEM 2015 Annual Conference & Exposition on Experimental & Applied Mechanics. Ed. Helena Jin, et al. Costa Mesa, CA: Springer, 2016. Print. *

Margaret Bailey, Professor

Journal Paper: Raelin, J. A., et al. "The Role of Work Experience and Self-Efficacy in STEM Student Retention." Journal on Excellence in College Teaching 26. 4 (2015): 29-50. Print. «

Published Conference Proceedings: Mason, Sharon, et al. "AdvanceRIT Connect Grants: Driving Momentum for Disruptive Change for Women STEM Faculty." Proceedings of the 2015 ASEE Annual Conference and Exposition. Ed. ASEE. Seattle, WA: n.p., 2015. Web. «

Published Conference Proceedings: Bailey, Margaret, et al. "Institutional Transformation Guided by a Multi-Frame Organizational Analysis Approach." Proceedings of the 2015 ASEE Annual Conference and Exposition, Seattle, WA. 14-17 June 2015. Ed. ASEE. Seattle, WA: n.p., 2015. Web. «

Stephen Boedo, Professor

Journal Paper: Boedo, S. "Transient Dynamics of the Conformal Elastohydrodynamic Squeeze Film Problem." ASME Journal of Tribology 137. (2015): 041506 (12 pp). Print. * £

Steven Day, Associate Professor

Journal Paper: Myagmar, Oyungerel and Steven W Day. "The Evaluation of Blood Damage in a Left Ventricular Assist Device." Journal of Medical Devices 9. 2 (2015): 20914-1-2. Print. *

Invited Keynote/Presentation: Day, Steven W. and Robert J Stevens. "Contemporary Issues in": A New Course to Address Several Curricular Challenges." American Society of Engineering Education. St. Lawrence Section. ASEE. Syracuse, NY. 17 Apr. 2015. Conference Presentation. £

Journal Paper: Day, Steven W, et al. "Morphology, Kinematics, and Dynamics: The Mechanics of Suction Feeding in Fishes." Integrative and comparative biology 55. 1 (2015): 6-20. Print. *

Journal Paper: Lillie, Jeffrey S., et al. "Pulse Wave Velocity Prediction and Compliance Assessment in Elastic Arterial Segments." Cardiovascular Engineering and Technology 6. 1 (2015): 49-58. Print. *

Full Length Book: Day, Steven W, Shanbao Cheng, and A. David Gomez. Mechanical Bearings for Mechanical Cardiac Assist Devices. : ASME Press / Momentum LLC, 2015. Print. *

Journal Paper: Wassenbergh, Sam Van, et al. "Suction Power Output and the Inertial Cost of Rotating the Neurocranium to Generate Suction in Fish." *Journal of theoretical biology* 372. (2015): 159-167. Print. *

Alfonso Fuentes Aznar

Invited Article/Publication: Fuentes, Alfonso. "Current Trends in Gear Design Technology." *The Rochester Engineer*. (2015). Print. Δ

Journal Paper: Sanchez-Marin, Francisco, et al. "A New Geometrically Adaptive Approach for Tooth Contact Analysis of Gear Drives." *Power Transmission Engineering*. August (2015): 36-40. Print. £

Journal Editor: Fuentes, Alfonso, ed. *Mechanism and Machine Theory*. Amsterdam, Netherlands: Elsevier, 2015. Print. £

Journal Paper: Gonzalez-Perez, I., V. Roda-Casanova, and Alfonso Fuentes. "Modified Geometry of Spur Gear Drives for Compensation of Shaft Deflections." *Meccanica* 50. 7 (2015): 1855-1867. Print. £

Journal Paper: Gonzalez-Perez, I., Alfonso Fuentes, and Ramon Ruiz-Orzaez. "An Approach for Determination of Basic Machine Tool Settings from Blank Data in Face-Hobbed and Face-Milled Hypoid Gears." *Journal of Mechanical Design* 137. 9 (2015): 93303. Print. £

Hany Ghoneim, Professor

Journal Paper: Chanda, A. and Ghoneim H. "Pumping Potential of a Two-layer-ventricle-like Flexible-matrix-composite Structure." *Composite Structures* 122. (2015): 570-575. Print. «

Published Conference Proceedings: Kumar, N., Varela B., and Ghoneim H. "Effective Damping of a Flexible-matrix-composite Laminate with a Negative Effective Poisson's Ratio." *Proceedings of the ASME 2015 International Mechanical Engineering Congress & Exposition*. Ed. George Kardomateas. Texas, Houston: n.p., 2015. Print. «

Amitabha Ghosh, Professor

Journal Paper: Pantaleon, Carlos and Amitabha Ghosh. "Taylor Series Expansion Using Matrices: An Implementation in MATLAB." *Computers and Fluids*. (2015): forthcoming. Web. £

Mario Gomes, Assistant Professor

Invited Keynote/Presentation: Gomes, Mario W. "Nearly Collisionless Motion for an Inertia-Coupled Rimless Wheel (+hardware)." *Dynamic Walking 2015. Dynamic Walking*. Columbus, OH. 21 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Gomes, Mario W. "Tethered Wings for High-Altitude Windpower and Low Pressure-Head Hydropower." *UNC Charlotte (Mechanical Engineering Dept. Seminar). UNC Charlotte (Mechanical Engineering) Chris Vermillion. Charlotte, NC. 2 Apr. 2015. Lecture.*

Journal Paper: Jr., Daniel G. Schuster, et al. "Nonlinear Response and Atability of a 2D Rolling Semi-Cylinder During Optical Lift." *Nonlinear Dynamics* 81. June (2015): 561-575. Print. *

Published Conference Proceedings: Gomes, Mario W. and Konrad Ahlin. "Quiet Nearly Collisionless Walking." *Proceedings of the 2015 IEEE International Conference on Robotics and Automation (ICRA)*. Ed. IEEE. Seattle, WA: n.p., 2015. Web. *

Invited Keynote/Presentation: Gomes, Mario W. "Tethered Wings for High-Altitude Windpower and Low Pressure-Head Hydropower." *Golisano Institute for Sustainability: Graduate Seminar. RIT: GIS. Rochester, NY. 3 Mar. 2015. Lecture.*

Surendra Gupta, Professor

Published Conference Proceedings: Gupta, Surendra K., et al. "Performance of Scholars in the Transfer Pipeline (TiPi) Program." Proceedings of the ASEE St. Lawrence Section Annual Conference. Ed. Tomislav Bujanovic. Syracuse, NY: ASEE St. Lawrence Section, 2015. Web. *

Published Conference Proceedings: Gupta, Surendra K. and Patricia Iglesias Victoria. "Atomic Force Microscopy of Annealed Plain Carbon Steels." Proceedings of the 2015 International Mechanical Engineering Congress & Exposition. Ed. American Society of Mechanical Engineers. Houston, TX: American Society of Mechanical Engineers, 2015. Web. *

Journal Paper: Abdulal, Entesar Al, et al. "Surface Modification of PEN Treated with Ozone and UV Photooxidation." Surface Innovations 4. SI1 (2015): 1-10. Web. *

Patricia Iglesias Victoria, Assistant Professor

Shows/Exhibits/Installations: Iglesias, P. Ionic Liquids as Additives in Gearboxes Lubricants of Wind Turbines. n.d. CEIS University Technology Showcase 2015, Rochester. Exhibit.

Shows/Exhibits/Installations: Iglesias, P. Wear Performance of New Textured Surfaces Created by Modulation Machining". n.d. CEIS University Technology Showcase 2015, Rochester. Exhibit.

Journal Paper: Grace, J., et al. "Ionic Liquids as Additives of Coffee Bean Oil in Steel-Steel Contacts." Lubricants 3. (2015): 637-649. Web. ~

Journal Paper: Ghandhi, R., et al. "Surfaces by Vibration/Modulation-Assisted Texturing for Tribological Applications." Int J Adv Manuf Technol. (2015): 1-12. Web. ~

Published Conference Proceedings: Gupta, S. and P. Iglesias. "Atomic Force Microscopy of Annealed Plain Carbon Steels." Proceedings of the ASME 2015 International Mechanical Engineering Congress and Exposition. Ed. American Society of Mechanical Engineers. Houston, Tx: ASME, Web. ~

Published Conference Proceedings: Curtin, P., S. Constantinides, and P. Iglesias. "Fracture Toughness of Samarium Cobalt Magnets." Proceedings of the ASME 2015 International Mechanical Engineering Congress and Exposition. Ed. American Society of Mechanical Engineers. Houston, Tx: ASME, Web. ~

Published Conference Proceedings: Ochs, E. and P. Iglesias. "Graduation Design Project: Designing and Building a Pin-on-Disk Tribometer." Proceedings of the ASME 2015 International Mechanical Engineering Congress and Exposition. Ed. American Society of Mechanical Engineers. Houston, TX: ASME, Web. ~

Published Conference Proceedings: Iglesias, P., G. Behm, and T. Oh. "Intelligent Mobility Cane for People Who are Blind and Deaf-Blind: A Multidisciplinary Design Project that Assists People with Disabilities." Proceedings of the ASME 2015 International Mechanical Engineering Congress and Exposition. Ed. American Society of Mechanical Engineers. Houston, Tx: Web. ~

Published Conference Proceedings: Iglesias, P. and K.B. McNabb. "Improving Wear Performance of Wind Turbine Gearboxes Using Ionic Liquids as Additives of Lubricants." Proceedings of the IberTrib 2015. VIII Iberian Conference on Tribology. Ed. M.D. Bermudez. Cartagena, Murcia (Spain): Polytechnic University of Cartagena, Print. ~

Published Conference Proceedings: Iglesias, P., et al. "Tribological Properties of Plunging-Type Textured Surfaces Produced by Modulation-Assisted Machining." Proceedings of the IberTrib 2015. VIII Iberian Conference on Tribology. Ed. M.D. Bermudez. Cartagena, Murcia (Spain): Polytechnic University of Cartagena, Print. ~

Published Conference Proceedings: M.J.Schertzer, , et al. "Recent Developments in Engineering Measurements Lab." Proceedings of the 122nd ASEE Annual Conference & Exposition. Ed. American Society for Engineering Education. Seattle, WA: ASEE, Web. *

Invited Keynote/Presentation: Sebastian, D., et al. "Tribological Properties of Textured Surfaces Created by Modulation Assisted Machining (MAM)." STLE 2015 70th Annual Meeting and Exhibition of Society of Tribologists and Lubrication Engineers. STLE. Dallas, Tx. 18 May 2015. Conference Presentation. ~

Invited Keynote/Presentation: Mc.Nabb, K.B., D.Sebastian, and P. Iglesias. "Developing New Lubricants for Wind Turbine Gearboxes." STLE 2015 70th Annual Meeting and Exhibition of Society of Tribologists and Lubrication Engineers. Society of Tribologist and Lubrication Engineers. Dallas, Tx. 20 May 2015. Conference Presentation. ~

Shows/Exhibits/Installations: Iglesias, P. Ionic Liquids as Additives in Gearboxes Lubricants of Wind Turbines. 14 Apr. 2015. 20th International Conference on Wear of Materials, Toronto. Exhibit. ~

Shows/Exhibits/Installations: Iglesias, P. Wear Performance of New Textured Surfaces created by Modulation Machining. By D. Sebastian and C. Saldana. 15 Apr. 2015. 20th International Conference on Wear of Materials, Toronto. Exhibit. ~

Shows/Exhibits/Installations: Oh, T. Intelligent Mobility Cane Prototype with Navigation for People who are Blind and Deafblind. By P. Iglesias, et al. 10 Nov. 2015. Third Annual Effective Access Technology Conference, Rochester. Exhibit. ~

Ghalib Kahwaji

Journal Paper: Kahwaji, Ghalib Y. and Omar M. Ali. "Numerical Investigation Of Natural Convection Heat Transfer from Square Cylinder In An Enclosed Enclosure Filled With Nanofluids." IJMECH 4. Nov (2015): 1 - 17. Print. Δ

Invited Keynote/Presentation: Kahwaji, Ghalib. "The Performance Of A Hydrocarbon Mixture Refrigerant As A Substitute For R22." Non-HFC cold chain food and energy security. United Nations OEWG Meeting of the parties to the Montreal Protocol. Dubai, Dubai. 4 Nov. 2015. Conference Presentation.

Invited Keynote/Presentation: Kahwaji, Ghalib and Omar M Ali. "Numerical Investigation Of Natural Convection Heat Transfer from Square Cylinder In An Enclosed Enclosure Filled With Nanofluids." Third International Conference on Mechanical Engineering. ICAITA. Dubai, Dubai. 6 Nov. 2015. Conference Presentation. £

Satish Kandlikar, Professor

Journal Paper: Xu, Jinliang, et al. "Editorial: Special issue for the International Heat Transfer Symposium (IHTS2014)." Applied Thermal Engineering 88. (2015): 1. Web. *

Journal Paper: Kandlikar, Satish G and Mihir M Shah. "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. Print. *

Journal Paper: Kandlikar, Satish G and Ankit Kalani. "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. Print. *

Journal Paper: Kandlikar, Satish G and Arvind Jaikumar. "Enhanced Pool Boiling Heat Transfer Mechanisms for Selectively Sintered Open Microchannels." International Journal of Heat and Mass Transfer 88. (2015): 652-661. Print. *

Journal Paper: Lorenzini-Gutierrez, Daniel, et al. "Residence Time of Water Film and Slug Flow Features in Fuel Cell Gas Channels and their Effect on Instantaneous Area Coverage Ratio." Journal of Power Sources 279. (2015): 567-580. Print. *

Journal Paper: Banerjee, Rupak and Satish G Kandlikar. "Two-phase Flow and Thermal Transients in Proton Exchange Membrane Fuel Cells – A Critical Review." *International Journal of Hydrogen Energy* 40. 10 (2015): 3990-4010. Print. *

Journal Paper: Koz, Mustafa and Satish G Kandlikar. "Interfacial Oxygen Transport Resistance in a Proton Exchange Membrane Fuel Cell Air Channel with an Array of Water Droplets." *International Journal of Heat and Mass Transfer* 80. (2015): 180-191. Print. *

Journal Paper: Kandlikar, Satish G, Evan J See, and Rupak Banerjee. "Modeling Two-Phase Pressure Drop along PEM Fuel Cell Reactant Channels." *Journal of The Electrochemical Society* 162. 7 (2015): F772-F782. Print. *

Journal Paper: Kandlikar, Satish G and Arvind Jaikumar. "Enhanced Pool Boiling for Electronics Cooling Using Porous Fin Tops on Open Microchannels with FC-87." *Applied Thermal Engineering* 91. (2015): 426-433. Print. *

Journal Paper: Kandlikar, Satish G and Ankit Kalani. "Combining Liquid Inertia with Pressure Recovery from Bubble Expansion for Enhanced Flow Boiling." *Applied Physics Letters* 107. (2015): doi: 10.1063/1.4935211. Web. *

Journal Paper: Kandlikar, Satish G, et al. "Electrochemical Deposition of Copper on Graphene with A High Heat Transfer Coefficient." *ECS Transactions* 66. 30 (2015): 55-64. Print. *

Kate N Leipold

Published Conference Proceedings: Leipold, Kate, Patricia Iglesias Victoria, and Michael Schertzer. "Recent Developments in Engineering Measurements Lab." *Proceedings of the ASEE Annual Conference and Exposition June 14 - 17, 2015 Seattle, WA*. Ed. None. Seattle, Wa: ASEE, 2015. Web. * Δ

Rui Liu, Visiting Assistant Professor

Journal Paper: Melkote, Shreyes N., et al. "A Physically Based Constitutive Model for Simulation of Segmented Chip Formation in Orthogonal Cutting of Commercially Pure Titanium." *CIRP Annals - Manufacturing Technology* 64. 1 (2015): 65–68. Web. *

Risa Robinson, Professor

Journal Paper: Robinson, Risa, et al. "Electronic Cigarette Topography in the Natural Environment to Quantify User-Specific Emissions." *PLOS One* 10. 6 (2015): 1371. Web. *

Journal Paper: Robinson, Risa, Todd Pagano, and M.R. Bida. "Laboratory Activity for the Determination of Nicotine in Electronic Cigarette Liquids using Gas Chromatography-Mass Spectrometry." *Journal of Laboratory Chemical Education* 3. 3 (2015): 37-43. Print. *

Journal Paper: Robinson, Risa, et al. "Vapors Produced by Electronic Cigarettes and E-Juices with Flavorings Induce Toxicity, Oxidative Stress, and Inflammatory Response in Lung Epithelial Cells and in Mouse Lung." *PLOS One*. (2015): 1371. Web. *

Journal Paper: Lerner, C.A., et al. "Environmental Health Hazards of e-Cigarettes: Oxidants and Copper in E-cigarette Aerosols." *Environmental pollution*. (2015): 100-107. Print. *

Benjamin Varela, Associate Professor

Published Conference Proceedings: Ellis, Kathleen, et al. "Durability of Alkali Activated Blast Furnace Slag." *Proceedings of the 2nd International Conference on Innovative Materials, Structures and Technologies*. Ed. Diana Bajare. Riga, Latvia: IOP Conf. Series: Materials Science and Engineering 96 (2015) 012004, 2015. Web. *

Published Conference Proceedings: Matheu, Pablo Santizo, Kathleen Ellis, and Benjamin Varela. "Comparing the Environmental Impacts of Alkali Activated Mortar and Traditional Portland Cement Mortar using Life Cycle Assessment." Proceedings of the 2nd International Conference on Innovative Materials, Structures and Technologies. Ed. Diana Bajare. Riga, Latvia: IOP Conf. Series: Materials Science and Engineering 96 (2015) 012080, 2015. Web. *

Published Conference Proceedings: Parfilko, Yevgeniy and Benjamin Varela. "Simulating Debris Impacts into Tornado Saferooms with Ls-Dyna." Proceedings of the 25th Canadian Congress of Applied Mechanics (CANCAM 2015) ISBN 978-0-7714-3083-15). Ed. J.M. Floryan. London, Canada, ON: Department of Mechanical and Materials Engineering Western University, 2015. Print. *

Published Conference Proceedings: Kumar, Nireen Pallegonde, Benjamin Varela, and Hany Ghoneim. "Effective Damping of a Flexible-matrix-composite Laminate with a Negative Effective Poisson's Ratio." Proceedings of the ASME International Mechanical Engineering Congress & Exposition IMECE2105. Ed. unknown. Houston, TX: ASME, 2015. Web. £

P Venkataraman, Associate Professor

Published Conference Proceedings: Venkataraman, P. "DETC2015-46177: Analytical Solution for Laminar Flow over a Backward Step." Proceedings of the 35th Computers and Information in Engineering Conference. Ed. ASME. Boston, MA: ASME, Print. «

Wayne Walter, Professor

Journal Paper: Williams, Matthew R. and Wayne W. Walter. "Development of a Prototype Over-Actuated Biomimetic Prosthetic Hand." PLOS ONE. (2015): ***. Web. £

MICROSYSTEMS ENGINEERING

Parsian Katal Mohseni

Journal Paper: Liu, Runyu, et al. "Enhanced Optical Transmission through MacEtch-Fabricated Buried Metal Gratings." Advanced Materials. (2015): Not listed at time of submission. Web. *

Invited Keynote/Presentation: Mohseni, Parsian K. "Solar Cells and Light Emitting Diodes via Wafer-Scale Monolithic Integration of III-V Semiconductor Nanowire Arrays on Si and Graphene." 39th IEEE EDS Activities in Western New York Conference. IEEE. Rochester, NY. 6 Nov. 2015. Conference Presentation.

Zhaolin Lu, Associate Professor

Journal Paper: Shi, Kaifeng and Zhaolin Lu. "Optical Modulators and Beam Steering Based on Electrically Tunable Plasmonic Material." Journal of Nanophotonics 9. 1 (2015): 093793-093793. Print. *

Journal Paper: Lu, Kaifeng Shi, Riaz R Haque, Ling-Feng Mao, Zhaolin. "Graphene-sandwiched Silicon Structures for Greatly Enhanced Unpolarized Light Absorption." Optics Communications 339. (2015): 47-52. Print. *

ACADEMIC AFFAIRS

Marianne Gustafson, Professor

Uninvited Presentations: Gustafson, Marianne, Larry Scott, and Ronald Kelly. "Changes in Self-Ratings on L/CBQ." Scholarship Symposium. NTID/RIT. Rochester, NY. 28 May 2015. Conference Presentation. ~

Geoff Poor, Professor

Published Game, Application or Software: Poor, G., C. Oulette, and Mascioletti. STEM Signs Dictionary: Lab Sciences. Software. National Technical Institute for the Deaf, DeafTEC. 2015. ≠

Kathryn Schmitz, Associate Professor

Uninvited Presentations: Kelly, Ronald R., Kathryn L. Schmitz, and Gerald Berent. "Deaf and Hearing Second Language Learner Parallels in the Acquisition of English Verbs Exhibiting Dative, Benefactive, and Locative Alternations." American Association for Applied Linguistics Annual Conference. American Association for Applied Linguistics. Toronto, Canada. 22 Mar. 2015. Conference Presentation. * £

Uninvited Presentations: Berent, Gerald, Ronald Kelly, and Kathryn Schmitz. "Investigating Deaf College Students Knowledge of English Verb Properties." 2015 NTID Scholarship Symposium. National Technical Institute for the Deaf. Rochester, New York. 28 May 2015. Poster Session.

Published Conference Proceedings: Berent, Gerald, Ronald Kelly, and Kathryn Schmitz. "Deaf Students Acquisition of Diverse Lexical Properties of English Verbs: New Guidance for English Teaching, Learning, and Assessment." Proceedings of the The 22nd International Congress on the Education of the Deaf. Ed. Deaf Studies Unit, University of Patras. Athens, Greece: n.p., 2015. Web. *

Published Review: Schmitz, Kathryn L. "New Framework for Research Efforts." Rev. of Deaf Students and the Qualitative Similarity Hypothesis: Understanding Language and Literacy Development, by Peter V. Paul, Ye Wang, and Cheri Williams. Journal of Deaf Studies and Deaf Education Dec. 2015: 1. Web. *

AMERICAN SIGN LANGUAGE AND INTERPRETING EDUCATION

Kim Kurz, Assistant Professor

Grants: Savakis, A., et al (2015-2017). Guided Learning for American Sign Language Acquisition. Grant proposal submitted to Cyberlearning, National Science Foundation. ≠

Journal Paper: Hauser, Peter, et al. "American Sign Language Comprehension Test: A Tool for Sign Language Researchers." Journal of Deaf Studies and Deaf Education. (2015): doi: 10.1093/deafed/env051. Web. *

Book Chapter: Ashton, Glenna, et al. "Standards for Learning American Sign Language in the 21st Century." World-Readiness Standards for Learning Languages. Alexandria, VA: National Standards Collaboration Board, 2015. Web. «

Published Conference Proceedings: Kurz, Christopher and Kim Kurz. "Deaf Faculty Perspectives: Doctoral Study Experience." Proceedings of the Deaf Studies Today! National Conference. Ed. Brian Eldredge, et al. Orem, UT: Utah Valley University, 2015. Print. *

Journal Paper: Kurz, Kim, Peter Hauser, and Jason Listman. "Work-Related Resilience: Deaf Professionals Perspectives." JADARA. (2015): doi:. Web. *

FEATURED FACULTY

RAJA S. KUSHALNAGAR ASSISTANT PROFESSOR IN THE SCIENCE AND MATHEMATICS DEPARTMENT AT NATIONAL TECHNICAL INSTITUTE FOR THE DEAF, FOCUSES ON ACCESSIBLE COMPUTING RESEARCH FOR PEOPLE WITH SENSORY DIFFERENCES.

Accessible computing investigates the use of computing systems and devices and their use by persons with disabilities. Personal computing devices have become pervasive, essential tools for consumers within a decade. The use and interaction with these devices poses both opportunities and challenges for people with sensory differences, including those with age related differences in hearing and vision. These personal computing devices have the potential to foster inclusiveness in daily life by assisting people with sensory differences via accessible interfaces and interaction, for example through speech-to-text or wayfinding applications. Dr. Kushalnagar's research focuses on two issues: first, identifying how people with sensory disabilities use typical computing devices and the challenges in using these devices, and second, in addressing these challenges by developing accessible personal computing devices.

Dr. Kushalnagar's findings in how people with sensory differences perceive and use devices and programs has led to design guidelines to make products more inclusive. For instance, deaf student viewers prefer few lines inset into the video, while hearing student viewers prefer more lines, next to the video. He is passionate in mentoring NTID supported students by involving them in his research as researchers, developers and consumers in accessible computing research projects. The projects provide a hands-on, applied research environment, similar to modern corporate research lab environments, in that the students analyze and solve real-world accessibility challenges in an interdisciplinary and team-oriented setting. The students also broaden their research perspectives by immersing themselves in a diverse ability environment, by bringing together students and mentors with and without sensory differences. Dr. Kushalnagar has supervised over 40 students, on research projects ranging from optimizing use of speech-to-text applications for hard of hearing consumers, or development of closed interpreting interfaces for deaf signers. He has also served as an accessibility chair on several conferences, and has led multiple captioning challenges to provide evaluation and validation of captioning research projects in the wild.

RAJA KUSHALNAGAR
ASSISTANT PROFESSOR
SCIENCE AND MATHEMATICS
NATIONAL TECHNICAL INSTITUTE FOR THE DEAF





Journal Paper: Kurz, Kim, Brenda Schick, and Peter Hauser. "Deaf Children's Science Content Learning in Direct Instruction Versus Interpreted Instruction." *Journal of Science Education for Students with Disabilities* 18. 1 (2015): <http://scholarworks.rit.edu/jsesd/vol18/iss1/5>. Web. *

Invited Keynote/Presentation: Kurz, Kim and Jason Listman. "Deaf Professionals Resilience: A Qualitative Study." Educational Support Service Personnel. ESSP. Corning, NY. 13 Nov. 2015. Address. Δ

Invited Keynote/Presentation: Kurz, Kim, Jason Listman, and Peter Hauser. "Deaf Professionals Resilience: A Qualitative Study." ADARA National Conference. ADARA. Rochester, NY. 23 Apr. 2015. Conference Presentation. *

Invited Keynote/Presentation: Kurz, Kim, Christopher Kurz, and Cynthia Sanders. "Sign language Teachers of the Deaf: Current Trends and Issues in Curriculum, Instruction and Research." 22nd International Congress on the Education of the Deaf. ICED. Athens, Greece. 7 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Kurz, Kim, Peter Hauser, and Jason Listman. "Impact of Internalizing Audism on Deaf Students' Resilience." 22nd International Congress on the Education of the Deaf. ICED. Athens, Greece. 10 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Kurz, Kim. "Implications of American Sign Language education." The Eighth National Professional Development American Sign Language Teachers Association (ASLTA) Conference. ASLTA. Minneapolis, MN. 26 Jun. 2015. Conference Presentation. *

Invited Keynote/Presentation: Kurz, Kim. "Sign Language education." The Eighth National Professional Development American Sign Language Teachers Association (ASLTA) Conference. ASLTA. Minneapolis, MN. 24 Jun. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Kurz, Kim. "Impact of Internalizing Audism on Deaf Students' Resilience." Deaf Studies Department at California State University, Northridge. CSUN. Northridge, CA. 10 Feb. 2015. Lecture. Δ

Jason D Listman, Assistant Professor

Invited Keynote/Presentation: Kurz, Kim, Jason D. Listman, and Peter Hauser. "Deaf Professionals Resilience: A Qualitative Study." ADARA. ADARA. Rochester, New York. 23 Apr. 2015. Conference Presentation. Δ

Invited Keynote/Presentation: Kurz, Kim, Jason D. Listman, and Peter Hauser. "Deaf Professionals Resilience: A Qualitative Study." Educational Support Service Personnel. ESSP. Corning, NY. 13 Nov. 2015. Conference Presentation. Δ

Published Review: Listman, Jason D. "Embracing the Value of Deaf Interpreting at Work." *Rev. of Deaf Interpreters at Work: International Insights*, by Adam R. Stone, Steven D. Collins, and Melanie Metzger. *Embracing the Value of Deaf Interpreting at Work* 24 Aug. 2015: 1. Web. ~

Invited Keynote/Presentation: Kurz, Kim B., Peter C. Hauser, and Jason D. Listman. "Impact of Internalizing Audism on Deaf Students' Resilience." 22nd International Congress on the Education of the Deaf. International Congress on the Education of the Deaf (ICED). Athens, Greece. 7 Jul. 2015. Conference Presentation. Δ

Campbell A McDermid, Assistant Professor

Invited Keynote/Presentation: McDermid, Campbell and Anita Harding. "Different But Equal Systems of Implying and Inferring: The Case of Deaf and Hearing Language Users." International Congress on Education of the Deaf. University of Patras. Athens, Greece. 8 Jul. 2015. Conference Presentation. * Δ

Invited Keynote/Presentation: McDermid, Campbell and Anita Harding. "Translating Between ISL and English: A Multi-dimensional Model of Meaning." Human Rights: Where do Interpreters Fit in? World Association of Sign Language Interpreters. Istanbul, Turkey. 23 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: McDermid, Campbell, et al. "Human Rights for Deaf People: The Impact of Groupthink Within Interpreter Cohorts." Human Rights: Where do interpreters fit in? World Association of Sign Language Interpreters. Istanbul, Turkey. 24 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: McDermid, Campbell. "Paraphrasing While Interpreting in Educational Settings." Making a Difference in Schools. California Educators of the Deaf and Hard of Hearing. Long Beach, California. 7 Mar. 2015. Conference Presentation. *

ART AND IMAGING STUDIES

Paula Grcevic, Professor

Shows/Exhibits/Installations: Grcevic, Paula. Wanderer. Mar. 2015. The Sketchbook Project 2015 World Tour, Brooklyn. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Fiber Arts and Watercolor Paintings. 4-9 Aug. 2015. Juried Crafts in the Michigan Womyn's Music Festival, Hart. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Mussel Shells and Lemons. 2 Feb. 2015. Dyer Arts Center, National Technical Institute for the Deaf, Rochester. Exhibit.

ASLIE - RESEARCH

Robyn D Dean

Dissertation/Thesis: Dean, Robyn K. "Sign language interpreters' Ethical Discourse and Moral Reasoning Patterns." Diss. Heriot-Watt University, 2015. Print. ≠

Invited Keynote/Presentation: Dean, Robyn K. "Condemned to Repetition? An Analysis of Problem-setting and Problem-solving in Sign Language Interpreting Ethics." Registry of Interpreters for the Deaf National Conference. Registry of Interpreters for the Deaf. New Orleans, LA. 9 Aug. 2015. Conference Presentation. £

Invited Keynote/Presentation: Dean, Robyn K. "Revealing our Knowledge-in-action: Situated and Reflective Practice Techniques for Medical Interpreters." Healthcare Symposium. National Consortium of Interpreter Education Centers. St. Paul, MN. 5 Jun. 2015. Address. Δ

Invited Keynote/Presentation: Dean, Robyn K. "A Member of the Healthcare Team: Transforming the Descriptive Ethics of Medical Interpreting to Collaborative Values." Healthcare Symposium. National Consortium of Interpreter Education Centers. St. Paul, MN. 5 Jun. 2015. Address. Δ

Invited Keynote/Presentation: Dean, Robyn K. "What we do Well and Where we get Stuck: Case Analysis and the Development of Moral Sensitivity." Healthcare Symposium. National Consortium of Interpreter Education Centers. St. Paul, MN. 5 Jun. 2015. Address. Δ

Invited Keynote/Presentation: Dean, Robyn K. "From "Do Nothing" to "Do no Harm": Collaborative Values in Medical Interpreting." Registry of Interpreters for the Deaf National Conference. Registry of Interpreters for the Deaf. New Orleans, LA. 10 Aug. 2015. Conference Presentation. * £

BUSINESS STUDIES

Tracy H Magin, Senior Lecturer

Uninvited Presentations: Magin, Tracy, et al. "E-Portfolios with Acrobat Pro XI." Annual Conference 2015. National Business Educators Association. Chicago, Illinois. 1 Apr. 2015. Conference Presentation.

Charlotte L Thoms, Associate Professor

Book Chapter: Thoms, Charlotte LV and Sharon L Burton. "Understanding the Impact of Inclusion in Disability Studies Education." "Impact of Diversity on Organization and Career Development." Ed. Clareth Hughes. Hershey, Pennsylvania: igi-global, 2015. 186-213. Print. «

Book Chapter: Thoms, Charlotte LV and Sharon L. Burgon. "The Impact of Inclusion in Disability Studies Education." Impact of Diversity on Organization and Career Development. Ed. Clareth Hughes. Hershey, PA: igi Global, 2015. 186-213. Print. «

COMMUNICATION STUDIES AND SERVICES

Catherine Clark, Associate Professor

Uninvited Presentations: Clark, Catherine and Carol De Filippo. "Cochlear Implant Training with Fading Visual Cues for Prelingually Deaf Adults." Audiology NOW. American Academy of Audiology Conference. San Antonio, TX. 25 Mar. 2015. Poster Session. *

Uninvited Presentations: Clark, Catherine, et al. "Cultural Sensitivity & Sustainability: Challenges With a Service Learning Experience With Deaf Children in Ethiopia." American Speech-Language Hearing Association Convention. ASHA. Denver, CO. 14 Nov. 2015. Poster Session. *

Linda Gottermeier, Associate Professor

Grants: Gottermeier, Linda, Bryan Hensel, and Nisha Cerame (2015-2016). Refurbishing of the NTID Audiology Center. Grant received/funded by Daisy Marquis Jones, Daisy Marquis Jones. ≠

Uninvited Presentations: Bastian, Bonnie and Linda Gottermeier. "App-licable Resources to Bridge Communication for Deaf and Hearing Persons." New York State Speech Language Hearing Association. New York State Speech Language Hearing Association. Rochester, NY. 24 Apr. 2015. Conference Presentation. *

Uninvited Presentations: Gottermeier, Linda, et al. "Automatic Speech Recognition Systems as Tools to Enhance Spoken Communication in the Classroom." NYSETA. National Technical Institute for the Deaf. Rochester, NY. 22 Oct. 2015. Conference Presentation. ~

Journal Paper: Gottermeier, Linda, et al. "User Evaluation of Speech Recognition Systmes for Deaf-Hearing Interactions at School and Work." Audiology Today. March/Aprinl (2016): 1-12. Print. *

Uninvited Presentations: Gottermeier, Linda, Bonnie Bastian, and Raja Kushalnagar. "App-licable Networking for Enhanced Communication Access." NTID Tech Symposium. National Technical Institute for the Deaf. Rochester, NY. 28 May 2015. Conference Presentation. ~

Uninvited Presentations: Gottermeier, Linda, et al. "Automatic Speech Recognition Systems as Tools to Enhance Spoken Communication in the Classroom." Spoken Communication Strategies and Techniques. National Technical Institute for the Deaf. Rochester, NY. 23 Oct. 2015. Lecture. ~

Grants: Gottermeier, Linda (2015-2016). ReSound Gives Sound. Grant received/funded by ReSound North America, ReSound North America. ~

Grants: Gottermeier, Linda (2015-2016). Oticon People First Research. Grant received/funded by Oticon USA, Oticon USA. ≠

Uninvited Presentations: Gottermeier, Linda and Bonnie Bastian. "App-licable Trials of Communication Bridging Apps." Effective Access Technology Conference. RIT/AI Sigl. Rochester, NY. 10 Nov. 2015. Poster Session. ~

Grants: Gottermeier, Linda (2015-2016). ReSound Gives Sound. Grant received/funded by ReSound North America, ReSound North America. ≠

Uninvited Presentations: Gottermeier, Linda and Bonnie Bastian. "Evaluative Trials with Communication-Bridging Applications for Deaf and Hard-of-Hearing Users." UNYTE Scientific Session. UNYTE. Rochester, NY. 3 Dec. 2015. Poster Session. ~

Uninvited Presentations: Gottermeier, Linda, et al. "Automatic Speech Recognition Systems as Tools to Enhance Spoken Communication in the Workplace." NTID Tech Symposium. NTID. Rochester, NY. 21 Jan. 2016. Poster Session. ~

Internal Reports/Manuscripts/Articles: Gottermeier, Linda and Christopher Taylor Edwards. "Crafting Access" [NTID]. Rochester: NTID Tech Symposium, 21 Jan. 2016. Print. ~

Journal Paper: Gottermeier, Linda, Carol DeFilippo, and Catherine Clark. "Trials of a Contralateral Hearing Aid after Long-Term Unilateral CI Use in Early-Onset Deafness." *American Journal of Audiology* March. (2016): 100-125. Print. *

CULTURAL AND CREATIVE STUDIES

Erin Auble, Lecturer

Shows/Exhibits/Installations: Auble, Erin. "Seasons". Chor. Thomas Warfield. 5-8 Nov. 2015. Panara Theatre, Rochester, New York. Performance.

Joseph Bochner, Professor

Journal Paper: J., Bochner,, Garrison, W., and Doherty, K. "The NTID Speech Recognition Test." *International Journal of Audiology* 54. 7 (2015): 490-498. Print. *

Journal Paper: W., Garrison, and Bochner, J. "Applications of the NTID Speech Recognition Test (NSRT)." *International Journal of Audiology*. early online (2015): 1-10. Web. *

Journal Paper: J., Bochner,, et al. "Validity of the American Sign Language Discrimination Test." *Language Testing*. online (2015): 1023. Web. *

Book Chapter: J., Bochner, and Kelstone, A. "Phonological Knowledge and the Development of Language and Literacy Skills in Deaf Learners." *The Oxford Handbook of Deaf Studies in Language: Research, Policy, and Practice*. Ed. M. Marschark and P. Spencer. New York, NY: Oxford University Press, 2015. 393-406. Print. Δ

Provisional Patent: J., Bochner, and Garrison, W.. "Method for Determining Hearing Thresholds in the Absence of Pure-Tone Testing." Patent pending. 2016.

Patricia A Durr, Associate Professor

Shows/Exhibits/Installations: Durr, Patti. me as small d. 12 Aug. 2015. Pepco Edison Place Gallery, Washington, DC. Exhibit. £

Shows/Exhibits/Installations: Durr, Patti. The Strain of. 12 Aug. 2015. Pepco Edison Place Gallery, Washington, DC. Exhibit. £

Published Conference Proceedings: Karen, Christie, and Patricia Durr. "The HeART of Deaf Culture: Visual and Literary Arts of Deafhood." *Proceedings of the Deaf Studies Today* April 8-12, 2008 Utah Valley University. Ed. Eldredge, Stringham, Fleischer, Morton. Orem, Utah: n.p., 2015. Print.

Published Conference Proceedings: Durr, Patricia. "Visual Histories: Recording, Preserving and Disseminating and Analyzing Deaf Stories." *Proceedings of the Deaf Studies Today* April 8-12, 2008 Utah Valley University. Ed. Eldredge, Stringham, Fleischer, Morton. Orem, UT: n.p., 2015. Print.

Aaron W Kelstone, Senior Lecturer

Published Conference Proceedings: Behm, Gary W., et al. "Enhancing Accessibility of Engineering Lectures for Deaf and Hard of Hearing (DHH): Real-Time Tracking Text Displays (RTTD) in Classrooms." *Proceedings of the American Society of Engineering Education*, Seattle, WA. Ed. N/A. Seattle, WA: ASEE, 2015. Print. *

Published Conference Proceedings: Kushalnagar, Raja S., et al. "Tracked Speech-To-Text Display: Enhancing Accessibility and Readability of Speech-To-Text." Proceedings of the ACM SIGACCESS Accessibility and Computing. Ed. N/A. Lisbon, Spain: ACM, 2015. Print. *

Book Chapter: Bochner, Joseph H. and Aaron W. Kelstone. "Phonological Knowledge and the Development of Language and Literacy Skills in Deaf Learners." The Oxford Handbook of Deaf Studies in Language. Oxford, England: Oxford University Press, 2015. 393-405. Print. Δ

Deirdre Schlehofer, Assistant Professor

Uninvited Presentations: Schlehofer, Deirdre. "Feminism in the Deaf World." American Sign Language (ASL) Club/Deaf Awareness Week. University of Rochester. Rochester, NY. 23 Apr. 2015. Lecture.

Uninvited Presentations: Conama, John Bosco, et al. "The Role of Deaf Scholarship in Deaf Activism and Deaf Politics." Panel on Deaf Politics: 7th International Deaf Academics and Researchers Conference. Deaf Academics/University of Leuven. Leuven, BELGIUM. 7 Feb. 2015. Lecture.

Grants: Schlehofer, Deirdre, et al (2014-2016). Health Literacy of Deaf and Hearing Female Students: A Qualitative Study. Grant received/funded by Scholarship Professional Development Initiatives (SPDI), NTID.

Published Review: Schlehofer, Deirdre. "A long-awaited Historical Linguistics Research Sheds New Light on Early ASL." Rev. of Journal of Deaf Studies and Deaf Education, ed. Ronald Kelly. Sign Language Archaeology: Understanding the historical roots of American Sign Language 25 Sep. 2015: 1. Print. £

Uninvited Presentations: Schlehofer, Deirdre. "Valli's Hands" in American Sign Language." Understanding American Sign Language (ASL) Literature as Part of a Minority Study Program: 130th Modern Language Association (MLA) Annual Convention. MLA. Vancouver, BRITISH COLUMBIA. 10 Jan. 2015. Conference Presentation. £

Uninvited Presentations: Binggeli, Tatjana, Denise Thew Hackett, and Deirdre Schlehofer. "Health Disparities in Deaf Communities: Achieving Health Equity Beyond 2015." XVII World Congress of the World Federation of the Deaf. WFD. Istanbul, TURKEY. 31 Jul. 2015. Conference Presentation. £

Invited Keynote/Presentation: Schlehofer, Deirdre. "Health Disparities Among Deaf Sign Language Users in the US: Why is this Study Important?" 54th Biennial Wisconsin Deaf Association (WAD) Conference "The Difference is You". WAD. Milwaukee, WI. 19 Jun. 2015. Conference Presentation.

Uninvited Presentations: Schlehofer, Deirdre. "Human Rights and Global Health for Deaf Women." 7th International Deaf Academics and Researchers Conference. University of Leuven. Leuven, BELGIUM. 7 Feb. 2015. Conference Presentation. £

Uninvited Presentations: Schlehofer, Deirdre. "Health Rights for and by Deaf and Hard-of-Hearing Women." 54th Biennial Wisconsin Association of the Deaf (WAD) Conference "The Difference is You". WAD. Milwaukee, WI. 20 Jun. 2015. Conference Presentation.

J Matt Searls, Associate Professor

Invited Keynote/Presentation: Searls, J. Matt and Michael Stinson. "Deaf University Student's Cultural Identity and Participation in a Deaf Studies Course." 22nd International Congress of the Education of the Deaf. Deaf Studies Unit University of Patras. Athens, Greece. 6 Jul. 2015. Conference Presentation. Δ

Journal Paper: Bochner, Joseph H., et al. "Validity of the American Sign Language Discrimination Test." *Language Testing*. (2015): 1-23. Web. *

ENGINEERING STUDIES

Pamela M Berkeley

Published Conference Proceedings: Berkeley, Pamela, Phil Haves, and Erik Kolderup. "The Effect of Modeler Decisions on Simulation Uncertainty: Some Implications for User Interface Design." *Proceedings of the 14th International Conference of the International Building Performance Simulation Association*. Ed. Vishal Garg. Hyderabad, India: n.p., Web. «

LIBERAL STUDIES

Gerald Berent, Professor

Published Conference Proceedings: Berent, Gerald P., Ronald R. Kelly, and Kathryn L. Schmitz. "Deaf students' Acquisition of Diverse Lexical Properties of English Verbs: New Guidance for English Teaching, Learning, and Assessment." *Proceedings of the 22nd International Congress on the Education of the Deaf*. Ed. Deaf Studies Unit, University of Patras. Athens, Greece: n.p., 2015. Web. *

Uninvited Presentations: Berent, Gerald P., Ronald R. Kelly, and Kathryn L. Schmitz. "Deaf and Hearing Second Language Learner Parallels in the Acquisition of English Verbs Exhibiting Dative, Benefactive, and Locative Alternations." *American Association for Applied Linguistics Annual Conference*. American Association for Applied Linguistics. Toronto, Canada. 22 Mar. 2015. Conference Presentation. *

Uninvited Presentations: Berent, Gerald P., et al. "Investigating Deaf College Students' Knowledge of English Verb Properties." 2015 NTID Scholarship Symposium. National Technical Institute for the Deaf. Rochester, NY. 28 May 2015. Poster Session. £

Pamela Conley, Associate Professor

Invited Article/Publication: Conley, Pamela R. and Eds. Patrick Boudereault, Genie Gertz, & Geoffrey J. Golson. "Deaf Literature: Deaf Theme in Written Work." *The Deaf Studies Encyclopedia*. (2015). Print. Δ

Jessica Cuculick, Assistant Professor

Book Chapter: Kurz, Christopher A.N. and Jess A. Cuculick. "International Deaf Space in Social Media: The Deaf Experience in the United States." "It's a Small World: International Deaf Spaces and Encounters." Ed. Michele Friedner and Annelies Kusters. Washington, District of Columbia: Gallaudet University Press, 2015. 225-235. Print. ~

Uninvited Presentations: Cuculick, Jess and Nancy P. Chin. "Deaf Women and Breastfeeding: Sharing the Success through Vlogs." XVII World Congress of the World Federation of the Deaf. World Federation of the Deaf. Istanbul, Turkey. 31 Jul. 2015. Conference Presentation.

Uninvited Presentations: Lapham, Amy, et al. "Health Perceptions of Deaf and Hard-Of-Hearing College Females." UNYTE Translational Research Network: University of Rochester Clinical and Translational Science Institute. University of Rochester. Rochester, NY. 3 Dec. 2015. Poster Session.

Uninvited Presentations: Cuculick, Jess. "Deaf College Students' Experience with Facebook." XVII World Congress of the World Federation of the Deaf. World Federation of the Deaf. Istanbul, Turkey. 30 Jul. 2015. Conference Presentation.

Matthew W Dye

Journal Paper: Hirshorn, Elizabeth A, et al. "The Contribution of Phonological Knowledge, Memory, and Language Background to Reading Comprehension in Deaf Populations." *Frontiers in Psychology* 6. 1153 (2015): 1-16. Web. *

Journal Paper: Hilger, Allison I, et al. "Second Language Acquisition Across Modalities: Production Variability in Adult L2 Learners of American Sign Language." *Second Language Research* 31. 3 (2015): 375-388. Print. «

Uninvited Presentations: Dye, Matthew W G. "Diversity of Visual Attention in Deaf Learners." 22nd International Congress on the Education of the Deaf. ICED. Athens, GREECE. 7 Jul. 2015. Conference Presentation. £

Uninvited Presentations: Schinstrom, Krister G, et al. "Building Up L2 Corpora in Different Signed Languages: American Sign Language, Irish Sign Language, and Svenskt Teckensprak." International Conference on Sign Language Acquisition. Sign Language Linguistics Society. Amsterdam, THE NETHERLANDS. 4 Jul. 2015. Conference Presentation. £

Journal Paper: Dye, Matthew W G. "Foveal Processing Under Concurrent Peripheral Load in Profoundly Deaf Adults." *Journal of Deaf Studies and Deaf Education*. (2015) Print. *

Journal Paper: Dye, Matthew W G, Jenessa L Seymour, and Peter C Hauser. "Response Bias Reveals Enhanced Attention to Inferior Visual Field in Signers of American Sign Language." *Experimental Brain Research*. (2016): 1. Print. *

Uninvited Presentations: Dye, Matthew W G, Melissa M Peterson, and Darren S Tanner. "Lexical Access in Hearing Learners of American Sign Language." International Conference on Sign Language Acquisition. Sign Language Linguistics Society. Amsterdam, THE NETHERLANDS. 1 Jul. 2015. Poster Session. £

Invited Keynote/Presentation: Dye, Matthew W G. "Spatio-Temporal Dynamics of Visual Attention: Insights from Deafness." *Sensing Beyond Deafness*. University Grenoble Alpes. Grenoble, FRANCE. 29 Jun. 2015. Keynote Speech. Δ

Uninvited Presentations: Pelczarski, Kristin, et al. "Testing a Phonological Encoding Error Hypothesis in Stuttering: Evidence From Eye Tracking." 2015 ASHA Convention. ASHA. Denver, CO. 12 Nov. 2015. Conference Presentation. «

Uninvited Presentations: Dye, Matthew W G, Rachel Stuehm, and Torrey M J Loucks. "Kinematics of Verb Morphology in Adult Learners of ASL." International Conference on Sign Language Acquisition. Sign Language Linguistics Society. Amsterdam, THE NETHERLANDS. 3 Jul. 2015. Poster Session. £

Kathleen Eilers-crandall, Associate Professor

Full Length Book: Eilers-crandall, Kathleen and Margaret Brophy. *Women Leaders Supplement: Vocabulary, Grammar, and Research*. Rochester, NY: NTID, 2015. Print. ^

Pamela Kincheloe, Associate Professor

Journal Paper: Pamela, Kincheloe,. "Dactylology: A Reading of an Image from The Silent Worker." *Disability Studies Quarterly*. (2016): 0. Print. *

Journal Paper: John, Albertini,, Kincheloe, Pamela, and Marschark, Marc. "Deaf Students' Reading and Writing in College: Fluency, Coherence, and Comprehension." *Journal of Deaf Studies and Deaf Education*. TBA. (2015): tba. Print. *

Invited Keynote/Presentation: Pamela, Kincheloe,. "In Rage, Deaf as the Sea: Performances and Uses of Shakespeare by Deaf people in the Nineteenth Century." *The First Folio: The Book that Gave us Shakespeare*. Gallaudet University. Washington, D.C.. 15 Oct. 2016. Lecture. Δ

LIBERAL STUDIES - RESEARCH

Ila Parasnis, Professor

Invited Keynote/Presentation: Samar, Vincent J., et al. "Attention Deficit Scales for Adults - Sign Language Version: ADHD Assessment, Anxiety, and Depression Among Deaf College Students." NTID Scholarship Symposium. Rochester Institute of Technology. Rochester, NY. 28 May 2015. Conference Presentation. £

Invited Keynote/Presentation: Samar, Vincent J., et al. "Attention Deficit Scales for Adults - Sign Language Version: Criterion and Predictive Validity." The 2015 Association for Psychological Sciences Annual Convention. Association for Psychological Science. New York, New York. 23 May 2015. Conference Presentation. £

Vincent J Samar, Associate Professor

Invited Keynote/Presentation: Samar, Vincent J., et al. "Attention Deficit Scales for Adults - Sign Language Version: ADHD assessment, anxiety, and depression among deaf college students." The NTID Scholarship Symposium. Rochester Institute of Technology. Rochester, NY. 28 May 2015. Conference Presentation. £

Invited Keynote/Presentation: Samar, Vincent J., et al. "Attention Deficit Scales for Adults - Sign Language Version: Criterion and Predictive Validity." The 2015 Association for Psychological Sciences Annual Convention. Association for Psychological Sciences. New York, NY. 23 May 2015. Conference Presentation. £

Invited Keynote/Presentation: Samar, Vincent J., Ila Parasnis, and Marissa Polvere. "Two ADHD Scales Used With Deaf Adults Are Not Confounded By Cultural Identity." The 2015 Association for Psychological Sciences Annual Convention. Association for Psychological Sciences. New York, NY. 23 May 2015. Conference Presentation. £

Invited Keynote/Presentation: Samar, Vincent J., Sidney Segalowitz, and James Desjardins. "Adverse Childhood Events Dysregulate Adult Medial Frontal Self-Regulation Mechanisms: Evidence from Deaf adults." The 2015 Association for Psychological Science Annual Convention. Association for Psychological Sciences. Rochester, NY. 23 May 2015. Conference Presentation. £

Journal Paper: Samar, Vincent J., et al. "American Sign Language Discrimination Test." Language Testing online. doi: 10.1177/0265532215590849. (2015): 1-23. Web. £

Invited Keynote/Presentation: Samar, Vincent J., et al. "Sitting Height: An Adult Correlate of Growth Dysregulation by Early Adverse Events." 1st Annual Rochester Global Health Symposium. University of Rochester. Rochester, NY. 15 Jun. 2015. Conference Presentation. £

Invited Keynote/Presentation: Samar, Vincent J., et al. "Sitting Height: A Proposed Adult Marker for Childhood Physical and Neurocognitive Growth Dysregulation in Populations Exposed to Early Adverse Events." UNYTE Scientific Session - Transforming Population Health Research: Advances, New Methods, and Community Partnerships. University of Rochester. Rochester, NY. 3 Dec. 2015. Conference Presentation. £

MSSE

Christopher Kurz, Associate Professor

Invited Paper: Kurz, Christopher A. "Two Views on Mathematics Education for the Deaf: Edward M. Gallaudet and Amos G. Draper." Deaf Studies Digital Journal. (2015). Web. Δ

Book Chapter: Kurz, Christopher A.N. and Jess Cuculick. "International Deaf Space in Social Media: The Deaf Experience in the United States." It's a Small World: International Deaf Spaces and Encounters. Washington, DC: Gallaudet University, 2015. 225-235. Print. £ ~

Published Conference Proceedings: Kurz, Christopher A.N. and Kim Kurz. "Deaf Faculty Perspectives: Doctoral Study Experience." Proceedings of the Third Biannual Deaf Studies Today! Conference, Utah Valley University, Orem, UT. Ed. F. Fleischer and K. Morton. Orem, UT: Utah Valley University, 2015. Print. £ ~

Invited Keynote/Presentation: Kurz, Christopher A.N. and Hoa Nguyen. "Developing Deaf-centric Instructional Materials Workshop." Krousar Thmey and DDP Professional Development. Krousar Thmey. Phnom Penh, Cambodia. 31 Aug. 2015. Lecture.

Invited Keynote/Presentation: Kurz, Christopher A.N. and Susan Lane-Outlaw. "Evidence-based Sign Bilingual Education Practices Mathematics and Science." Workshop. Chinese University of Hong Kong. Hong Kong, China. 11 Aug. 2015. Lecture.

Invited Keynote/Presentation: Lane-Outlaw, Susan and Christopher Adam Noel Kurz. "Evidence-based Sign Bilingual Education Practices Language and Literacy." Workshop. Chinese University of Hong Kong. Hong Kong, China. 13 Aug. 2015. Lecture.

Invited Keynote/Presentation: Kurz, Christopher A.N. and Susan Lane-Outlaw. "Optimizing Conceptual Understanding and Literacy: The Role of Sign Language." Public Talk. Chinese University of Hong Kong. Hong Kong, China. 15 Aug. 2015. Lecture.

Uninvited Presentations: Kurz, Christopher A.N., J Matt Searls, and Samantha Smith. "The Emergence of Physical Education and Competitive Sports in American Schools for the Deaf." Deaf History International. Deaf Scotland History Association. Edinburgh, Scotland. 19 Jul. 2015. Conference Presentation. *

Uninvited Presentations: Kurz, Christopher A.N. "Mathematical Literacy Citizenship: Deaf Experience." 22nd International Congress on the Education of the Deaf Conference. University of Partras. Athens, Greece. 7 Jul. 2015. Conference Presentation. *

Uninvited Presentations: Kurz, Christopher A.N. and Susan Lane-Outlaw. "Interactive Non-fiction Literacy for Deaf Students: Deaf Pioneer Series App." 22nd International Congress on the Education of the Deaf Conference. University of Partras. Athens, Greece. 8 Jul. 2015. Conference Presentation. *

Uninvited Presentations: Kurz, Kim B., Christopher A.N. Kurz, and Cindy Sanders. "Modern Sign Language Teachers of the Deaf: Current Trends and Issues." 22nd International Congress on the Education of the Deaf Conference. University of Partras. Athens, Greece. 8 Jul. 2015. Conference Presentation. *

Jessica W Trussell

Manuscripts Submitted for Publication:

Trussell, Jessica W. and Susan R. Easterbrooks. "Morphological Knowledge and Students who are Deaf or Hard-of-Hearing: A Review of the Literature." 16 Oct. 2015. TS - typescript (typed). *

Journal Paper: Beal-Alvarez, Jennifer and Jessica W. Trussell. "Classifiers and Constructed Action: Necessary Narrative Components in Deaf Adults' Storybook Renditions." *Sign Language Studies* 16. 1 (2015): 5-29. Print. *

Book Chapter: Easterbrooks, Susan R., Joanna Cannon, and Jessica W. Trussell. "Many Languages, One Goal: The Future of Research and Practice in Language Mastery by Deaf Learners." "Educating Deaf Learners: Diverse Ways, One Goal." Ed. Marc Marschark, Venetta Lampropoulou, and Emmanouil Skordilis. New York City, NY: Oxford University Press, 2016. 00-00. Print. *

Manuscripts Submitted for Publication:

Beal-Alvarez, Jennifer, Nanci Sheetz, and Jessica W. Trussell. "Longitudinal American Sign Language Skills of Pre-Service Interpreter and Teacher Candidates." 30 Nov. 2015. TS - typescript (typed). *

MSSE - RESEARCH

Carol De Filippo, Professor

Journal Paper: Gottermeier, Linda G., et al. "User Evaluation of Automatic Speech Recognition Systems for Deaf-Hearing Interactions at School and Work." *Audiology Today*. (2016): In press. Print. *

Published Review: DeFilippo, Carol L. "When Is Auditory Training Not Just Learning How to Listen? A Holistic Model of Training Functional Auditory-Based Communication." *Rev. of Auditory [Re]Habilitation for Adolescents With Hearing Loss: Theory and Practice*, by Jill Duncan, Ellen A. Rhoades, and Elizabeth M. Fitzpatrick. *Journal of Deaf Studies and Deaf Education* 5 Sep. 2015: 1. Web. ~

Uninvited Presentations: Gottermeier, Linda L., et al. "Automatic Speech Recognition Systems as Tools to Enhance Spoken Communication in the Classroom." New York Cyber Security and Engineering Technology Association (NYSETA). National Technical Institute for the Deaf. Rochester, NY. 22 Oct. 2015. Conference Presentation. ~

Manuscripts Submitted for Publication: Gottermeier, Linda G., Carol De Filippo, and Catherine Clark. "Bimodal Stimulation Following Long-term Unilateral CI Use: Are We Employing the Standard of Care?" 21 Sep. 2015. TS - type-script (typed). *

Ronald Kelly, Professor

Invited Keynote/Presentation: Berent, Gerald P., Ronald R. Kelly, and Kathryn L. Schmitz. "Deaf Students' Acquisition of Diverse Lexical Properties of English Verbs: New Guidance for English Teaching, Learning, and Assessment." 22nd International Congress on the Education of the Deaf. University of Patras. Athens, Greece. 7 Jul. 2015. Conference Presentation. Δ £

Invited Keynote/Presentation: Behm, Gary W., Joseph Stanislow, and Ronald R. Kelly. "Is it Problematic for Deaf/hard-of-hearing Students in Learning with Multiple Classroom Technologies?" 22nd International Congress on the Education of the Deaf. University of Patras. Athens, Greece. 7 Jul. 2015. Conference Presentation. Δ £

Invited Keynote/Presentation: Kelly, Ronald R., et al. "Deaf Workers: Educated and Employed, but Limited in Career Growth." 22nd International Congress on the Education of the Deaf. University of Patras. Athens, Greece. 7 Jul. 2015. Conference Presentation. Δ £

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. Marc Marschark, Venetta Lampropoulou, and Emmanouil K. Skordilis. New York, NY: Oxford University Press, 2016. 1-53. Print. £

Christopher Kurz, Associate Professor

Invited Keynote/Presentation: Kurz, Christopher A.N. and Susan Lane-Outlaw. "How Visual Language and Visual Learning Support Early Language and Cognitive Development." Public Talk. Chinese University of Hong Kong. Hong Kong, China. 14 Aug. 2015. Lecture.

Ila Parasnis, Professor

Invited Keynote/Presentation: Parasnis, Ila, M. Polvere, and V. J. Samar. "Two ADHD Scales Used With Deaf Adults Are Not Confounded By Cultural Identity." The 2015 Association for Psychological Sciences Annual Convention. Association for Psychological Sciences. New York, NY. 23 May 2015. Conference Presentation. £

Invited Keynote/Presentation: Parasnis, Ila, et al. "Attention Deficit Scales for Adults - Sign Language Version: Criterion and Predictive Validity." The 2015 Association for Psychological Sciences Annual Convention. Association for Psychological Sciences. New York, NY. 23 May 2015. Conference Presentation. £

Invited Keynote/Presentation: Parasnis, Ila, et al. "Attention Deficit Scales for Adults - Sign Language Version: ADHD Assessment, Anxiety, and Depression Among Deaf College Students." The NTID Scholarship Symposium. Rochester Institute of Technology. Rochester, NY. 28 May 2015. Conference Presentation. Δ

Sara Schley, Associate Professor

Grants: Schley, Sara (2016-2019). Collaborative Research: Accessible STEM Instruction with Deaf Students: Supporting Faculty in Pedagogical Exploration and Innovation. Grant proposal submitted to DUE-IUSE, NSF. *

Grants: Schley, Sara (2016-2020). Multi-Channel Instructional Technology in Postsecondary Contexts: Implications for DHH students and Specific Learning Needs. Grant proposal submitted to IES, IES. *

Journal Paper: Schley, Sara and Michael A. Stinson. "Collaborative Writing in the Post-Secondary Classroom: Online, In-Person and Synchronous Group Work with Deaf, Hard of Hearing, and Hearing Students." *Journal of Postsecondary Education and Disability* 29. 2 (2016): 1-38. Print. *

Michael Stinson, Professor

Book Chapter: Hyde, Philip, et al. "Considering Critical Factors Towards the Inclusion of Deaf and Hard-of-Hearing Students in Higher Education." "Educating Deaf Learners: Diverse Ways, One Goal." Ed. Marc Marschark, Venetta Lampropoulou, and Emmanouil Skordilis. New York, New York: Oxford University Press, 2015. 00-00. Print. *

Invited Keynote/Presentation: Stinson, Michael. "Using the C-Print Speech to Text Service to Facilitate Communication Access of Deaf Students in Higher Education." International Congress on Education of the Deaf. International Congress on Education of the Deaf. Athens, Greece. 7 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Searls, J. Matt and Michael Stinson. "Deaf Students' Cultural Identity and Participation in a Deaf Studies Course." International Congress on Education of the Deaf. International Congress on Education of the Deaf. Athens, Greece. 9 Jul. 2015. Conference Presentation. *

Manuscripts Submitted for Publication:

Schley, Sara and Michael Stinson. "Collaborative Writing in the Classroom: On-line, In-Person, and Synchronous Group Work." 1 Sep. 2015. TS - typescript (typed). *

OFFICE OF THE PRESIDENT

Marc Marschark, Professor

Full Length Book: M., Marschark,, Lampropoulou, V., and Skordilis, E. "Diversity in Deaf Education." New York, NY: Oxford University Press, 2016. Print.

Full Length Book: M., Marschark, and Spencer, P.E. "The Oxford Handbook of Deaf Studies in Language: Research, Policy, and Practice." New York, NY: Oxford University Press, 2016. Print.

Full Length Book: P., Rinaldi,, et al. *Apprendimento e Sordità: Aspetti Cognitivi, Linguistici, Socio-emotivi e Scolastici*. Bologna, Italy: Società editrice il Mulino, 2015. Print.

Full Length Book: H., Knoors,, et al. *Διδασκαλία κωφών και βαρηκόων*. Athens, Greece: Πεδίο, 2015. Print.

Full Length Book: H., Knoors,, Marschark, M., and Dammeyer, J. *Undervisning Og Lring: Psykologiske Og Udviklingsmæssige Perspektiver p Undervisning af Born Med Hretab*. Aalborg, Denmark: Materialecentret, 2015. Print.

Full Length Book: H., Knoors, and Marschark, M. *Educating Deaf Learners: Creating a Global Evidence Base*. New York, NY: Oxford University Press, 2015. Print.

Book Chapter: Leigh, G. and M. Marschark. "Recognizing Diversity in Deaf Education: from Paris to Athens with a Diversion to Milan." "Diversity in Deaf Education." Ed. M. Marschark, V. Lampropoulou, and E. Skordilis. New York, NY: Oxford University Press, 2016. 000-000. Print. £

Book Chapter: Marschark, M. and G. Leigh. "Recognizing Diversity in Deaf Education: Now What do we do With it?!" "Diversity in Deaf Education." Ed. M. Marschark, V. Lampropoulou, and E. Skordilis. New York, NY: Oxford University Press, 2016. 000-000. Print. £

Book Chapter: Marschark, M., E. Machmer, and C. Convertino. "Understanding Language in the Real World." "The Oxford Handbook of Deaf Studies in Language." Ed. M. Marschark and P.E. Spencer. New York, NY: Oxford University Press, 2016. Print. £

Book Chapter: Knoors, H. and M. Marschark. "Educating Deaf Students in a Global Context." *Educating Deaf Learners: Creating a Global Evidence Base.* Ed. H. Knoors and M. Marschark. New York, NY: Oxford University Press, 2015. 1-19. Print. £

Book Chapter: Marschark, M. and H. Knoors. "Educating Deaf Learners in the 21st century: What we Know and What we Need to Know." *Educating Deaf Learners: Creating a Global Evidence Base.* Ed. H. Knoors and M. Marschark. New York, NY: Oxford University Press, 2015. 617-647. Print. £

Journal Paper: Nagle, K., et al. "College and Career Readiness: Course Taking of Deaf and Hard-of-hearing Secondary School Students." *American Annals of the Deaf.* (2016): Print. «

Journal Paper: Marschark, M., et al. "Predicting the Academic Achievement of Deaf and Hard-of-hearing Students from Individual, Household, Communication, and Educational Factors." *Exceptional Children* 8. (2015): 350-369. Print. «

Journal Paper: Blom, H. and M. Marschark. "Simultaneous Communication and Cochlear Implants in the Classroom?" *Deafness and Education International* 17. (2015): 123-131. Print. «

Journal Paper: Marschark, M., et al. "Understanding Language, Hearing Status, and Visual-spatial Skills." *Journal of Deaf Studies and Deaf Education* 20. (2015): 310-330. Print. «

Invited Keynote/Presentation: Marschark, M. "Myths and Misunderstandings in Deaf Education: On Language, Cognition, and Learning." Collaborative Experience for Parents and Professionals Symposium. NA. Breezy Point, MN. 18 Apr. 2015. Keynote Speech.

Invited Keynote/Presentation: Marschark, M. "Language, Cognition, and Mental Health in Deaf Children." NA. National Center for Hearing and Mental Health. Oslo University Hospital, Norway. 22 Sep. 2015. Address.

Invited Keynote/Presentation: Marschark, M. "New Research in Deaf Education: What's Hot and What's Not." NA. Statped (Ministry of Education). Oslo, Norway. 23 Sep. 2015. Address.

Invited Keynote/Presentation: Marschark, M. "Matching the Strengths and Needs of Deaf Learners." Hearing and Cognition Conference. Norwegian Labour and Welfare Administration, Department of Vocational Rehabilitation. Gardermoen, Norway. 24 Sep. 2015. Keynote Speech.

Invited Keynote/Presentation: Marschark, M. "Recognizing Diversity in Deaf Education: The Road from Athens." ICED 2015. ICED 2015. Athens, Greece. 9 Jul. 2015. Keynote Speech.

SCIENCE AND MATHEMATICS

Austin Gehret, Assistant Professor

Uninvited Presentations: Gehret, Austin U. "A Classroom-based Activity Designed to Enhance Student Comprehension of Enzyme Catalysis of Reaction Rate." 2015 NTID Scholarship Symposium. National Technical Institute for the Deaf. Rochester, NY. 28 May 2015. Conference Presentation.

Published Conference Proceedings: Gehret, Austin U., et al. "Characterization and Complementation of a Potential Novel Phenotype for *Saccharomyces Cerevisiae* PH013." Proceedings of the Experimental Biology 2015 (Mar. 28-Apr. 1, Boston, MA). Ed. Gerald Weissmann, MD. Bethesda, MD: FASEB Journal, 2015. Web. *

Published Conference Proceedings: Edwards, Jasmine, Austin U. Gehret, and Suzanne F. O'Handley. "A Phosphoglycolate Phosphatase Virulence Factor from *Staphylococcus aureus*." Proceedings of the Experimental Biology 2015 (Mar. 28-Apr. 1, Boston, MA). Ed. Gerald Weissmann, MD. Bethesda, MD: FASEB Journal, 2015. Web. *

Uninvited Presentations: Gehret, Austin U. "A Classroom-based Activity Designed to Enhance Student Comprehension of Enzyme Catalysis of Reaction Rate." 2015 Northeast Regional Meeting. American Chemical Society. Ithaca, NY. 11 Jun. 2015. Conference Presentation. *

Uninvited Presentations: Kellogg, Courtney, et al. "Phenotypic and Complementation Studies of PH013 Activity in *Saccharomyces Cerevisiae*." 250th American Chemical Society National Meeting & Exposition. American Chemical Society. Boston, MA. 18 Aug. 2015. Poster Session. *

Uninvited Presentations: Kellogg, Courtney, et al. "Phenotypic and Complementation Studies of PH013 Activity in *Saccharomyces Cerevisiae*." 2015 Northeast Regional Meeting. American Chemical Society. Ithaca, NY. 10 Jun. 2015. Poster Session. *

Manuscripts Submitted for Publication: Gehret, Austin U. "Pop-It Beads to Introduce Enzyme Catalysis and Substrate Depletion Effects." 1 Oct. 2015. TS - typescript (typed). *

Bonnie Jacob, Assistant Professor

Journal Paper: Ansill, Thomas, et al. "Three-state Zero Forcing on Graphs." *Congressus Numerantium*. (2016): unknown. Print. *

Invited Keynote/Presentation: Jacob, Bonnie. "Failed and n-state Zero Forcing on Graphs." Houghton College Mathematics Colloquium. Houghton College Mathematics Department. Houghton, NY. 10 Mar. 2015. Guest Lecture. Δ

Uninvited Presentations: Jacob, Bonnie. "Three-state Zero Forcing on Graphs." Forty-Sixth Southeastern International Conference on Combinatorics, Graph Theory, and Computing. Florida Atlantic University. Boca Raton, FL. 3 Mar. 2015. Conference Presentation. *

Keith Mousley, Associate Professor

Invited Keynote/Presentation: Mousley, Keith and Carol Marchetti. "Increasing Success in Foundational STEM Courses: Focusing Improvement Efforts." STEMtech Conference. STEM LEAGUE. Phoenix, AZ. 2 Nov. 2015. Conference Presentation. *

Invited Keynote/Presentation: Mousley, Keith and Gary Blatto-Vallee. "Our Experience in a Fully "Flipped" Developmental Math Course." Hi-Tech Conference. Hi-Tech. Portland, OR. 29 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Mousley, Keith and Ronald Kelly. "Magnitude and Long-Division of Whole Numbers Is Crucial to Development of Fraction Skills." NTID Scholarship Symposia. NTID. Rochester, NY. 26 May 2015. Conference Presentation. *

Invited Keynote/Presentation: Mousley, Keith, et al. "Project Thinking CAP: Communication, Access, & Persistence Among Deaf And Hard Of Hearing Students In Foundational Statistics Courses." NTID Scholarship Symposia. NTID. Rochester, NY. 26 May 2015. Conference Presentation. *

Jason T Nordhaus, Assistant Professor

Journal Paper: Papish, Oded, Jason Nordhaus, and Noam Soker. "A Call for a Paradigm Shift from Neutrino-driven to Jet-driven Core-collapse Supernova Mechanisms." *Monthly Notices of the Royal Astronomical Society* 448. 3 (2015): 2362-2367. Web. £

Invited Article/Publication: Mamajek, E., et al. "Proposed Nomenclature for Surface Features on Pluto and Its Satellites and Names for Newly Discovered Satellites." *International Astronomical Union White Paper*. (2015). Web.

Journal Paper: Montez, R., et al. "The Chandra Planetary Nebula Survey (ChanPlaNS). III. X-Ray Emission from the Central Stars of Planetary Nebulae." *The Astrophysical Journal* 800. 1 (2015): 1-19. Web. £

Invited Keynote/Presentation: Nordhaus, J. "A Status Update on the Neutrino Mechanism of Core-collapse Supernovae." *Beyond the First Century of General Relativity*. RIT. Rochester, NY. 30 May 2015. Conference Presentation.

Manuscripts Submitted for Publication: Fuji, Y., et al. "Radio Emission From Red-Giant Hot Jupiters." 29 Sep. 2015. TS - typescript (typed). £

Invited Keynote/Presentation: Nordhaus, J. "Powering and Shaping Planetary Nebulae: The Physics of Common Envelopes." XXIXth IAU General Assembly. International Astronomical Union. Honolulu, Hawaii. 4 Aug. 2015. Conference Presentation.

Manuscripts Submitted for Publication: Nordhaus, J. and D. Spiegel. "Powering and Shaping Planetary Nebulae: The Physics of Common Envelopes." In Press. TS - typescript (typed). Δ

Invited Keynote/Presentation: Nordhaus, J. "Building Opportunities for Deaf and Hard-of-Hearing Students in Astronomy." *Inclusive Astronomy*. Vanderbilt University. Nashville, Tennessee. 18 Jun. 2015. Keynote Speech.

Todd Pagano, Associate Professor

Grants: Robinson, Risa J., Nathan Eddingsaas, and Todd Pagano (2015-2017). NIH R01: Assessing Health Claims of Electronic Cigarettes Under Realistic Conditions. Grant proposal submitted to NIH: Tobacco Control Regulatory Research- R01, NIH. *

Journal Editor: Pagano, Todd, ed. *Journal of Science Education for Students with Disabilities*. Rochester, NY: Society of Science Education for Students with Disabilities, 2015. Web.

National/International Competition Award

Winner: Pagano, Todd. Society for College Science Teaching (SCST)/ National Science Teachers Association (NSTA). Outstanding Undergraduate Science Teacher Award. Nashville, TN, 2016. *

Grants: Robinson, Risa J., et al (2016-2019). Assessing Health Claims of Reduced Exposure Products Under Realistic Smoking Conditions. Grant proposal submitted to National Institute of Health, R-01, National Institute of Health. ≠

Invited Keynote/Presentation: Pagano, Todd. "Exploring the "Kinetics" of Student Success." Professional Development Conference. Arizona Western College/Northern Arizona University. Yuma, AZ. 12 Feb. 2015. Keynote Speech. Δ

Uninvited Presentations: Wink, Gloria and Todd Pagano. "Measuring the Emission Efficiency and Nicotine Delivery of Electronic Cigarettes." 249th American Chemical Society National Meeting. American Chemical Society. Denver, CO. 24 Mar. 2015. Conference Presentation. *

Uninvited Presentations: Smith, Susan B., et al. "New Spectroscopic Method for Characterizing the Nutritional Quality of Fruit Resources Available to Wildlife in a Western New York Habitat." 249th American Chemical Society National Meeting. American Chemical Society. Denver, CO. 23 Mar. 2015. Conference Presentation. *

Invited Keynote/Presentation: Ross, Annemarie D., Susan B. Smith, and Todd Pagano. "Outreach and Educational Programs for Deaf and Hard-of-Hearing Students in the Sciences." 249th American Chemical Society National Meeting. American Chemical Society. Denver, CO. 24 Mar. 2015. Keynote Speech. *

Invited Keynote/Presentation: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith. "Research and Cooperative Work Experiences for Deaf and Hard-of-Hearing Undergraduate Students in the Sciences." 249th American Chemical Society National Meeting. American Chemical Society. Denver, CO. 24 Mar. 2015. Keynote Speech. *

Uninvited Presentations: Sankoh, Amie, et al. "Measuring the Antioxidant Components of Tea using Traditional Assays and Multidimensional Fluorescence Spectroscopy with Chemometrics." Rochester American Chemical Society Undergraduate Research Symposium. American Chemical Society. Geneseo, NY. 18 Apr. 2015. Conference Presentation. *

Uninvited Presentations: Berroa, Elder, et al. "Comparison of two Quantification Methods for Kjeldahl Protein Digestion of Wild Fruits." Rochester American Chemical Society Undergraduate Research Symposium. American Chemical Society. Geneseo, NY. 18 Apr. 2015. Conference Presentation. *

Uninvited Presentations: Saless, Rachel E., et al. "Biochemical Analysis of Bush Honeysuckle (*Lonicera* spp.) Red and Orange Color Morphs." 15th Northeast Natural History Conference. Northeast Natural History. Springfield, MA. 19 Apr. 2015. Conference Presentation. *

Uninvited Presentations: Harrison, Melissa M., et al. "Variability in the Phenolic Content of Invasive and Non-Invasive Emergent Wetland Plants." NY State Wetlands Forum Annual Conference. NY State Wetlands Forum. Syracuse, NY. 14 Apr. 2015. Conference Presentation. *

Uninvited Presentations: Pagano, Todd. "Employment of Deaf and Hard-of-Hearing Post-Secondary Graduates in the Laboratory Sciences." 22nd International Congress of the Education of the Deaf. International Congress of the Education of the Deaf. Athens, Greece. 8 Jul. 2015. Conference Presentation. *

Uninvited Presentations: Pagano, Todd, et al. "A New Method for the Nutritional Characterization of Wild Fruits for Migratory Birds." Joint Meeting of the Association of Field Ornithologists, the Society of Canadian Ornithologists / Society des ornithologistes du Canada and the Wilson Ornithological Society. Association of Field Ornithologists, the Society of Canadian Ornithologists / Society des ornithologistes du Canada and the Wilson Ornithological Society. Nova Scotia, Canada. 17 Jul. 2015. Conference Presentation. *

Invited Keynote/Presentation: Pagano, Todd. "Making Education in the Laboratory Sciences Accessible and Successful for Deaf/Hard-of-Hearing Students." Simpósio Caminhos Da Inclusão: Saberes Científicos E Tecnológicos E Sua Importância Para O Desenvolvimento Do Indivíduo Surdo. Universidade Federal do Rio De Janeiro. Rio De Janeiro, Brazil. 3 Aug. 2015. Keynote Speech. Δ

Invited Keynote/Presentation: Pagano, Todd and Annemarie D. Ross. "Encouraging Deaf and Hard-of-Hearing Student Involvement in Undergraduate Research in the STEM Fields." 2015 New York Cyber Security and Technology Association Conference. New York Cyber Security and Technology Association. Rochester, NY. 22 Oct. 2015. Conference Presentation. *

Uninvited Presentations: Ross, Annemarie D., Susan B. Smith, and Todd Pagano. "An Undergraduate Research Program for Deaf and Hard-of-Hearing Science Students." 2015 New York Cyber Security and Technology Association Conference. New York Cyber Security and Technology Association. Rochester, NY. 22 Oct. 2015. Conference Presentation. *

Uninvited Presentations: Berroa, Elder, et al. "Undergraduate Research: Comparison of Quantification Methods for Kjeldahl Protein Digestions of Wild Fruits." 2015 New York Cyber Security and Technology Association Conference. New York Cyber Security and Technology Association. Rochester, NY. 22 Oct. 2015. Conference Presentation. *

Uninvited Presentations: Sankoh, Amie, et al. "Undergraduate Research: Measuring Components of Tea Using Multidimensional Fluorescence Spectroscopy with Chemometrics." 2015 New York Cyber Security and Technology Association Conference. New York Cyber Security and Technology Association. Rochester, NY. 22 Oct. 2015. Conference Presentation. *

Grants: Pagano, Todd (2015-2016). Carl D. Perkins Career and Tech Education. "Enhancing Technical Skills Related to Health Sciences and Sustainability Careers for Deaf and Hard-of-Hearing Laboratory Science Technology Students". Grant received/funded by Carl D. Perkins Career and Tech Education, NY State and U.S. Dept. of Education. ≠

Journal Paper: Pagano, Todd and Annemarie D. Ross. "Undergraduate Research Involving Deaf and Hard-of-Hearing Students in Interdisciplinary Science Projects." *Education Sciences* 5. 2 (2015): 146-165. Web. *

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*. (2015): in press. Print. *

Journal Paper: Bida, Morgan, A. Christina Tyler, and Todd Pagano. "Quantity and Composition of Stream Dissolved Organic Matter in the Watershed of Conesus Lake, New York." *Journal of Great Lakes Research* 41. 3 (2015): 730-742. Print. *

Journal Paper: Smith, Susan B., Annemarie D. Ross, and Todd Pagano. "Chemical and Biological Research with Deaf and Hard-of-Hearing Students: Ensuring a Safe and Successful Laboratory Environment." *Journal of Chemical Health & Safety*. (2015): in press. Print. *

Journal Paper: Pagano, Todd, Morgan Bida, and Risa J. Robinson. "Laboratory Activity for the Determination of Nicotine in Electronic Cigarette Liquids using Gas Chromatography-Mass Spectrometry." *Journal of Laboratory Chemical Education* 3. 3 (2015): 37-43. Web. *

Grants: Robinson, Risa, Todd Pagano, and Irfan Rahman (2015-2016). Emission Aerosol Constituents and Comparative Toxicology of E-cigarettes with Flavorings. Grant received/funded by NIH-R01, NIH. ≠

Grants: Rahman, Irfan, Risa J. Robinson, and Todd Pagano (2016-2019). Topography, Constituents, and Toxicity of Waterpipe Tobacco Smoke Under Realistic Conditions. Grant proposal submitted to NIH-R01, NIH. *

Grants: Pagano, Todd and Risa J. Robinson (2016-2019). Assessing Abuse Liability in Low Nicotine Products in Realistic Conditions. Grant proposal submitted to NIH-R01, NIH. *

Uninvited Presentations: Sankoh, Amie, Morgan Bida, and Todd Pagano. "Undergraduate Research: Measuring Components of Tea Using Multidimensional Fluorescence Spectroscopy with Chemometrics." New York Cyber Security and Engineering Technology Association. New York Cyber Security and Engineering Technology Association. Rochester, NY. 22 Sep. 2015. Conference Presentation. £

Uninvited Presentations: Berroa, Elder, Morgan Bida, and Todd Pagano. "Undergraduate Research: Comparison of Quantification Methods for Kjeldahl Protein Digestions of Wild Fruits." New York Cyber Security and Engineering Technology Association. New York Cyber Security and Engineering Technology Association. Rochester, NY. 22 Oct. 2015. Conference Presentation. £

Invited Keynote/Presentation: Pagano, Todd. "Encouraging Deaf and Hard-of-Hearing Student Involvement in Undergraduate Research in the STEM Fields." New York Cyber Security and Engineering Technology Association. New York Cyber Security and Engineering Technology Association. Rochester, NY. 22 Oct. 2015. Conference Presentation. £

Invited Keynote/Presentation: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith. "Ensuring a Safe and Successful Research Laboratory for Deaf and Hard-of-hearing Undergraduate Students." International Chemical Congress of Pacific Basin Societies. Pacific Basin Chemical Societies. Honolulu, HI. 15 Dec. 2015. Conference Presentation. *

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* 2. 1 (2016): 9-18. Web. *

Vicki Robinson, Associate Professor

Uninvited Presentations: Robinson, Vicki. "Doing Physics Experiments With Students In the Virtual World of Second Life." NYSETA Fall Conference. New York Cyber Security and Engineering Technology Association. Rochester, NY. 22 Oct. 2015. Conference Presentation. ~

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*. (2015): 1-8. Web. «

Journal Paper: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith. "Undergraduate Research Involving Deaf and Hard-of-Hearing Students in Interdisciplinary Science Projects." *Education Sciences* 5. 2 (2015): 146-165. Print. «

Journal Paper: Ross, Annemarie and Randy Yerrick. "What I Taught my STEM Instructor about Teaching: What a Deaf Student Hears that Others Cannot." *Journal of Science Education for Students with Disabilities* 18. 1 (2015): 10-22. Web. «

Invited Keynote/Presentation: Ross, Annemarie D., Susan B. Smith, and Todd Pagano. "Outreach and Educational Programs for Deaf and Hard-of-Hearing Students in the Sciences." 249th ACS National Meeting. American Chemical Society. Denver, CO. 25 Mar. 2015. Conference Presentation. Δ

Published Conference Proceedings: Yerrick, Randy, et al. "Examining Higher Education Equity Efforts to Engage Underrepresented Engineering Students: Recruitment, Support, Instruction, Evaluation, and Outreach." *Proceedings of the 2015 NARST Annual International Conference*, Chicago, IL. April 13, 2015. Ed. Valerie L Akerson, Mary M. Atwater, and William C. Kyle. Chicago, IL: n.p., 2015. Web. «

Invited Keynote/Presentation: Ross, Annemarie D., Susan B. Smith, and Todd Pagano. "Research and Cooperative Work Experiences for Deaf and Hard-of-Hearing Undergraduate Students in the Sciences." 249th American Chemical Society National Conference. American Chemical Society. Denver, CO. 25 Oct. 2015. Conference Presentation. Δ

Uninvited Presentations: Ross, Annemarie D., Susan B. Smith, and Todd Pagano. "An Undergraduate Research Program for Deaf and Hard-of-Hearing Science Students." New York State Engineering Technology Association. New York State Engineering Technology Association. Rochester, NY. 22 Oct. 2015. Poster Session. Δ

Uninvited Presentations: Pagano, Todd, Annemarie D Ross, and Susan B. Smith. "Encouraging Deaf and Hard-of-Hearing Student Involvement in Undergraduate Research in the STEM Fields." New York State Engineering Technology Association. New York State Engineering Technology Association. Rochester, NY. 22 Oct. 2015. Poster Session. Δ

Grants: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith (2015-2016). Enhancing Technical Skills Related to Health Sciences and Sustainability Careers for Deaf and Hard-of-Hearing Laboratory Science Technology Students. Grant received/funded by Research Foundation of SUNY, Department of Education. ≠

Grants: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith-Pagano (2014-2015). Enhancing Technical Skills Related to Health Sciences and Sustainability Careers for Deaf and Hard-of-Hearing Laboratory Science Technology Students. Grant received/funded by Research Foundation of SUNY, Department of Education. ≠

Uninvited Presentations: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith. "Ensuring a Safe and Successful Research Laboratory for Deaf and Hard-of-hearing Undergraduate Students." International Chemical Congress of Pacific Basin Societies. Pacific Basin Chemical Societies. Honolulu, HI. 15 Dec. 2015. Conference Presentation. *

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 2. 1 (2016): 9-18. Web. *

David C Templeton, Associate Professor

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 2. 1 (2016): 9-18. Web. *

OTHER DEGREE GRANTING UNITS

AMERICAN UNIVERSITY IN KOSOVO

Albina Balidemaj

Published Conference Proceedings: Balidemaj, Albina. "Attendance of Religious Organizations as a Predictor of Neighborhood Satisfaction." Proceedings of the Annual International Convention of Psychological Science. Ed. Jim McDonnell. Amsterdam, Netherlands: International Convention of Psychological Science, 2015. Print.

RIT CROATIA

Besim Agusaj

Published Conference Proceedings: Agušaj, Besim and Ana Čuić Tanković. "The Relationship Between Employee Intention to Quit and Perceived Corporate Reputation on User-Generated Content in Hotel Industry." Proceedings of the The 7th International Conference "European Union Future Perspectives: Innovation, Entrepreneurship and Economic Policy." Proceedings of the The 7th International Conference "European Union Future Perspectives: Innovation, Entrepreneurship and Economic Policy. Ed. Ph.D. Robert Zenzerović. Pula, Croatia: Juraj Dobrila University of Pula, 2015. Print. *

Iva Bacic

Published Conference Proceedings: Bačić, Iva, Krešimir Malarić, and Emil Dumić. "Empirical Channel Model for Communication in Urban Areas with a Hilly Region." Proceedings of the 57th International Symposium ELMAR-2015. Ed. Muštra, Mario ; Tralić, Dijana ; Zovko-Cihlar, Branka. Zagreb, Croatia: n.p., 2015. Print. ~

Published Conference Proceedings: Krešimir, Malarić, Suć Ivan, and Bačić Iva. "Measurement of DVB-S and DVB-S2 parameters." Proceedings of the 2015 International Conference on Software, Telecommunications and Computer Networks. Ed. Rožić, Nikola ; Begušić, Dinko. Split, Croatia: n.p., 2015. Print. ~

Kristijan Tabak

Journal Paper: Tabak, Kristijan. "On Hadamard Groups with Relatively Large 2^2 -subgroup." European Journal of Pure and Applied Mathematics 8. 4 (2015): 450-457. Print. *

RIT DUBAI

Gurdal Ertek

Published Conference Proceedings: Ertek, Gurdal, et al. "Graph-based Analysis of Resource Dependencies in Project Networks." Proceedings of the 2015 IEEE International Conference on Big Data. Ed. Howard Ho, et al. Santa Clara, CA: IEEE, 2015. Web. «

Published Conference Proceedings: Ertek, Gurdal, et al. "Profit Estimation Error Analysis in Recommender Systems based on Association Rules." Proceedings of the 2015 IEEE International Conference on Big Data. Ed. Howard Ho, et al. Santa Clara, CA: n.p., 2015. Web. «

Journal Paper: Ertek, Gurdal, et al. "New Knowledge in Strategic Management through Visually Mining Semantic Networks." Information Systems Frontiers. (2015): 1-21. Web. *

Journal Paper: Lu, Dawei and Gurdal Ertek. "Perception gap and its impact on supply chain performance." International Journal of Business Performance and Supply Chain Modelling 7. 2 (2015): 122-140. Web. *

Charalampos (HARRY) Manifavas

Journal Paper: Manifavas, C., et al. "A Survey of Lightweight Stream Ciphers for Embedded Systems." Wiley Security and Communication Networks. (2015): 21. Web. *

Journal Paper: Rantos, K., et al. "Policy-controlled Authenticated Access to LLN-connected Healthcare Resources." IEEE Systems Journal. (2015): 1-11. Print. *

Published Conference Proceedings: Fysarakis, Konstantinos, et al. "WSACd - A Usable Access Control Framework for Smart Home Devices." Proceedings of the 9th WISTP International Conference on Information Security Theory and Practice (WISTP 2015). Ed. Raja Naeem Akram, Sushil Jajodia. Germany, Germany: Springer International Publishing, 2015. Print. *

Published Conference Proceedings: Fysarakis, K., et al. "RT-SPDM: Real-time Security Privacy & Dependability Management of Heterogeneous Systems." Proceedings of the 3rd Int. Conference on Human Aspects of Information Security, Privacy and Trust (HAS 2015). Ed. Theo Tryfonas, Ioannis Askoxylakis. Germany, Germany: Springer-Verlag Berlin Heidelberg, 2015. Print. *

Published Conference Proceedings: Hatzivasilis, George, et al. "Lightweight Password Hashing Scheme for Embedded Systems." Proceedings of the 9th WISTP International Conference on Information Security Theory and Practice (WISTP 2015). Ed. Raja Naeem Akram and Sushil Jajodia. Germany, Germany: Springer International Publishing, 2015. Print. *

Published Conference Proceedings: Valkaniotis, T. and C. Manifavas. "An Automated Network Intrusion Process and Countermeasures." Proceedings of the 19th Panhellenic Conference on Informatics (PCI 2015). Ed. N. Karanikolas, D. Akoumianakis, M. Nikolaidou, D. Vergados and M. Xenos. New York, NY: ACM, Print. *

Journal Paper: K.Fysarakis, , et al. "Node.DPWS: Efficient Web Services for the IoT." IEEE Software PP. 99 (2015): 1. Web. *

Mohamed A Samaha

Journal Paper: H, Leo, et al. "Errors in Parallel-plate and Cone-plate Rheometer Measurements Due to Sample Underfill." Measurement Science and Technology Email alert RSS feed. (2015): 15301. Web. « £

Journal Paper: Jacobi, Ian, et al. "Stratified Thin-film Flow in a Rheometer." Physics of Fluids 27. 5 (2015): 52102. Web. * « £ ≠

FEATURED FACULTY

HARRY MANIFAVAS IS AN ASSOCIATE PROFESSOR IN THE ELECTRICAL ENGINEERING AND COMPUTING SCIENCES DEPARTMENT AT RIT DUBAI. HE RECEIVED HIS PHD FROM THE UNIVERSITY OF CAMBRIDGE IN 2002 AND HIS WORK FOCUSES ON VARIOUS TOPICS PERTAINING TO CRYPTOGRAPHY, NETWORK AND INFORMATION SYSTEMS SECURITY.

His research interests include lightweight cryptographic primitives, security metrics, security composition, embedded systems security and dependability and the challenges that arise with the wider adoption of ambient intelligence and ubiquitous computing applications. Such challenges also include the various privacy and trust issues that must be addressed in the context of the Internet of Things and ubiquitous smart infrastructures, as well as the pertinent security management issues. He has participated as technical coordinator or senior security engineer in a number of EU-funded research projects.

He currently concentrates his research efforts on the security of real-time embedded and cyber-physical systems that become increasingly important, following the growing trend of adopting pervasive computing in the context of industrial and critical infrastructure applications. A number of questions need to be answered when highly distributed and connected embedded technologies, with various dynamics and unpredictable behavior, must satisfy multiple critical constraints, including safety, security, power efficiency, high performance, low latency, size and cost. New methods and tools for cyber-physical systems and systems of systems need to emerge that will ensure adaptability, scalability, complexity management, security and safety, and provide trust to humans in the loop. Work is already underway in this area, driven by industrial needs, in collaboration with large companies and SMEs.

HARRY MANIFAVAS
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