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Message from the **Provost**



Over the past few years, RIT has had an impressive impact with the research, scholarship, and creative work produced by our faculty. This effort is inspiring in both its breadth and depth, and clearly contributes substantially to raising the national and international reputation of RIT. Scholarly activity is integrally fused with the education of our students, and ultimately provides the path by which our students become scholars themselves. The best teacher-scholars engage in scholarship that enhances and complements our educational effectiveness. The impact of the research and scholarly activities our faculty members embark on have impact on the students we teach, our peers within the academic community, and the world.

The connections made by RIT faculty through research, scholarship and creative work establish new opportunities for our students, and prepare them for the next stage of their careers. In this way, our academic, commercial or industrial partners also benefit from the progress faculty make within their fields of study. Through the continuing efforts of our teacher-scholars, our students are able to experience first-hand the practices of innovation, critical thinking and problem-solving that will help them to find success both academically and professionally. It is with great pride that I present this report highlighting our faculty's scholarly achievements during 2013.

A handwritten signature in black ink that reads "Jeremy Haefner". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Jeremy Haefner, Ph.D.
Provost and Senior Vice President for Academic Affairs
Rochester Institute of Technology

Computing & Information Sciences

Computer Science

Hans-Peter Bischof, Professor

Published Conference Proceedings: Bischof, Hans-Peter. "How Data Can Become Data A Movie Star." Proceedings of the MSV 2013, Las Vegas. Ed. Hamid R. Arabnia. Las Vegas, Nevada: n.p., Print. *

Published Conference Proceedings: Shrivastava, Meenakshi and Hans-Peter Bischof. "Hadoop-Collaborative Caching in Real Time HDFS." Proceedings of the PDPTA'13 Las Vegas. Ed. Hamid Arabnia. Las Vegas, NV: n.p., Print. *

Zachary Butler

Published Conference Proceedings: Butler, Zack, Rajendra Raj, and Minseok Kwon. "Integrating Highly-Capable Corobots into a Computing Curriculum." Proceedings of the Frontiers in Education. Ed. Randa Shehab, Jim Sluss, and Deborah Trytten. Oklahoma City, OK: n.p., 2013. Web. ~

Published Conference Proceedings: Butler, Zack, et al. "Easily-programmable Corobots for Student Use." Proceedings of the International Conference on Advanced Robotics. Ed. Javier Ruiz de Solar. Montevideo, UY: n.p., 2013. Web. ~

Henry A Etlinger, Associate Professor

Published Conference Proceedings: Etlinger, Henry A. "Adding a Contributing Student Pedagogy Component to an Introductory Database Course." Proceedings of the 44th ACM Technical Symposium on Computer Science Education. Ed. Renee McCauley, et al. Denver, CO: ACM New York, NY, USA, 2013. Web. « £

Matthew Fluet, Assistant Professor

Published Conference Proceedings: Fluet, Matthew. "A Type-and Control-Flow Analysis for System F." Proceedings of the 24th Symposium on Implementation and Application of Functional Languages (Oxford, UK; August 30-September 1, 2012). Ed. Ralf Hinze. New York, NY: Springer, 2013. Print. *

Published Conference Proceedings: Bergstron, Lars, et al. "Data-Only Flattening for Nested Data Parallelism." Proceedings of the 18th ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (Shenzhen, China; February 23-27, 2013). Ed. Saman Amarasinghe and Richard Vuduc. New York, NY: ACM, 2013. Print. *

Invited Presentations/Keynotes: Fluet, Matthew. "The Manticore Project." The 2nd ACM SIGPLAN Workshop on Functional High-Performance Computing. ACM. Boston, MA. 24 Sep. 2013. Conference Presentation.

Joe Geigel, Associate Professor

Published Conference Proceedings: Bethamcherla, Vasudev, et al. "Use of Facial Motion Capture For Hands Free Control of Computer Applications." Proceedings of the ACM Symposium on Applied Perception (SAP 2103), Dublin, Ireland, August 22-23, 2013. Ed. J. Geigel and J. Steffanucci. New York, NY: ACM, Web. *

Published Conference Proceedings: Lakin, Susan and Joe Geigel. "Exploring the Intersection Between Art, Music, and Technology." Proceedings of the ACM SIGGRAPH 2013 Talks. Ed. ACM. New York, NY: ACM, Web. *

Published Conference Proceedings: Wang, Yuqiong, Joe Geigel, and Andrew Herbert. "Reading Personality: Avatar vs. Human Faces." Proceedings of the 5th International Conference on Affective Computing and Intelligent Interaction - ACII'13, Geneva, Switzerland. Ed. Anton Nijholt, Sidney D'Mello, Maja Pantic. Washington, DC: IEEE Computer Society, Web. *

James E Heliotis

Invited Presentations/Keynotes: Heliotis, James, Ivona Bezáková, and Sean Strout. "Programming Board Game Strategies in CS2." Frontiers in Education 2013. IEEE Computer Society, ASEE, IEEE. Oklahoma City, OK. 23 Oct. 2013. Conference Presentation. ~

Edith Hemaspaandra, Professor

Published Conference Proceedings: Fitzsimmons, Z., E. Hemaspaandra, and L. Hemaspaandra. "Control in the Presence of Manipulators: Cooperative and Competitive Cases." Proceedings of the Twenty-Third International Joint Conference on Artificial Intelligence (IJCAI 2013). Beijing, China: n.p., 2013. Web. «

Published Conference Proceedings: Faliszewski, P., E. Hemaspaandra, and L. Hemaspaandra. "Weighted Electoral Control." Proceedings of the Twelfth International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2013). Saint Paul, MN: n.p., 2013. Web. «

Published Conference Proceedings: Hemaspaandra, E., L. Hemaspaandra, and C. Menton. "Search versus Decision for Election Manipulation Problems." Proceedings of the 30th Annual Symposium on Theoretical Aspects of Computer Science (STACS 2013). Kiel, Germany: n.p., 2013. Web. *

Published Conference Proceedings: Hemaspaandra, E., L. Hemaspaandra, and J. Rothe. "The Complexity of Online Manipulation of Sequential Elections." Proceedings of the 14th Conference on Theoretical Aspects of Rationality and Knowledge (TARK XIV). Chennai, IN: n.p., 2013. Web. *

Christopher M Homan

Journal Paper: DiFonzo, N., et al. "Rumor Clustering, Consensus, and Polarization: Dynamic Social Impact and Self-Organization of Hearsay." Journal of Experimental Social Psychology 49. 3 (2013): 378-399. Print. *

Book Chapter: Homan, C. and V. Silenzio. "Social Networking Services and Analysis." Social Networking: Recent Trends, Emerging Issues and Future Outlook. Hauppauge, NY: Nova Science Publishers, 2013. 74-100. Print. Δ

Published Conference Proceedings: Homan, C., V. Silenzio, and R. Sell. "Respondent-driven Sampling in Online Social Networks." Proceedings of the Social Computing, Behavioral-Cultural Modeling and Prediction. Ed. Ariel M. Greenberg, William G. Kennedy, and Nathan D. Bos. Washington, DC: Springer, 2013. Print. *



Joe Geigel, GCCIS and Marla Schweppe, CIAS



REYNOLD BAILEY IS AN ASSOCIATE PROFESSOR IN THE COMPUTER SCIENCE DEPARTMENT IN THE B. THOMAS GOLISANO COLLEGE OF COMPUTING AND INFORMATION SCIENCES. HIS RESEARCH INTERESTS LIE IN THE FIELD OF APPLIED VISUAL PERCEPTION IN COMPUTER GRAPHICS.

Researchers have been studying the human visual system for centuries. By comparison, the field of computer graphics is only about fifty years old. The amount of research literature on the human visual system, and the rate at which new findings are published, are extraordinary. Bailey's research seeks to exploit the ever-expanding knowledge of the human visual system to develop innovative computer graphics applications, novel rendering techniques, and better display systems. His research activities are motivated by a multidisciplinary study in the areas of computer graphics, physiology, physics, psychology, and art.

Bailey was awarded a National Science Foundation Faculty Early Career Development (NSF CAREER) grant to further his work in the area of gaze manipulation. The ability to direct a viewer's attention has important applications in computer graphics, data visualization, image analysis, and training. Bailey and his collaborators have developed techniques which guide viewer attention about a display in a manner that has minimal impact on the viewing experience. Their studies have found that guiding someone's attention can improve their spatial understanding and their recollection of size, shape, and location of objects. A mammography training application that uses the scanpath and fixations of expert radiologists to guide novices has also been developed.

Bailey and his collaborators are currently developing and testing various approaches to extend the concept of gaze manipulation beyond digital imagery to include real-world environments. To learn more about Bailey's work, go to <https://sites.google.com/a/g.rit.edu/gaze-manipulation/>.

REYNOLD BAILEY

ASSOCIATE PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE

B. THOMAS GOLISANO COLLEGE OF COMPUTING AND INFORMATION SCIENCES

Trudy M Howles

Published Conference Proceedings: Howles, T., et al. "Information Management and Decision Support in Critical Infrastructure Emergencies at the Local Level." Proceedings of the IEEE Conference on Technologies for Homeland Security (HST '13). Ed. Israel Soibelman. Boston, MA: IEEE, 2013. Print. «

Published Conference Proceedings: Howles, T., et al. "A Curricular Framework for Critical Infrastructure Protection Education for Engineering, Technology and Computing Majors." Proceedings of the Proceedings of the IEEE Frontiers in Education Conference (FIE 13). Ed. Randa Shehab, Jim Sluss, and Deborah Tryt. Oklahoma City, OK: n.p., 2013. Web. «

Mohan J Kumar

Journal Paper: Raychoudhary, V., et al. "Middleware for Pervasive Computing." Elsevier's Pervasive and Mobile Computing 9. 2 (2013): 177-200. Print. ~

Journal Paper: Shah, K., M. Di Francesco, and M. Kumar. "Distributed Resource Management in Wireless Sensor Networks using Reinforcement Learning." Springer's Wireless Networks (WINET) 19. 5 (2013): 705-724. Print. ~

Published Conference Proceedings: Qayyum, S., et al. "PCV: Predicting Contact Volume for Reliable and Efficient Data Transfers in Opportunistic Networks." Proceedings of the IEEE International Conference on Local Computer Networks (LCN 2013). Sydney, Australia: IEEE, 2013. Web. ~

External Scholarly Fellowships:

5/20/2013 -

7/26/2013

Office of Naval Research

Amount: \$16500

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Invited Presentations/Keynotes: Kumar, Mohan. "Collusion-Resistant Incentive-Compatible Routing and Forwarding in Opportunistic Networks." Colloquium at the National Information and Communications Technologies Australia, Sydney Center, Australia. NICTA. Sydney, AU. 22 Oct. 2013. Guest Lecture.

Invited Presentations/Keynotes: Kumar, Mohan. "Distributed Opportunistic Computing: Challenges and Opportunities." Invited Colloquium. University of Rochester. Rochester, NY. 18 Nov. 2013. Guest Lecture.

Xumin Liu, Assistant Professor

Journal Paper: Liu, Xumin, et al. "Ev-LCS: A System for the Evolution of Long-Term Composed Services." IEEE Transactions on Services Computing 6. 1 (2013): 102-115. Print. *

Published Conference Proceedings: Liu, Xumin, Hua Liu, and Ding Chen. "Incorporating User Behavior Patterns to Discover Workflow Models From Event Logs." Proceedings of the IEEE International Conference on Web Services. Ed. Michael Lyu. Santa Clara, CA: n.p., 2013. Print. *

Published Conference Proceedings: Almuaidbid, Abdullah and Xumin Liu. "An Efficient Interaction Framework for Mobile Web Services." Proceedings of the 10th International Conference on Mobile Web Information Systems. Ed. Florian Daniel and Philippe Thiran. Paphos, Cyprus: n.p., 2013. Print. *

Full Length Book: Liu, Chunmei, et al. Applications of Machine Learning in Genomics and Systems Biology, Computational and Mathematical Methods in Medicine. New York, NY: Hindawi Publishing Corporation, 2013. Print.

Published Conference Proceedings: Gaurav, Mitra, et al. "A Request Oriented Model for Web Services." Proceedings of the Australasian Web Conference. Ed. Helen Ashman, Michael Sheng, and Andrew Trotman. Adelaide, Australia: n.p., 2013. Print. *

Published Conference Proceedings: Xumin, Liu, et al. "Incorporating Service-Oriented Programming Techniques into Undergraduate CS and SE Curricula." Proceedings of the 2013 IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss, and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. *

Published Conference Proceedings: Xumin, Liu, et al. "Teaching Service-Oriented Programming to CS and SE Undergraduate Students, Workshop." Proceedings of the 2013 IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss, and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. *

Published Conference Proceedings: Yang, Li and Xumin Liu. "Teaching Business Analytics." Proceedings of the 2013 IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss, and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. *

Sumita Mishra, Assistant Professor

Published Conference Proceedings: Mishra, S., et al. "A Framework for Critical Infrastructure Protection Education for Engineering, Technology and Computing Majors." Proceedings of the Frontiers in Education Conference. Ed. unknown. Oklahoma City, OK: IEEE, 2013. Print. *

Stanislaw Radziszowski, Professor

Published Review: Radziszowski, Stanislaw. Rev. of The Ramsey Number of Dense Graphs, by David Conlon. Mathematical Reviews 2013: MR3065018. Print.

Published Review: Radziszowski, Stanislaw. Rev. of Upper Bound on the Edge Folkman Number $Fe(3,3,3;13)$, by Nikolay Rangelov Kolev. Mathematical Reviews 2013: MR2953582. Print.

Published Review: Radziszowski, Stanislaw. Rev. of Three Color Ramsey Numbers for Graphs with at most 4 Vertices, by Luis Boza, Janusz Dybizbanski, Tomasz Dzido. Mathematical Reviews 2013: MR3007182. Print.

Journal Paper: Goedgebeur, Jan and Stanislaw Radziszowski. "The Ramsey Number $R(3, K_{10-e})$ and Computational Bounds for $R(3, G)$." Electronic Journal of Combinatorics 20. 4 (2013): #P19, 25 pages. Web. £

Journal Paper: Xu, Xiaodong and Stanislaw Radziszowski. "Bounds on Shannon Capacity and Ramsey Numbers from Product of Graphs." IEEE Transactions on Information Theory 59. 8 (2013): 4767-4770. Print. £

Journal Paper: Goedgebeur, Jan and Stanislaw Radziszowski. "New Computational Upper Bounds for Ramsey Numbers $R(3, k)$." Electronic Journal of Combinatorics 20. 1 (2013): P30, 28 pages. Web. £

Rajendra Raj, Professor

Published Conference Proceedings: Romanowski, Carol J, et al. "Information Management and Decision Support in Critical Infrastructure Emergencies at the Local Level." Proceedings of the 2013 IEEE International Conference on Technologies for Homeland Security. Ed. Israel Soibelman. Boston, MA: IEEE, 2013. Print. * £

Published Conference Proceedings: Liu, Xumin, et al. "Teaching Service-Oriented Programming to CS and SE Undergraduate Students, Workshop." Proceedings of the 2013 IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. * £

Published Conference Proceedings: Romanowski, Carol J. and Rajendra K. Raj. "Catching the Wave: Big Data in the Classroom, Mini-workshop." Proceedings of the 2013 IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. * £

Published Conference Proceedings: Mishra, Sumita, et al. "A Curricular Framework for Critical Infrastructure Protection Education for Engineering, Technology and Computing Majors." Proceedings of the 2013 IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. * £

Published Conference Proceedings: Butler, Zack, Rajendra K. Raj, and Minseok Kwon. "Integrating Highly-capable Corobots into a Computing Curriculum." Proceedings of the 2013 IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. * £

Published Conference Proceedings: Liu, Xumin, et al. "Incorporating Service-Oriented Programming Techniques into Undergraduate CS and SE Curricula." Proceedings of the 2013 IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. * £

Published Conference Proceedings: Alshehri, Suhair and Rajendra K. Raj. "Secure Access Control for Health Information Sharing Systems." Proceedings of the IEEE International Conference on Healthcare Informatics 2013 (ICHI 2013). Ed. Carlo Combi, Zhiyong Lu and Yin-Leng Theng. Philadelphia, PA: IEEE, 2013. Print. * £ †

Carol J Romanowski

Published Conference Proceedings: Mishra, Sumita, et al. "A Curricular Framework for Critical Infrastructure Protection Education for Engineering, Technology and Computing Majors." Proceedings of the IEEE Frontiers in Education. Ed. Randa Shehab, Jim Sluss and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. *

Published Conference Proceedings: Romanowski, Carol J and Rajendra K Raj. "Catching the Wave: Big Data in the Classroom, Mini-workshop." Proceedings of the IEEE Frontiers in Education Conference. Ed. Randa Shehab, Jim Sluss, and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. *

Published Conference Proceedings: Romanowski, Carol J, et al. "Information Management and Decision Support in Critical Infrastructure Emergencies at the Local Level." Proceedings of the IEEE International Conference on Technologies for Homeland Security. Ed. Israel Soibelman. Boston, MA: IEEE, 2013. Print. *

Published Conference Proceedings: Romanowski, Carol J and Jennifer Schneider. "Decision Making to Support Local Emergency Preparation, Response, and Recovery." Proceedings of the IEEE International Conference on Technologies for Homeland Security. Ed. Israel Soibelman. Boston, MA: IEEE, 2013. Print. *



Published Conference Proceedings: Sundar, Sivakumar, et al. "Warranty Prediction During Product Development: Developing an Event Generation Engine." Proceedings of the International Design Engineering Technical Conferences and Computers in Information in Engineering. Ed. ASME. Portland, OR: ASME, 2013. Print. *

Published Conference Proceedings: Romanowski, C., et al. "Information Management and Decision Support in Critical Infrastructure Emergencies at the Local Level." Proceedings of the IEEE Conference on Technologies for Homeland Security (HST '13). Ed. unknown. Waltham, MA: IEEE, 2013. Print. *

Richard Zanibbi, Associate Professor

Published Conference Proceedings: Augereau, Olivier and Daniel Walker. "Edited Collection." Proceedings of the Document Recognition and Retrieval XX. Ed. Richard Zanibbi and Bertrand Couasnon (Eds.). San Francisco, CA: SPIE, 2013. Print.

Published Conference Proceedings: Castellanos, K.D., et al. "AccessMath: Indexing and Retrieving Video Segments Containing Math Expressions Based on Visual Similarity." Proceedings of the IEEE Western New York Image Processing Workshop. Ed. N. Cahill. Rochester, NY: n.p., 2013. Web. *

Published Conference Proceedings: Alvaro, F. and R. Zanibbi. "A Shape-Based Layout Descriptor for Classifying Spatial Relationships in Handwritten Math." Proceedings of the ACM Symposium on Document Engineering. Ed. S. Marinai. Florence, Italy: n.p., 2013. Print. *

Published Conference Proceedings: Mouchere, H., et al. "ICDAR 2013 CROHME: Third International Competition on Recognition of Online Handwritten Mathematical Expressions." Proceedings of the Int. Conference on Document Analysis and Recognition. Ed. D. Doermann. Washington, DC: n.p., 2013. Print. *

Published Conference Proceedings: Zhu, S. and R. Zanibbi. "Label Detection and Recognition for USPTO Images Using Convolutional K-means Feature Quantization and AdaBoost." Proceedings of the Int. Conference on Document Analysis and Recognition. Ed. D. Doermann. Washington, DC: n.p., 2013. Print. *

Published Conference Proceedings: Hu, L. and R. Zanibbi. "Segmenting Handwritten Math Symbols Using AdaBoost and Multi-Scale Shape Context Features." Proceedings of the Int. Conference on Document Analysis and Recognition. Ed. D. Doermann et al. Washington, NY: n.p., 2013. Print. *

Published Conference Proceedings: Zanibbi, R., H. Mouchere, and C. Viard-Gaudin. "Evaluating Structural Pattern Recognition for Handwritten Math via Primitive Label Graphs." Proceedings of the SPIE Document Recognition and Retrieval XX. Ed. R. Zanibbi and B. Couasnon. San Francisco, CA: n.p., 2013. Print. *

Published Conference Proceedings: Zhu, S., L. Hu, and R. Zanibbi. "Rotation-robust Math Symbol Recognition and Retrieval Using Outer Contours and Image Subsampling." Proceedings of the Document Recognition and Retrieval XX. Ed. R. Zanibbi and B. Couasnon. San Francisco, CA: SPIE, 2013. Print. *

Department of Computing Security

Daryl G Johnson, Associate Professor

Published Conference Proceedings: Hartpence, Bruce, et al. "Natural Selection in Virtualization Environments: A Decade of Lessons from Academia." Proceedings of the EISTA'13: The 11th International Conference on Education and Information Systems, Technologies and Applications. Orlando, FL: n.p., 2013. Print. *

Published Conference Proceedings: Johnson, Daryl, et al. "Designing, Constructing and Implementing a Low-Cost Virtualization Cluster for Education." Proceedings of the EISTA'13: The 11th International Conference on Education and Information Systems, Technologies and Applications. Orlando, FL: n.p., 2013. Print. *

Published Conference Proceedings: Markowsky, George, et al. "The 2013 NECCDC - Lessons Learned." Proceedings of the SAM'13 - The 2013 International Conference on Security and Management. Las Vegas, NV: n.p., 2013. Print. *

Published Conference Proceedings: Feeney, Kyle and Daryl Johnson. "XSS Cookie Injection Covert Channel." Proceedings of the SAM'13 - The 2013 International Conference on Security and Management. Las Vegas, NV: n.p., 2013. Print. *

Published Conference Proceedings: Radford, Ross and Daryl Johnson. "Composite Covert Channels through EVE Online." Proceedings of the SAM'13 - The 2013 International Conference on Security and Management. Las Vegas, NV: n.p., 2013. Print. *

Published Conference Proceedings: Delva, Wesley and Daryl Johnson. "SSDP Covert Channel." Proceedings of the SAM'13 - The 2013 International Conference on Security and Management. Las Vegas, NV: n.p., 2013. Print. *

Sumita Mishra, Assistant Professor

Book Chapter: Oh, T., S. Mishra, and C. Hochgraf. "Smart Grid Security in the Last Mile." Security and Privacy in Smart Grids. Ed. Yang Xiao. Boca Raton, FL: CRC Press, 2013. 271-290. Print. *

Published Conference Proceedings: Huba, W., et al. "Towards A Web Tracking Profiling Algorithm." Proceedings of the IEEE Conference on Technologies for Homeland Security (HST '13). Ed. Israel Soibelman. Boston, MA: IEEE, 2013. Print. * «

Published Conference Proceedings: Romanowski, C., et al. "Information Management and Decision Support in Critical Infrastructure Emergencies at the Local Level." Proceedings of the IEEE Conference on Technologies for Homeland Security (HST '13). Ed. Israel Soibelman. Boston, MA: IEEE, 2013. Print. * «

Published Conference Proceedings: Pan, Y. and S. Mishra. "Advanced Forensics Labs to Meet Computer Forensics Challenges Due to Technological Advancements." Proceedings of the 17th Colloquium for Information Systems Security Education (CISSE 2013). Ed. CISSE. Mobile, AL: CISSE, 2013. Print. «

Published Conference Proceedings: Mishra, S., et al. "A Curricular Framework for Critical Infrastructure Protection Education for Engineering, Technology and Computing Majors." Proceedings of the IEEE Frontiers in Education Conference (FIE 13). Ed. Randa Shehab, Jim Sluss and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. *

Rick Mislán, Lecturer

Published Conference Proceedings: Mislán, Richard P. and Tae Oh. "Mobile Security and Vulnerability Exploitation as a Flipped Classroom Security Curriculum." Proceedings of the 8th Annual Symposium on Information Assurance (ASIA-13). Ed. Sanjay Goel. Albany, NY: n.p., 2013. Print. *

Published Conference Proceedings: Embling, Eric, Sheena Gilbert, and Richard P. Mislán. "Designing and Implementing a Wireless Carrier Topology in a Lab Environment." Proceedings of the IEEE Global Wireless Summit - PRISMS 2013. Atlantic City, NJ: n.p., 2013. Print. *

Published Conference Proceedings: Szost, C., et al. "Android Malware Behaviors for Android Platform Using Interactive Labs." Proceedings of the 8th Annual Symposium on Information Assurance (ASIA-13). Ed. Sanjay Goel. Albany, NY: n.p., 2013. Print. *

Patents: Mislán, Richard P. and Sean Lane. "Apparatus and System for Electronic Device Interrogation and Data Extraction." Patent 8425258. 23 Apr. 2013.

Yin Pan, Associate Professor

Published Conference Proceedings: Pan, Yin and Sumita Mishra. "Advanced Forensics Labs to Meet Computer Forensics Challenges Due to Technological Advancements." Proceedings of the 17th Colloquium for Information Systems Security Education. Mobile, Alabama: n.p., 2013. Print. «

Published Conference Proceedings: Huba, Bill, et al. "Towards A Web Tracking Profiling Algorithm." Proceedings of the 2013 IEEE International Conference on Technologies for Homeland Security. Waltham, Massachusetts: n.p., 2013. Print. «

Published Conference Proceedings: Xiong, Kaiqi and Yin Pan. "Understanding ProtoGENI in Networking Courses for Research and Education." Proceedings of the Second GENI Research and Educational Experiment Workshop (GREE2013). Ed. Conference. Salt Lake City, Utah: n.p., 2013. Print. *

Bill Stackpole, Associate Professor

Published Conference Proceedings: Hartpence, Bruce, et al. "Natural Selection in Virtualization Environments: A Decade of Lessons from Academia." Proceedings of the 11th International Conference on Education and Information Systems, Technologies and Applications: EISTA, Orlando Florida, July 2013. Orlando, FL: n.p., Print. *

Published Conference Proceedings: Johnson, Daryl, et al. "Designing, Constructing and Implementing a Low-Cost Virtualization Cluster for Education." Proceedings of the 11th International Conference on Education and Information Systems, Technologies and Applications: EISTA, Orlando, FL July 2013. Orlando, FL: n.p., Print. *

Published Conference Proceedings: Markowsky, George, et al. "The 2013 NECCDC - Lessons Learned." Proceedings of the 2013 International Conference on Security and Management. Las Vegas, NV: n.p., Print. *

Published Conference Proceedings: Szost, Colin, et al. "Teaching Android Malware Behaviors for Android Platform using Interactive Labs." Proceedings of the Annual Symposium on Information Assurance, Albany, NY June 2013. Albany, NY: n.p., Print. *

Published Conference Proceedings: Sharma, Kriti, et al. "Malware Analysis for Android Operating System." Proceedings of the Annual Symposium on Information Assurance, Albany, NY June 2013. Albany, NY: n.p., Print. *

Published Conference Proceedings: Andrews, Benjamin, Tom Oh, and Bill Stackpole. "Android Malware Analysis Platform." Proceedings of the Annual Symposium on Information Assurance, Albany, NY June 2013. Albany, NY: n.p., Print. *

Shows/Exhibits/Installations: Szost, Colin. Teaching Android Malware Behavior for the Android Platform Using Interactive Labs. By Colin Szost, Tom Oh, and Bill Stackpole. May 2013. ImagineRIT, Rochester. Exhibit. ~

Kaiqi Xiong, Assistant Professor

Full Length Book: Kolodziej, J., et al. Algorithms and Architectures for Parallel Processing. Cham, Heidelberg, New York, and Dordrecht London, Heidelberg: Springer, 2013. Print. *

Published Conference Proceedings: Reddy, S., S. Shetty, and K. Xiong. "Security Risk Assessment of Cloud Carriers." Proceedings of the 13th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGRID). Ed. T Fahringer. Delft, The Netherlands: n.p., 2013. Print. £

Published Conference Proceedings: Xiong, K. and Y. He. "Power-efficient Resource Allocation in MapReduce Clusters." Proceedings of the 13th IEEE/IFIP Integrated Network Management Symposium (IM). Ed. F. Turck. Ghent, BE: n.p., 2013. Print. £

Published Conference Proceedings: Xiong, K. and Y. Pan. "Understanding ProtoGENI Resources in Networking Courses for Research and Education." Proceedings of the GENI Research and Education Experimental Workshop (GREE). Ed. GPO. Salt Lake City, UT: IEEE, 2013. Web. £

Journal Paper: Xiong, K. and H. Perros. "Resilient and Performance-guaranteed Composite Services in Cloud Computing." International Journal of Cloud Computing. (2013): 1-15. Print. £

Bo Yuan, Associate Professor

Published Conference Proceedings: Huba, William, et al. "Towards A Web Tracking Profiling Algorithm." Proceedings of the IEEE International Conference on Technologies for Homeland Security. Ed. Israel Soibelman. Waltham, MA: n.p., 2013. Print. *

Information Sciences and Technologies

Dan Bogaard, Associate Professor

Published Conference Proceedings: Zilora, Stephen J, Daniel S Bogaard, and Jim Leone. "The Changing Face of Information Technology." Proceedings of the SIGITE/RIIT 2013. Ed. William D Armitage, Rob Friedman, and Ken Baker. Orlando, FL: ACM, 2013. Print. «

Journal Paper: Friedel, Viky, et al. "Five-year Prospective Study of Pediatric Acute Otitis Media in Rochester, NY: Modeling Analysis of the Risk of Pneumococcal Colonization in the Nasopharynx and Infection." Journal of Epidemiology and Infection. December (2013): 1-9. Print. «

Thomas J Borrelli

Published Conference Proceedings: Holden, Edward and T.J. Borrelli. "Investigating the Effectiveness of Early Programming-Centric Models for IT Education." Proceedings of the ACM SIGITE 2013 Annual Conference on Information Technology Education. Orlando, Florida: n.p., 2013. Web. * Δ

Jill C Bray

Invited Presentations/Keynotes: Egert, C. and A. Phelps. "RIT's MAGIC Center." WNY Computes! The Fall Conference of the Western New York Computer Science Teachers Association. Buffalo, NY. 18 Oct. 2013. Conference Presentation.

Michael J Floeser

Journal Paper: Blochel, Kevin, et al. "A Serious Game for Measuring Disaster Response Spatial Thinking." *ArcUser*. Summer (2013): 12-15. Web.

Deborah Gears, Associate Professor

Published Conference Proceedings: Gears, Deborah and Carla Lorek. "Context Matters: A Grounded Theory Analysis of Wiki Engagement." *Proceedings of the Proceed International Conference on Multimedia and Human Computer Interaction*. Toronto, Canada: n.p., 2013. Print. «

Published Conference Proceedings: Gears, Deborah and Karen Braun. "Gamification in Business: Designing Motivating Solutions to Problem Situations." *Proceedings of the CHI 2013 Gamification Workshop*. Ed. CHI 2013 Gamification Workshop. Paris, France: n.p., 2013. Web. £

Vicki L Hanson

Published Conference Proceedings: Heron, Michael, Vicki L. Hanson, and Ian Ricketts. "The ACCESS Framework: A Technical Framework for Adaptive Accessibility Support." *Proceedings of the 5th ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS '13)*; London, June 24 - 26. Ed. Peter Forbrig and Prasun Dewan. New York, NY: ACM, Print. *

Journal Paper: Hanson, Vicki L. and John T. Richards. "Progress on Website Accessibility?" *ACM Transactions on the Web* 7. 1 (2013): Article 2, (March 2013), 30 pages. Print. *

Published Conference Proceedings: Gibson, Lorna and Vicki L. Hanson. "Digital Motherhood: How Does Technology Support New Mothers?" *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '13)*. Ed. Stephen Brewster and Susanne Bodker. New York, NY: ACM, Print. *

Journal Paper: Heron, Michael, Vicki L. Hanson, and Ian Ricketts. "Open Source Accessibility: Advantages and Limitations." *Journal of Interaction Science* 1. (2013): Article 2, 10 pages. Print. «

Journal Paper: Heron, Michael, Vicki L. Hanson, and Ian Ricketts. "Accessibility Support with the ACCESS Framework." *International Journal of Human Computer Interaction* 29. 11 (2013): 702-716. Print. ~

Journal Editor: Sears, Andrew and Vicki L. Hanson, ed. *ACM Transactions on Accessible Computing*. New York, NY: ACM, 2013. Web.

Published Conference Proceedings: Medellin-Gasque, Rolando, Chris Reed, and Vicki L. Hanson. "A Protocol for Software-Supported Interaction with Broadcast Debates." *Proceedings of the Open Digital, Fourth Annual Digital Economy All Hands Conference*. Ed. Nick Race and Paul Sermon. Salford, UK: n.p., 2013. Web. *

Published Conference Proceedings: Noval, Chris, John Arnott, and Vicki L. Hanson. "Older Adults and Social Networking Sites: Developing Recommendations for Inclusive Design." *Proceedings of the Open Digital, Fourth Annual Digital Economy All Hands Conference*. Ed. Nick Race and Paul Sermon. Salford, UK: n.p., 2013. Web. *

Published Conference Proceedings: Nicolau, Hugo, et al. "Augmenting Braille Input Through Multi-Touch Feedback." *Proceedings of the ACM Symposium on User Interface Software and Technology (UIST '13)*. Ed. Ivan Poupyrev and Takeo Igarashi. New York, NY: ACM, 2013. Print. *

Published Conference Proceedings: Stewart, Craig, Penny Traitor, and Vicki L. Hanson. "Wheels in Motion: Inertia Sensing in Roller Derby." Proceedings of the ACM Symposium on User Interface Software and Technology (UIST '13). Ed. Ivan Poupyrev and Takeo Igarashi. New York, NY: ACM, 2013. Print. *

Published Conference Proceedings: McIntyre, Lesley and Vicki L. Hanson. "BESiDE-The Built Environment for Social Inclusion in the Digital Economy." Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '13). Ed. Stephen Brewster and Susanne Bodker. New York, NY: ACM, Print. *

Published Conference Proceedings: Vargheese, John Paul, et al. "Persuasive Dialogue in Telecare: Promoting and Encouraging Social Interaction for Older Adults." Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '13). Ed. Stephen Brewster and Susanne Bodker. New York, NY: ACM, 2013. Print. *

Invited Presentations/Keynotes: Hanson, Vicki L. "Accessibility." HCI Guru Lecture Series. Loughborough University. Loughborough, UK. 3 Oct. 2013. Lecture.

Bruce Hartpence, Associate Professor

Published Conference Proceedings: Hartpence, Bruce, et al. "Designing, Constructing and Implementing a Low-Cost Virtualization Cluster for Education." Proceedings of the Education and Information Systems, Technologies and Applications 2013. Ed. IMSCI. Orlando, FL: n.p., 2013. Print. «

Published Conference Proceedings: Hartpence, B., et al. "Natural Selection in Virtualization Environments: A Decade of Lessons from Academia." Proceedings of the Education and Information Systems, Technologies and Applications 2013. Ed. IMSCI. Orlando, FL: n.p., 2013. Print. «

Published Conference Proceedings: Ghosh, A., B. Hartpence, and D. Johnson. "A Practical Study of the Problems of Current Internet Routing Tables." Proceedings of the 2013 International Conference on Security and Management (SAM'13). Ed. Worldcom. Las Vegas, NV: n.p., 2013. Print. *

Lawrence W Hill

Published Conference Proceedings: Hill, Lawrence and Steven Ciccarelli. "Using a Low-Cost Open Source Hardware Development Platform in Teaching Young Students Programming Skills." Proceedings of the SIGITE 2013. Ed. Robert. Friedman. Orlando, Florida: ACM, 2013. Web. «

Edward Holden, Associate Professor

Published Conference Proceedings: Holden, Edward and TJ Borrelli. "Investigating the Effectiveness of Early Programming-Centric Models for IT Education." Proceedings of the Association for Computing Machinery Special Interest Group, Information Technology Education (ACM SIG/ITE). Ed. ACM. Orlando, FL: ACM, 2013. Web. *

Deborah M LaBelle

Invited Presentations/Keynotes: LaBelle, Deborah, et al. "Girls in IT: How to Develop Talent and Leverage Support." Proceedings of the 14th annual ACM SIGITE Conference on Information Technology Education. Association of Computing Machinery. Orlando, FL. 11 Oct. 2013. Conference Presentation. *

Jim Leone, Professor

Published Conference Proceedings: Zilora, Stephen J., Daniel S. Bogaard, and James Leone. "The Changing Face of Information Technology." Proceedings of the SIGITE 2013, Oct. 13, 2013, Orlando, FL (Special Interest Group - Information Technology Education). Ed. Robb Freeman. Orlando, Florida: Association for Computing Machinery, 2013. Print. *

Published Conference Proceedings: Oh, Tae (Tom), Sinan Nancy, and Jim Leone. "Implementing SHA-1 EDDSA in Vehicular Ad-Hoc Network using NS-3." Proceedings of the SIGITE 2013, Oct. 13, 2013, Orlando, FL (Special Interest Group - Information Technology Education). Ed. Robb Freeman. Orlando, Florida: Association for Computing Machinery, 2013. Print. *

Sharon Mason, Associate Professor

Published Conference Proceedings: Johnson, D., et al. "Designing, Constructing and Implementing a Low-Cost Virtualization Cluster for Education." Proceedings of the 7th International Multi-Conference on Society, Cybernetics, and Informatics. Orlando, FL: n.p., 2013. Web. «

Published Conference Proceedings: Hartpence, B., et al. "Natural Selection in Virtualization Environments: A Decade of Lessons from Academia." Proceedings of the 7th International Multi-Conference on Society, Cybernetics, and Informatics. Orlando, FL: n.p., 2013. Web. «

Tae Oh, Associate Professor

Journal Paper: Tangs, Emma, et al. "Effect of Web Caching on Load Time." International Journal of Emerging Technology in Learning 8. 6 (2013): 21-26. Print. «

Journal Paper: Choi, Young, Young Choe, and Tae Oh. "Future Direction for a Next Generation Web." International Journal of Emerging Technology in Learning 8. 6 (2013): 6-10. Print. «

Patents: Ge, Changfeng, et al. "Real-Time Monitoring of Packaging Handling and Transportation." US Provisional Patent Application US, 61/889,914. 1 Sep. 2013. *

Book Chapter: Oh, Tae, Sumita Mishra, and Clark Hochgraf. "Smart Grid Security in the Last Mile." Security and Privacy in Smart Grids. Ed. Yang Xiao. Boca Raton, Florida: CRC Press, 2013. 271-291. Print. *

Published Conference Proceedings: Nancy, Sinan, Tae Oh, and Jim Leone. "Implementation of SHA-1 and ECDSA for Vehicular Ad-hoc Network using NS-3." Proceedings of the ACM SIGITE 2013 Orlando, FL, Oct. 2013, pp. 83-88. Ed. ACM. Orlando, FL: n.p., Print. *

Published Conference Proceedings: Gonzalez, Carlos, Charles Border, and Tae Oh. "Teaching in Amazon's Elastic Cloud Computing." Proceedings of the SIGITE 2013, Orlando, FL, Oct. 2013, pp. 149-150. Ed. ACM. Orlando, FL: n.p., Print. *

Published Conference Proceedings: Szost, Colin, et al. "Teaching Android Malware Behaviors for Android Platform Using Interactive Labs." Proceedings of the ASIA 2013, Albany, NY, June 2013, pp. 69-72. Ed. ASIA. Albany, NY: n.p., Print. *

Published Conference Proceedings: Sharma, Kriti, et al. "Malware Analysis for Android Operating System." Proceedings of the ASIA 2013, Albany, NY, June 2013, pp. 31-35. Ed. ASIA. Albany, NY: n.p., Print. *

Published Conference Proceedings: Mislán, Rick and Tae Oh. "Mobile Device Vulnerability Exploitation as a Security Curriculum Using the Flipped Classroom Model Approach." Proceedings of the ASIA 2013, Albany, NY, June 2013, pp 64-68. Ed. ASIA. Albany, NY: n.p., Print. *

Published Conference Proceedings: Andrew, Ben, Tae Oh, and Bill Stackpole. "Android Malware Analysis Platform." Proceedings of the ASIA 2013, Albany, NY, June 2013, pp. 36-38. Ed. ASIA. Albany, NY: n.p., Print. *

Nirmala Shenoy

Published Conference Proceedings: Shenoy, Nirmala. "Peer to Peer Communications Among Ground Troop." Proceedings of the Communications Systems and Networks (COMSNETS), Bangalore India 4th to 6th Jan 2013. Ed. IEEE and ACM. Bangalore, Karnataka: n.p., Web. *

Published Conference Proceedings: Nozaki, Yoshihiro, Parth Bakshi, and Nirmala Shenoy. "Tiered Gateway Routing Protocol." Proceedings of the Ninth International Conference on Networking and Services (ICNS) 24th to 29th March 2013, Lisbon Portugal. Ed. IARIA and INRIA. Lisbon, Portugal: n.p., Web. *

Published Conference Proceedings: Nozaki, Yoshihiro, Qian Li, and Nirmala Shenoy. "Wireless Sensor Actor Networks For Industry Control." Proceedings of the IARIA and INRIA (Europe) sponsored Ninth International Conference on Networking and Services (ICNS) 24th to 29th March 2013, Lisbon Portugal. Ed. IARIA and INRIA. Lisbon, Portugal: n.p., Web. *

Journal Paper: Tuncer, Hasan and Nirmala Shenoy. "Performance Analysis of Virtual Mobility Domain Scheme vs IPv6 Mobility Protocols." Elsevier Computer Network Journal. (2013): 125-173. Web. *

Journal Paper: Tuncer, Hasan and Nirmala Shenoy. "A Survey of Identity and Handoff Management Approaches." Computer Communications Journal. (2013): 125-173. Web. *

Journal Paper: Huba, Bill and Nirmala Shenoy. "Airborne Surveillance Networks with Directional Antennas." International Journal on Advances in Networks and Services. (2013): 125-173. Web. *

Journal Paper: Golen, Erik and Nirmala Shenoy. "An Underwater Sensor Allocation Scheme for Non-circular Sensing Coverage Regions." Hindawi ISRN Sensor Networks Journal. (2013): 125-173. Web. *

Brian Tomaszewski, Assistant Professor

Published Conference Proceedings: Tomaszewski, Brian, et al. "Promoting Spatial Thinking in Natural Resource Management Through Community Mapping: The Case of Urban and Rural Secondary Schools of Rwanda." Proceedings of the AfricaGIS 2013. Ed. Harlan Onsrud. Addis Ababa, Ethiopia: n.p., 2013. Web. *

Journal Paper: Goe, Michele, Brian Tomaszewski, and Gabrielle Gaustad. "Infrastructure Planning for Solar Technology Recycling." ArcUser 16. 1 (2013): 20-23. Print. £

Published Conference Proceedings: Feeney, E., et al. "Serious Gaming and Spatial Thinking - Emergency Response Case Study." Proceedings of the 2013 ESRI International User Conference. Ed. Esri. San Diego, CA: n.p., 2013. Web. £

Journal Paper: Blochel, Kevin, et al. "A Serious Game for Measuring Disaster Response Spatial Thinking." ArcUser 16. 3 (2013): 12-15. Print. £

Published Conference Proceedings: Mathews, Alyssa and Brian Tomaszewski. "A Serious Game for Quantifying Spatial Thinking." Proceedings of the 2013 NYS GIS Conference. Ed. Ann Deakin. Saratoga Springs, NY: n.p., 2013. Print. £

Invited Presentations/Keynotes: Tomaszewski, Brian. "New Humanities" Have Gone Digital." Faculty Institute on Teaching and Learning. Rochester Institute of Technology. Rochester, New York. 22 May 2013. Guest Lecture.



Invited Presentations/Keynotes: Tomaszewski, Brian. "Spatial Thinking and Serious Games: A Deeper Look at Geospatial Technology Practice." Sustainable Urban Development: International Perspectives on The University as Partner in the Transformation of The Post-Industrial City symposium sponsored by Malmö University, Malmö Sweden and Rochester Institute of Technology. Rochester Institute of Technology. Rochester, New York. 4 Oct. 2013. Lecture. Δ

Invited Presentations/Keynotes: Tomaszewski, Brian and Anthony Vodacek. "Spatial Thinking, Disaster Risk and Visual Analytics: Case Studies from Rwanda." Geography Colloquium. University of Bonn Geography Department. Bonn, Germany. 15 Jul. 2013. Guest Lecture. Δ

Invited Presentations/Keynotes: Tomaszewski, Brian. "Geographically Contextualizing Disasters." Ph.D. Program Colloquium series. GCCIS Computing and Information Sciences Ph.D. Program. Rochester, New York. 11 Jan. 2013. Lecture. Δ

Ronald P Vullo

Published Conference Proceedings: Vullo, Ronald P., Natallia Ivaniuk, and Sean Boyle. "Molly Open Source Online Lecture System." Proceedings of the EEE'13 - The 2013 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government, Las Vegas, NV (July, 2013). Ed. Hamid R. Arabnia, Azita Bahrami, and Fernando G. Tinetti. Las Vegas, NV: n.p., Print. *

Invited Presentations/Keynotes: Vullo, Ronald P. and Catherine I. (Irving) Beaton, M.I.T.E. "A Minor in Web Design and Development for Non-computing Majors." Polytechnic Summit 2013. Wentworth Institute of Technology. Boston, MA. 6 Jun. 2013. Conference Presentation. *

Michael Yacci, Professor

Published Conference Proceedings: Stoll, Steven, Michael Yacci, and Evelyn P. Rozanski. "A Contextual Inquiry into Information Trails for Transactive Memory Systems." Proceedings of the EdMedia 2013 - World Conference on Educational Media and Technology, 2013 Victoria, BC. Ed. Jan Herrington; Alec Couros; Valerie Irvine. Victoria, British Columbia: n.p., 2013. Print. *

Qi Yu, Assistant Professor

Journal Paper: Wu, J., et al. "Selecting Skyline Services for QoS-aware Composition by Upgrading MapReduce Paradigm." Cluster Computing 16. 4 (2013): 693-706. Print. * £

Journal Paper: Andhale, J. P., M. Rege, and Q. Yu. "Discovering Heterogeneous Evolving Web Service Communities Using Semi-Supervised Non Negative Matrix Factorization." International Journal of Machine Learning and Computing (IJMLC) 3. 2 (2013): 201-205. Print. * £

Journal Paper: Yu, Q. "Efficient Large-scale Service Clustering via Sparse Functional Representation and Accelerated Optimization." International Journal of Cooperative Information Systems (IJCIS) 22. 4 (2013): 1-26. Print. * £

Journal Paper: Yu, Q. and A. Bouguettaya. "Efficient Service Skyline Computation for Composite Service Selection." IEEE Transactions on Knowledge and Data Engineering (TKDE) 25. 4 (2013): 776-789. Web. * £

Published Conference Proceedings: Wang, L., et al. "Online Reliability Time Series Prediction for Service-Oriented System of Systems." Proceedings of the 11th International Conference on Service Oriented Computing (ICSOC). Ed. S. Basu. Berlin, Germany: Springer, 2013. Print. * £

Published Conference Proceedings: Chen, L., et al. "WT-LDA: User Tagging Augmented LDA for Web Service Clustering." Proceedings of the 11th International Conference on Service Oriented Computing (ICSOC). Ed. S. Basu. Berlin, Germany: n.p., 2013. Print. * £

Published Conference Proceedings: Wang, H., X. Wang, and Q. Yu. "Optimal Self-Healing of Service-Oriented Systems with Incomplete Information." Proceedings of the IEEE Big Data Congress. Ed. P. Hofmann. Santa Clara, CA: n.p., 2013. Print. * £

Published Conference Proceedings: Wang, H., H. Sun, and Q. Yu. "Reliable Service Composition via Automatic QoS Prediction." Proceedings of the 10th International Conference on Services Computing (SCC 2013). Ed. Michael Goul. Santa Clara, CA: n.p., 2013. Print. * £

Published Conference Proceedings: Naik, S. and Q. Yu. "Evolutionary User Selection to Maximize the Influence of Viral Marketing." Proceedings of the IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM). Ed. Tansel Özyer. Niagara Falls, Canada: n.p., 2013. Print. * £

Published Conference Proceedings: Yu, Q., Z. Zheng, and H. Wang. "Trace Norm Regularized Matrix Factorization for Service Recommendation." Proceedings of the IEEE International Conference on Web Services (ICWS). Ed. Michael Lyu. Santa Clara, CA: n.p., 2013. Print. * £

Full Length Book: Ghose, A., et al. Service-Oriented Computing - ICSOC 2012 Workshops - ICSOC 2012, International Workshops ASC, DISA, PAASC, SCEB, SeMaPS, WESOA, and Satellite Events. Shanghai, China: Springer, 2013. Print.

Invited Presentations/Keynotes: Yu, Qi. "Big Data Analytics in Service Computing." Upstate New York Oracle User Group Educational Workshop. Upstate New York Oracle User Group. Buffalo, NY. 7 Jun. 2013. Conference Presentation.

Steve Zilora, Associate Professor

Published Conference Proceedings: Zilora, Stephen, Daniel Bogaard, and Jim Leone. "The Changing Face of Information Technology." Proceedings of the SIGITE/RiIT 2013 ACM Conference on IT Education. Ed. ACM. New York, NY: n.p., Web. «

Journal Paper: Friedel, Vicki, et al. "Five-year Prospective Study of Pediatric Acute Otitis Media in Rochester, NY: Modeling Analysis of the Risk of Pneumococcal Colonization in the Nasopharynx and Infection." Journal of Epidemiology and Infection. December (2013): 1-9. Print. «

PhD Program

Anne Haake, Professor

Published Conference Proceedings: Li, Rui, Pengcheng Shi, and Anne R. Haake. "Image Understanding from Experts' Eyes by Modeling Perceptual Skill of Diagnostic Reasoning Processes." Proceedings of the Computer Vision and Pattern Recognition CVPR June 23-28, 2013 Portland OR. Ed. IEEE. Red Hook, NY: Curran Associates, Web. «

Published Conference Proceedings: Womack, Kathryn, et al. "Using Linguistic Analysis to Characterize Conceptual Units of Thought in Spoken Medical Narratives." Proceedings of the Interspeech 2013 Lyon, FR August, 2013. Ed. Interspeech. Lyon, FR: n.p., Web. «

Published Conference Proceedings: Womack, Kathryn, et al. "Markers of Confidence and Correctness in Spoken Medical Narratives." Proceedings of the Interspeech 2013 Lyon, FR August, 2013. Ed. Interspeech. Lyon, FR: n.p., Web. «

Pengcheng Shi, Professor

Journal Paper: Mao, Hongda, et al. "Embryonic Heart Morphogenesis from Confocal Microscopy Imaging and Automatic Segmentation." Computational and Mathematical Methods in Medicine. (2013): 1-7. Print. *

Journal Paper: Wang, Linwei, et al. "Transmural Imaging of Ventricular Action Potentials and Post-Infarction Scars in Swine Hearts." IEEE Transactions on Medical Imaging 32. 4 (2013): 731-747. Print. *

Published Conference Proceedings: Li, Rui, Pengcheng Shi, and Anne R. Haake. "Image Understanding from Experts' Eyes by Modeling Perceptual Skill of Diagnostic Reasoning Processes." Proceedings of the 2013 IEEE Conference on Computer Vision and Pattern Recognition. Ed. Gerard Medioni and Ramin Zabih. Portland, OR: IEEE, Print. «

Published Conference Proceedings: Womack, Kathryn, et al. "Markers of Confidence and Correctness in Spoken Medical Narratives." Proceedings of the 14th Annual Conference of the International Speech Communication Association. Ed. Frédéric Bimbot, et al. Lyon, FR: INTERSPEECH, 2013. Print. *

Published Conference Proceedings: Womack, Kathryn, et al. "Using Linguistic Analysis to Characterize Conceptual Units of Thought in Spoken Medical Narratives." Proceedings of the 14th Annual Conference of the International Speech Communication Association. Ed. Christophe Cerisara, et al. Lyon, FR: INTERSPEECH, 2013. Print. «

Published Conference Proceedings: Gao, Fei, et al. "Reinforcement Learning Based Model Selection and Parameter Estimation for Pharmacokinetic Analysis in Drug Selection." Proceedings of the Augmented Reality Environments for Medical Imaging and Computer-Assisted Interventions. Ed. Hongen Liao, et al. Nagoya, JP: Springer, 2013. Print. «

Journal Editor: Liu, Huafeng, Pengcheng Shi, and Yunmei Chen, ed. Computational and Mathematical Methods in Medicine. New York: n.p., 2013. Print. * Δ

Invited Presentations/Keynotes: Shi, Pengcheng. "Tutorials on Analysis and Applications of Molecular Imaging." Medical Image Computing and Computer Assisted Intervention. MICCAI. Nagoya, JP. 22 Sep. 2013. Keynote Speech. Δ

Linwei Wang, Assistant Professor

Journal Paper: Rahimi, Azar, Jingjia Xu, and Linwei Wang. "Lp-Norm Regularization in Volumetric Imaging of Cardiac Current Sources." Computational and Mathematical Methods in Medicine. (2013): 276468. Web. ~

Journal Paper: Wang, Linwei, et al. "Transmural Imaging of Ventricular Action Potentials and Post-Infarction Scars in Swine Hearts." IEEE Transactions on Medical Imaging, 32. 4 (2013): 731-747. Print. ~

Journal Paper: Wang, Linwei. "Computational Reduction for Noninvasive Transmural Electrophysiological Imaging." Computers in Biology and Medicine 43. (2013): 184-199. Print. ~

Journal Paper: Xu, Jingjia, et al. "A Novel Total Variation Based Noninvasive Transmural Electrophysiological Imaging." Medical Image Computing and Computer-Assisted Intervention. (2013): 501-508. Print. «

Journal Paper: Rahimi, Azar and Linwei Wang. "The Impact of Ventricular Shape Variations on Inverse Electrocardiography: A Feasibility Study." IEEE International Symposium on Bio-medical Imaging. (2013): 564-567. Print. «

Journal Paper: Rahimi, Azar, et al. "Volumetric Imaging of Cardiac Current Source using Lp-Norm Regularization." Computing in Cardiology 40. (2013): 715-718. Web. ~

Journal Editor: Wang, Linwei, Vicky Wang, and Heye Zhang, ed. Computational and Mathematical Methods in Medicine. : Hindawi, 2013. Web. ~

School of Interactive Games and Media

Jessica Bayliss, Associate Professor

Published Conference Proceedings: Bayliss, J.D., et al. "Lazy Eye Shooter: Making A Game Therapy for Visual Recovery in Adult Amblyopia Usable." Proceedings of the Second International Conference on Design, User Experience, and Usability: Health, Learning, Playing, Cultural, and Cross-cultural User Experience - Volume Part II (DUXU'13). Ed. Aaron Marcus (Ed.), Vol. Part II. Berlin, Heidelberg: Springer-Verlag, 2013. Print. *

John A Biles

Published Conference Proceedings: Biles, John A. "Performing with Technology: Lessons Learned from the GenJam Project." Proceedings of the Artificial Intelligence and Interactive Digital Entertainment (AIIDE) 2013, Workshop on Music Metacreation, Association of the Advancement of Artificial Intelligence (AAAI). Bellevue, WA: n.p., 2013. Print. *

Published Conference Proceedings: Biles, John A. "Straight-Ahead Jazz with GenJam: A Quick Demonstration." Proceedings of the Artificial Intelligence and Interactive Digital Entertainment (AIIDE) 2013, Workshop on Music Metacreation, Association of the Advancement of Artificial Intelligence (AAAI). Bellevue, Washington: n.p., 2013. Print. *

Adrienne Decker, Assistant Professor

Journal Paper: Decker, Adrienne and David Simkins. "You Have Died of Dysentery: A First Attempt at Navigating a Course in Educational Games." Journal of Interactive Humanities 1. 1 (2013): 1-23. Web. ~

Journal Paper: McGill, Monica M., Amber Settle, and Adrienne Decker. "Demographics of Undergraduates Studying Games in the United States: A Comparison of Computer Science Students and the General Population." Computer Science Education 23. 2 (2013): 158-185. Print. ~

Published Conference Proceedings: McGill, Monica M., Amber Settle, and Adrienne Decker. "Demographics of Undergraduate Students in Game Degree Programs in the United States and United Kingdom." Proceedings of the 14th Annual Conference on Information Technology Education (SIGITE 2013). Orlando, FL: n.p., 2013. Print. * «

Published Conference Proceedings: Settle, Amber, Monica M. McGill, and Adrienne Decker. "Diversity in the Game Industry: Is Outreach the Solution?" Proceedings of the 14th Annual Conference on Information Technology Education (SIGITE 2013). Orlando, FL: n.p., 2013. Print. «

Published Conference Proceedings: Decker, Adrienne and Elizabeth Lane Lawley. "Life's a Game and The Game of Life: How Making a Game Out of It Can Change Student Behavior." Proceedings of the 44th SIGCSE Technical Symposium of Computer Science Education. Denver, CO: n.p., 2013. Print. «

Christopher Egert, Associate Professor

Published Conference Proceedings: Goins, E. and C. Egert. "Moving Beyond Mobile Tours: Creating Hybrid Spaces through Narrative and Gameplay in the Museum Collection." Proceedings of the 2013 Digital Heritage International Congress. Marseille, FR: IEEE Press, 2013. Print. *

Journal Paper: Goins, E., et al. "Modding the Humanities: Experiments in Historic Narratives." Journal for Interactive Humanities 1. 1 (2013): 13-21. Web.

W Michelle Harris, Associate Professor

Shows/Exhibits/Installations: Harris, W. Michelle. Motion with Motion: Dance Performance and Video. 2013. Captivate Conference, Austin. Performance.

Shows/Exhibits/Installations: SoundExchange, W. Michelle Harris, BIODANCE,. Anomaly. 23 Sep. 2013. Fringe Fest at the Strassburgh Planetarium of the Rochester Museum & Science Center, Rochester. Performance.

Shows/Exhibits/Installations: Harris, W. Michelle. Studying Lydia from Birth. 3 May 2013. First Friday Gallery Night at the Ithaca Generator, Ithaca. Exhibit.

Shows/Exhibits/Installations: Ferry, Peter. Sound Exchange : All Eyes and Ears. By Joe Geigel, et al. 28 Feb. 2013. University of Rochester, Rochester. Exhibit.

Stephen Jacobs, Associate Professor

Invited Presentations/Keynotes: Jacobs, Stephen and Walter Bender. "Education Program Roundtable." PyCon 2013. PyCon. Santa Clara, CA. 14 Mar. 2013. Conference Presentation.

Elizabeth Lawley, Professor

Published Conference Proceedings: Decker, Adrienne and Elizabeth L Lawley. "Life's A Game and the Game of Life." Proceedings of the 44th ACM Technical Symposium on Computer Science Education. Ed. Tracy Camp and Paul Tymann. Denver, CO: n.p., 2013. Print. «

Published Conference Proceedings: Lawley, Elizabeth L and Andrew M Phelps. "Just Press Play: Designing a Game Layer for Student Success." Proceedings of the 2013 Annual Conference Extended Abstracts on Human Factors in Computing Systems. Paris, France: n.p., 2013. Web. *

Published Conference Proceedings: Lawley, Elizabeth L and Andrew M Phelps. "You Know You're Going to Fail, Right?: Learning From Design Flaws in Just Press Play at RIT." Proceedings of the Games + Learning + Society. Ed. Crystle Martin. Pittsburgh, PA: ETC Press, 2013. Web. «

Invited Presentations/Keynotes: Lawley, Elizabeth L. "Libraries & Gamification." MOOCs & Libraries Symposium. University of Toronto. Toronto, Ontario. 30 Sep. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Lawley, Elizabeth L. "Playful Pedagogy: Using Game Components to Change the Student Experience." University of Bergen. Bergen, Norway. 12 Apr. 2013. Guest Lecture. Δ

Invited Presentations/Keynotes: Lawley, Elizabeth L. "Playful Pedagogy: Using Game Components to Change the Student Experience." University of Trento. Trento, Italy. 24 May 2013. Guest Lecture.

Software Engineering

J Scott Hawker, Associate Professor

Published Conference Proceedings: Hawker, Scott and E.S. Mesh. "Scientific Software Process Improvement Decisions: A Proposed Research Strategy." Proceedings of the 2013 5th International Workshop on Software Engineering for Computational Science and Engineering. n.p., 2013. Print. *

Published Conference Proceedings: Mesh, Erika S. and J. Scott Hawker. "Scientific Software Process Improvement Decisions: A Proposed Research Strategy." Proceedings of the 2013 Fifth International Workshop on Software Engineering for Computational Science and Engineering. Ed. Jeffrey Carver. San Francisco, CA: IEEE, 2013. Print. *

Daniel Krutz, Lecturer

Published Conference Proceedings: Krutz, Daniel, Samuel Malachowsky, and Tom Reichlmayr. "CCCD: Concolic Code Clone Detection." Proceedings of the Working Conference on Reverse Engineering (WCRE). n.p., 2013. Print.

Published Conference Proceedings: Krutz, Daniel and Mike Lutz. "Bug of the Day: Reinforcing the Importance of Software Testing." Proceedings of the Frontiers in Education Conference (FIE). n.p., 2013. Print.

Published Conference Proceedings: Krutz, Daniel and Jim Vallino. "Moles in Freshman Seminar Team Building." Proceedings of the Frontiers in Education Conference (FIE). n.p., 2013. Print.

Published Conference Proceedings:

Krutz, Daniel and Andrew Meneely. "WIP:Teaching Web Engineering using a project component: A case study." Proceedings of the Frontiers in Education Conference (FIE). n.p., 2013. Print.

Stephanie Ludi, Associate Professor

Journal Paper: Ludi, Stephanie. "Robotics Programming Tools for Blind Students." Journal on Technology and Persons with Disabilities. (2013): 10-22. Web. £

Published Conference Proceedings: Ludi, Stephanie, et al. "Accelerating K-12 Computational Thinking Using Scaffolding, Staging, and Abstractio." Proceedings of the ACM Technical Symposium on Computer Science Education (SIGCSE), March 2013, Denver. Ed. Tracy Camp. New York, NY: ACM Press, Web. *

Invited Presentations/Keynotes: Ludi, Stephanie. "Tablet-Based User Experience Design for Visually Impaired Users." Grace Hopper Celebration of Women in Computing. Anita Bord Institute. Minneapolis, MN. 4 Oct. 2013. Conference Presentation. *

Michael J Lutz, Professor

Published Conference Proceedings: Lutz, Michael. "Functional Approaches to Teaching Concurrency." Proceedings of the Frontiers in Education, October 23-26, 2013, Oklahoma City, OK. Ed. James Sluss, Randa Shehab, and Deborah Trytten. Oklahoma City, OK: IEEE, 2013. Print. * £

Published Conference Proceedings: Lutz, Michael. "The Erlang Approach to Concurrent System Development." Proceedings of the 2013 Frontiers in Education Conference. Oklahoma City, OK: n.p., 2013. Print. *

Published Conference Proceedings: Lutz, Michael and Daniel Krutz. "Bug of the Day: Reinforcing the Importance of Testing." Proceedings of the 2013 Frontiers in Education Conference. Oklahoma City, OK: n.p., 2013. Print. *

Andy Meneely, Assistant Professor

Published Conference Proceedings: Meneely, Andrew and Daniel Krutz. "WIP: Teaching Web Engineering Using a Project Component." Proceedings of the Frontiers in Education (FIE). n.p., 2013. Print.

Published Conference Proceedings: Meneely, Andrew and Samuel Lucidi. "Vulnerability of the Day: Concrete Coding Demonstrations for Software Engineering Undergraduates." Proceedings of the Int'l Conference on Software Engineering, (ICSE-SEE). San Francisco, CA: n.p., 2013. Print.

Tom Reichlmayr, Associate Professor

Published Conference Proceedings: Reichlmayr, Tom, et al. "Teaching Service-Oriented Programming to CS and SE Undergraduate Students." Proceedings of the Frontiers in Education, (FIE). Oklahoma City, OK: n.p., 2013. Print. *

Emad Shihab, Assistant Professor

Journal Paper: Shihab, Emad, et al. "A Large-Scale Empirical Study of Just-In-Time Quality Assurance." IEEE Transactions on Software Engineering 39. 6 (2013): 757-773. Print.

Journal Paper: Shihab, Emad, et al. "Studying Re-opened Bugs in Open Source Software." Empirical Software Engineering 18. 5 (2013): 1005-1042. Print.

Journal Paper: Shihab, Emad, et al. "Is Lines of Code a Good Measure of Effort in Effort-Aware Models?" Information and Software Technology 55. 11 (2013): 55-58. Print.

Journal Paper: Shihab, Emad, et al. "Report of the 2013 ICSE 1st International Workshop on Engineering Mobile-enabled Systems (MOBS 2013)." ACM SIGSOFT Software Engineering Notes 38. 5 (2013): 55-58. Print.

Published Conference Proceedings: Shihab, Emad, et al. "An Empirical Study of Bug Report Field Reassignment." Proceedings of the CSMR-WCRE13: The Joint European Conference on Software Maintenance and Reengineering (CSMR) and the Working Conference on Reverse Engineering (WCRE). n.p., 2013. Print.

Published Conference Proceedings: Krutz, Daniel and Emad Shihab. "CCCD: Concolic Code Clone Detection." Proceedings of the WCRE 2013: Working Conference on Reverse Engineering. Ed. Ralf Lämmel, Rocco Oliveto, and Romain Robbes. Koblen, Germany: n.p., Print. * £

College of

Applied Science & Technology

Civil Engineering Technology, Environmental Management & Safety

Amanda Bao, Assistant Professor

Journal Paper: Li, Hang, et al. "Ultrathin, Molecular-Sieving Graphene Oxide Membranes for Selective Hydrogen Separation." *Science* 342. 6154 (2013): 95-98. Web. * «

Published Conference Proceedings: Bao, Yu and Andrew Rietz. "Seismic Soil-Structure Interaction in Fully Integral Abutment Bridges with HP Driven Piles." *Proceedings of the 7th International Structural Engineering and Construction Conference*. Ed. Siamak Yazdani, Amarjit Singh. Honolulu, HI: Research Publishing Services, 2013. Print. *

Invited Presentations/Keynotes: Bao, Yu. "Seismic Soil-Structure Interaction in Bridges with HP Piles." *Association of Bridge Design and Construction (ABCD) Western New York Fall Conference*. Association of Bridge Design and Construction. Buffalo, NY. 15 Nov. 2013. Lecture. Δ

Jeffrey W Rogers, Associate Professor

Published Conference Proceedings: Rogers, Jeff, et al. "Integrated Municipal Sanitation Systems for Efficient Management of Public Water and Sanitation Services." *Proceedings of the 2013 International Annual Conference of the American Society of Engineering Management*. Ed. ASEM. Minneapolis, MN: n.p., 2013. Web. *

Journal Paper: Rogers, Jeff. "Can Facility Managers Impact the Expected Budgetary Outcomes of Robust Asset Management Programs." *Facilities* 31. 1 (2013): 56-67. Web. *

Journal Paper: Rogers, Jeff, Jenifer Schneider, and Frank Radio. "Fall Fatality Rate by Managing Risk Associated with Working at Heights." *International Journal of Facility Management* 4. 1 (2013): 1-13. Web. *

Jennifer Schneider, Professor

Published Review: Schneider, J. "Enhancing Health and Safety Through Management Systems Design." *Rev. of Worker Health & Safety on Offshore Windfarms*, by unknown. Special Report 310, Transportation Research Board: National Academies Press 2013: Chapter 5. Print. £

Published Conference Proceedings: Schneider, J., C. Romanowski, and K. Stein. "Decision Making to Support Local Emergency Preparation, Response, and Recovery." *Proceedings of the IEEE Conference on Technologies for Homeland Security (HST '13)*. Ed. unknown. Waltham, MA: IEEE, 2013. Print. *

Invited Presentations/Keynotes: Schneider, J. and L. Daley. "Emergency Planning for Child-care Centers." *Education of Young Children Annual Conference*. Rochester Area Committee. Rochester, NY. 1 Nov. 2013. Keynote Speech.

Electrical, Computer & Telecommunications Engineering Technology

Jeanne Christman, Assistant Professor

Published Conference Proceedings: Christman, Jeanne and Antonio Mondragon-Torres. "Embedded Systems Design Curriculum Conversion from Quarters to Semesters." *Proceedings of the IEEE Frontiers in Education*. Ed. IEEE. Oklahoma City, OK: IEEE, 2013. Web. ~

Key for use with all citations

* Blind Peer Reviewed
« Double Blind Peer Reviewed

Δ Invited Paper
£ Refereed

~ Non-Blind Peer Reviewed
^ Trade Publication

† RIT Student
≠ External Funding

Published Conference Proceedings: Christman, Jeanne and Antonio Mondragon. "A Comprehensive Embedded Systems Design Course and Laboratory." Proceedings of the IEEE International Conference on Microelectronic Systems Education. Ed. IEEE. Austin, TX: IEEE, 2013. Web. *

James Hurny

Journal Paper: Koontz, Warren. "Artificial Reverberation Using Multi-port Acoustic Elements." Proceedings of Meetings on Acoustics 20. 1 (2013) Print. «

Journal Paper: Koontz, Warren. "Multiport Acoustic Models with Applications in Audio Signal Processing." Journal of Audio Engineering Society 61. 10 (2013): 727-736. Print. «

SungYoung Kim, Assistant Professor

Journal Paper: Kim, Sungyoung, et al. "Inter-subject Differences in Personalized Technical Ear Training and the Influence of an Individually Optimized Training Sequence." Acoustical Science and Technology 34. 6 (2013): 424-431. Web. *

Published Conference Proceedings: Watanabe, Takayuki, Masahiro Ikeda, and Sungyoung Kim. "Active Field Control Using Sound Field Generation Techniques: Case Study of A Live Concert at A Virtual Renaissance Church." Proceedings of the International Congress on Acoustics. Ed. ICA. Montreal, Quebec: ICA, 2013. Print. Δ

Published Conference Proceedings: Kim, Sungyoung, et al. "Subjective Evaluation of Multichannel Sound with Surround-Height Channels." Proceedings of the 135th Audio Engineering Society Convention. Ed. AES. New York, New York: Audio Engineering Society, 2013. Web. *

Shows/Exhibits/Installations: Beghin, Matt Haimovitz & Tom. Virtual Salon. Dirs. Sungyoung Kim and Wieslaw Woszczyk. 5 Jun. 2013. Multimedia Room (MMR) at the Schulich School of Music of McGill University, Montreal. Performance.

Published Conference Proceedings: Kim, Sungyoung, et al. "Rendering an Immersive Sound Field Using a Virtual Height Loudspeaker: Effect of Height-related Room Impulse Responses." Proceedings of the 2nd IEEE Global Conference on Consumer Electronics (GCCE). Ed. GCCE. Makuhari, Japan: IEEE, 2013. Print. *

Invited Presentations/Keynotes: Kim, Sungyoung. "Virtual Acoustics in Action: Turning a Classroom into a Concert Hall." Rochester Engineering Symposium. Rochester's Technical and Engineering Societies and RIT. Rochester, New York. 23 Apr. 2013. Lecture. ~

Invited Presentations/Keynotes: Kim, Sungyoung. "Rise and Shine: Multichannel Audio Beyond Stereo." NYSETA Fall Conference 2013. New York State Engineering Technology Association. Alfred, New York. 25 Oct. 2013. Lecture.

Drew Maywar, Assistant Professor

Journal Paper: Baveja, P., et al. "All-Optical SOA-Based Wavelength Converters with Sub-mW Pumping." IEEE Photonic Technology Letters 25. (2013): 78-80. Print. * £ ≠

Journal Paper: Xiao, Y., D. Maywar, and G. P. Agrawal. "Propagation of Few-Cycle Pulses in Nonlinear Kerr Media: Harmonic Generation." Optics Letters 38. (2013): 724-726. Print. * £ ≠

Journal Paper: Xiao, Y., D. N. Maywar, and G. P. Agrawal. "Time Transformation Approach to Pulse Propagation in Nonlinear Dispersive Media: Inclusion of Delayed Raman Nonlinearity." Physical Review A 87. (2013): 63816. Print. * £ ≠



AMANDA (YU) BAO IS AN ASSISTANT PROFESSOR IN CIVIL ENGINEERING TECHNOLOGY IN THE COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY. HER RESEARCH INTERESTS LIE IN SOIL-STRUCTURE INTERACTION, DYNAMIC RESPONSE OF HIGHWAY BRIDGES DURING EARTHQUAKES AND TSUNAMIS, AND INNOVATIVE USE OF NANO-FIBERS IN MODERN CONSTRUCTION MATERIALS.

Highway bridges need to remain operational after a disaster to allow for continued evacuation and an effective emergency response, therefore the bridge's response to extreme loading conditions is critical. Bridge damage caused by tsunamis following earthquakes has received more and more attention due to the recent increase in high magnitude earthquakes. Tsunamis can cause significant scouring of the soil used as backfill in the bridge abutment, leaving the bridge highly susceptible to further damage. Bao's research is focused on 3D finite element modeling of soil-foundation-structure interaction in bridges during earthquakes and tsunamis. The research results fill an existing knowledge gap for soil-structure interaction during earthquake and tsunami, advance understanding of soil-foundation-structure interaction in bridges and provide theoretical support to sustainable design of bridges in seismic zones. Bao and her collaborators are developing dynamic centrifuge modeling tests to validate the numerical simulations as well as to observe phenomena.

In 2013, Bao also collaborated with the researchers from the University of South Carolina to conduct numerical simulation of the transport mechanism in graphene oxide membranes. The research article has been published in the leading journal "Science" in October, 2013. The link to the article: <http://www.sciencemag.org/content/342/6154/95.short>.

To learn more about Bao's research work, you can visit: <http://baoteachingcet.com>.

AMANDA (YU) BAO
ASSISTANT PROFESSOR
CIVIL ENGINEERING TECHNOLOGY
COLLEGE OF APPLIED SCIENCE & TECHNOLOGY

Published Conference Proceedings: Xiao, Y., D. N. Maywar, and G. P. Agrawal. "Propagation of Few-Cycle Pulses in Nonlinear Kerr Media: Harmonic Generation." Proceedings of the Conference for Laser and Electro-Optics (CLEO). Ed. M. Wraback. San Jose, CA: n.p., 2013. Print. * £ ≠

Published Conference Proceedings: Xiao, Y., D. N. Maywar, and G. P. Agrawal. "Time Transformation Approach to Nonlinear Pulse Propagation: Kerr and Delayed Raman Response." Proceedings of the Conference for Laser and Electro-Optics (CLEO). Ed. M. Wraback. San Jose, CA: n.p., Print. * £ ≠

Journal Editor: Matsuo, Y., et al, ed. Japanese Journal of Applied Physics. Tokyo: Japan Society of Applied Physics, 2013. Print.

Antonio F Mondragon, Assistant Professor

Published Conference Proceedings: Mondragon, Antonio F. "An Agile Embedded Systems Capstone Course: Overview, Experiences, and Lessons Learned." Proceedings of the Frontiers in Education 2013. Ed. IEEE Education Society, ASEE. Oklahoma City, OK: IEEE Education Society, ASEE, 2013. Print. «

Published Conference Proceedings: Mondragon-Torres, Antonio F, et al. "A Digital Bandgap." Proceedings of the 2013 IEEE Mid-West Symposium on Circuits and Systems. Ed. IEEE Circuits and Systems Society. Columbus, OH: IEEE Circuits and Systems Society, 2013. Print. «

Published Conference Proceedings: Mondragon-Torres, Antonio F, Adriana Becker-Gomez, and Joe Bungo. "The ARM Developer Day: Engaging Engineering Students through Industry-relevant Hands-On Workshops." Proceedings of the 2013 ASEE Annual Conference & Exposition. Ed. American Society for Engineering Education. Atlanta, GA: American Society for Engineering Education, 2013. Print. «

Published Conference Proceedings: Mondragon-Torres, Antonio F, et al. "The Embedded Development Tools You Did Not Have When Growing Up." Proceedings of the 2013 ASEE Annual Conference & Exposition. Ed. American Society for Engineering Education. Atlanta, GA: American Society for Engineering Education, 2013. Print. «

Published Conference Proceedings: Mondragon, Antonio F and Jeanne W Christman. "A Comprehensive Embedded Systems Design Course and Laboratory." Proceedings of the 2013 IEEE International Conference on Microelectronic Systems Education. Ed. IEEE Computer Society. Austin, TX: IEEE Computer Society, 2013. Print. «

Published Conference Proceedings: Mondragon-Torres, Antonio F, et al. "Formulation, Analysis, and Hardware Implementation of Chaotic Dynamics Based Algorithm for Compression and Feature Recognition in Digital Images." Proceedings of the Image Processing: Algorithms and Systems. Ed. SPIE, International Society for Optics and Photonics. Burlingame, CA: SPIE, International Society for Optics and Photonics, 2013. Print. «

Invited Presentations/Keynotes: Mondragon-Torres, Antonio F. "How TI Technology is Being Used Throughout an Embedded Systems Curriculum." 2013 US & Canada Analog Design Contest Engibous Summit. Texas Instruments. Dallas, TX. 23 Jul. 2013. Conference Presentation. Δ ≠

Invited Presentations/Keynotes: Mondragon-Torres, Antonio F. "Power Line Communications." NYSETA 2012 Fall Meet. NYSETA. Rochester, NY. 24 Oct. 2013. Conference Presentation. *



Shows/Exhibits/Installations: Mondragon-Torres, Antonio F. ARM Student Design Contest. 4 May 2013. 2013 Imagine RIT, Rochester. Exhibit.

Hospitality, Tourism, and Nutrition Management Department

Muhammet Kesgin

Published Conference Proceedings: Kesgin, Muhammet. "Do They All Seek "Fun in the Sun?" An Analysis of British Tourists' Holiday Activities Visiting Alanya, Turkey." Proceedings of the 2nd World Research Summit for Tourism and Hospitality: Crossing the Bridge 15 -17 December, 2013 UCF Rosen College of Hospitality Management, Orlando, Florida, USA. Ed. Alan Fyall. Orlando, FL: Elsevier, 2013. Web. *

Published Conference Proceedings: Kesgin, Muhammet. "Critical Incidents and Memorable Impressions: Holidaymakers? Evaluative Images of A Sunshine Holiday Destination." Proceedings of the 6th International Conference on Services Management: Managing Services Across Continents June 23-25 2013 Cyprus by Oxford Brookes University, UK. Ed. Levent Altinay. Oxford, Oxon: n.p., 2013. Web. *

Published Conference Proceedings: Kesgin, Muhammet and Aydin Cevirgen. "Perceptual or Epistemic Curiosity: Tourists? Cultural Motivations and Experiences Visiting a Coastal Resort Area." Proceedings of the 6th International Conference on Services Management: Managing Services Across Continents June 23-25 2013 Cyprus by Oxford Brookes University, UK. Ed. Levent Altinay. Oxford, Oxon: n.p., 2013. Web. *

Manufacturing & Mechanical Engineering Technology

Betsy Dell, Associate Professor

Book Chapter: Garrick, Robert D., et al. "Creating Technology Rich Learning Environments for the Classroom." Cutting-edge Technologies in Higher Education. Ed. Charles Wankel and Patrick Blessinger. Cambridge, MA: Emerald Publishing, 2013. 263-306. Print. « ≠

Published Conference Proceedings: Dell, Elizabeth M., Jeanne W. Christman, and Sandra Murphy. "A First Year Experience Discovery Course for Women in Engineering Technology." Proceedings of the Women in Engineering Pro-Advocates Network National Conference. Ed. WEPAN. Atlanta, GA: n.p., 2013. Web. «

Published Conference Proceedings: Dell, Elizabeth M., et al. "Increasing Engagement in the Materials Science Classroom Through the Use of Guided Inquiry in a Technology Rich Learning Environment." Proceedings of the International Materials Education Symposium. Ed. Granta. Cambridge, UK: n.p., 2013. Web. «

Invited Presentations/Keynotes: Dell, Elizabeth. "Creating Technology Rich Learning Environments for the Classroom." Higher Education Teaching and Learning Conference. HETL. Orlando, FL. 4 Jan. 2013. Conference Presentation. Δ ≠

Robert D Garrick, Associate Professor

Book Chapter: Garrick, Robert, et al. "Creating Technology Rich Learning Environments for the Classroom." Increasing Student Engagement and Retention using Classroom Technologies: Classroom Response Systems and Mediated Discourse Technologies. Ed. Patrick Blessinger and Charles Wankel. Bingley, United Kingdom, UK: Emerald Publishing, 2013. 263-304. Print. « ≠

Invited Presentations/Keynotes: Dell, Elizabeth, et al. "Increasing Engagement in the Materials Science Classroom Through the Use of Guided Inquiry in a Technology Rich Learning Environment." 5th International Materials Education Symposium. Materials Education. Cambridge, United Kingdom, UK. 4 Apr. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Dell, Elizabeth, Robert Garrick, and Larry Villasmil. "Creating Technology-Rich Learning Environments for the Classroom." 2013 International Higher Education Teaching and Learning (HETL) Association Conference. Higher Education Teaching and Learning (HETL) Association. Orlando, FL. 13 Jan. 2013. Conference Presentation. «

Full Length Book: Villasmil, Larry and Robert Garrick. Mechanics of Fluids and Fluid Power. 1st ed. San Diego, CA: Cognella Academic Publishing, 2013. Print. *

Spencer Kim

Published Conference Proceedings: Kim, Spencer. "Transforming Undergraduate Curriculum for Green Plastics Manufacturing Technology (GPMT)." Proceedings of the 2013 Annual Conference for ASEE, 2013 ASEE Annual Conference, June 23-26, Atlanta, GA. Ed. American Society of Engineering Education. Washington, DC: n.p., Web. *

Invited Presentations/Keynotes: Kim, Spencer. "Optimization of 3-D Printing Parameters for Development of Biodegradable Hybrid Materials." SPE Environmental Division. Society of Plastics Engineers. New Orleans, LA. 20 Mar. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Kim, Spencer. "Transforming Curriculum for Workforce Development in Green Plastics Manufacturing Technology (GPMT)." 2013 CCLI/TUES PI Conference. National Science Foundation (NSF). Washington, DC. 21 Jan. 2013. Conference Presentation. Δ ≠

Ti-Lin Liu, Associate Professor

Invited Presentations/Keynotes: Liu, Ti Lin,. "Teaching Linkage Design and Analysis with Working Model 2D Simulation Tool." International Conference on Industry, Engineering, and Management System. . Cocoa Beach, FL. 25 Mar. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Liu, Ti Lin,. "Teaching Impact Stress and Deflection in Strength of Materials." NYSETA Spring 2013. NYSETA. Fulton, New York. 18 Apr. 2013. Conference Presentation. *

Mark W Olles, Assistant Professor

Invited Presentations/Keynotes: Maqsoodi, Noorullah, et al. "Joint Reaction Forces in the Distal Radioulnar Joint (DRUJ) Pre and Post Osteotomy." 19th Annual McNair Research Conference. Ronald E. McNair Post Baccalaureate Achievement Program. Niagara Falls, NY. 11-13 Jul. 2013. Conference Presentation. ~

Invited Presentations/Keynotes: Maqsoodi, Noorullah, et al. "Distal Radio-Ulnar Joint Reactive Force as a Result of Ulnar Impaction Syndrome Osteotomies." Undergraduate Research Symposium 2013. RIT. Rochester, NY. 2 Aug. 2013. Conference Presentation. ~

Invited Presentations/Keynotes: Maqsoodi, Noorullah, et al. "Measurement of Joint Reaction Forces in the Distal Radio-Ulnar Joint." 40th Annual Fall Scientific Paper Session of the Rochester Academy of Science. Rochester Academy of Science. Rochester, NY. 9 Nov. 2013. Conference Presentation. ~

Alan D Raisanen, Assistant Professor

Journal Paper: Raisanen, Alan, et al. "High Performance Silicon Free-Standing Anodes Fabricated by Low-Pressure and Plasma-Enhanced Chemical Vapor Deposition onto Carbon Nanotube Electrodes." *Journal of Intelligence Community Research and Development* 15 August. (2013): 10. Print. * ^

Published Conference Proceedings: Raisanen, Alan, et al. "First Report on Quantum Dot Coated CMOS CID arrays for the UV and VUV." *Proceedings of the UV, X-Ray, and Gamma-Ray Space Instrumentation for Astronomy XVIII*, Aug 25 2013, San Diego CA. Ed. Oswald H. Siegmund. San Diego, CA: SPIE, 2013. Print. £

Manian Ramkumar, Professor

Published Conference Proceedings: Ramkumar, S. Manian, et al. "Effect of BGA Re-Balling and its Influence on Ball Shear Strength." *Proceedings of the IPC APEX Conference*. Ed. IPC. San Diego, CA: n.p., 2013. Print.

Published Conference Proceedings: Ramkumar, S. Manian and Andrew Daya. "Effect of Mixed Alloy BGA Reballing on Board Level Drop Test Reliability." *Proceedings of the SMTA International Conference*. Ed. Surface Mount Technology Association. Fort Worth, TX: n.p., 2013. Print.

Larry U Villasmil, Assistant Professor

Invited Presentations/Keynotes: Kim, Spencer, et al. "Increasing Engagement in the Materials Science Classroom Through the Use of Guided Inquiry in a Technology Rich Learning Environment." 5th International Materials Education Symposium. University of Cambridge. Cambridge, United Kingdom. 5 Apr. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Dell, Elizabeth, Robert Garrick, and Larry Villasmil. "Creating Technology-Rich Learning Environments for the Classroom." 2013 International Higher Education Teaching and Learning (HETL) Association Conference. University of Central Florida. Orlando, Florida. 15 Jan. 2013. Conference Presentation. £

Book Chapter: Garrick, Robert, et al. "Creating Technology Rich Learning Environments for the Classroom." *Cutting-edge Technologies in Higher Education*, Volume 6E. Ed. Charles Wankel and Patrick Blessinger. Bingley BD16 1WA, United Kingdom: Emerald Group Publishing Limited, 2013. 263-306. Print. *

Packaging Science

Carlos Diaz-Acosta, Assistant Professor

Journal Paper: Matuana, Laurent M. and Carlos A. Diaz. "Strategy To Produce Microcellular Foamed Poly(lactic acid)/Wood-Flour Composites in a Continuous Extrusion Process." *Industrial & Engineering Chemistry* 52. 34 (2013): 12032-12040. Web. *

Published Conference Proceedings: Diaz, Carlos A. "Modification of Bio-based Plastics through Microcellular Foaming." *Proceedings of the 26th IAPRI Symposium on Packaging 2013*. Ed. Mika Vaha-Nissi. Espoo, Finland: n.p., 2013. Print. £

Changfeng Ge, Associate Professor

Journal Paper: Ge, Changfeng. "A Comparative Study Between Felted and Triaxial Compressed Polymer Foams on Cushion Performance." *Journal of Cellular Plastics* 49. 6 (2013): 521-533. Print. *

Journal Paper: Ge, Changfeng, Yujie Cheng, and Yan Shen. "Application of the Finite Element Analysis to Modeling Temperature Change of the Vaccine in an Insulated Packaging Container during Transport." *PDA Journal of Pharmaceutical Science and Technology* 67. 5 (2013): 544-552. Print. *

Journal Paper: Ge, Changfeng. "Application of Experimental Modal Analysis to Determine Damping Properties for Stacked Corrugated Boxes." *Mathematical Problems in Engineering*. (2013): 1-8. Web. *

Full Length Book: Ge, Changfeng and Andrew Hurley. *Package Development with SolidWorks*. 2013 ed. Mission, KS: SDC, 2013. Print. *

Published Conference Proceedings: Ge, Changfeng, Thomas Kausch, and Daniel Goodwin. "Effect of the Package Height and Testing Speed on the Compression Test of A Corrugated Box." *Proceedings of the 26th IAPRI Symposium on Packaging 2013*. Ed. Mika Vähä-Nissi. Helsinki, Helsinki: IAPRI, 2013. Print. «

Daniel Goodwin, Professor

Invited Paper: Goodwin, Daniel. "How to Teach Vibration 101." *TEST Engineering and Management*. (2013). Print. ^

Published Conference Proceedings: Goodwin, Daniel, et al. "Shock and Vibration Protection Based on Biocushion Performance Curves." *Proceedings of the 26th IAPRI Symposium on Packaging, 10 - 13 June 2013, Helsinki Finland*. Ed. Mika Vaha-Nissi. Helsinki, Finland: VTT Finland, 2013. Print.



Biomedical Sciences

Caroline J Easton, Professor

Journal Paper: Buchanan, A., et al. "Risk Factors of Violence During a 4-week Period in a Psychiatric Outpatient Population." *Journal of Nervous and Mental Disease* 201. 12 (2013): 1021-6. Print. £

Journal Paper: Oberleitner, L.M., D.L. Mandel, and C.J. Easton. "Treatment of Co-occurring Alcohol Dependence and Perpetration of Intimate Partner Violence: The Role of Anger Expression." *Journal of Substance Abuse Treatment* 45. 3 (2013): 313-8. Print. £

Journal Paper: Crane, C.A., C.J. Easton, and S. Devine. "The Association Between Phenylcyclidine Use and Partner Violence: An Initial Examination." *Journal of Addictive Diseases* 32. 2 (2013): 150-7. Print. £

Journal Paper: Crane, C.A., et al. "Relationship Status Acceptance, Alcohol Use, and the Perpetration of Verbal Aggression Among Males Mandated to Treatment for Intimate Partner Violence." *Journal of Interpersonal Violence* 28. 13 (2013): 2731-48. Print. £

Journal Paper: Stover, C.S., C.J. Easton, and T.J. McMahon. "Parenting of Men with Co-occurring Intimate Partner Violence and Substance Abuse." *Journal of Interpersonal Violence* 28. 11 (2013): 2290-314. Print. £

Journal Paper: Crane, C., L. Oberleitner, and C. Easton. "Sub-clinical Trauma in the Treatment of Partner Violent Offenders with Substance Dependence." *Advances in Dual Diagnosis* 6. (2013): 5-13. Print. £

Invited Presentations/Keynotes: Easton, Caroline J. "Best Practice Procedures for the Treatment of Clients with Co-occurring Addiction and Intimate Partner Violence." National Webinar on Addiction and Domestic Violence Treatments: JWI. JWI Webinar Series on Domestic Violence Interventions. Washington, DC. 21 Mar. 2013. Keynote Speech.

Invited Presentations/Keynotes: Easton, C.J., et al. "Using FaceReader, Interactive Technology and Avatar Coaches to Treat Addiction and Aggression." RIT at the LPGA. Wegmans LPGA. Rochester, NY. 6-9 Jun. 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline. "Treating Substance Abusing Male Offenders of Intimate Partner Violence with Best Practice Procedure: Moving Beyond a One Size Fits All Approach." Treating Family Violence as a Contagious Disease: "Moving Beyond a One Size Fits All Approach". Rochester Institute of Technology College of Health Science and Technology. Rochester, NY. 11 Mar. 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline J. "Treating Co-occurring Addiction and IPV: A One Size Does Not Fit All Approach." Department of Human Services Guest Lecture. The Department of Human Services and the Commissioner of Human Services. Rochester, NY. 22 Jan. 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline. "Using Interactive Technology in Treating Co-Occurring Addiction and IPV. Illustrating the Use of Avatar Coaches and the Noldus FaceReader." RIT's Effective Access Interactive Technology Conference. RIT INN and Conference Center. Rochester, NY. 11 May 2013. Keynote Speech.

Invited Presentations/Keynotes: Easton, Caroline. "Treating IPV Among Substance Abusing Offenders." Presentation to Monroe County's Key Stakeholders [Judges Doran/Schwartz/Elliott, Defense and State's Attorneys, Probation, Diversionary Court Staff, Ambulatory Clinic Leaders, Victim Advocacy Groups]. Monroe County's Key Stakeholders. Rochester, NY. 10 Jul. 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline. "Using Interactive Technology: FaceReader, Avatar Coaches and Educational Videos in the Treatment of Addiction and IPV." Invited Lecturer at CCSI Luncheon. Coordinated Care Services. Inc. Rochester, NY. 11 Jul. 2013. Guest Lecture.

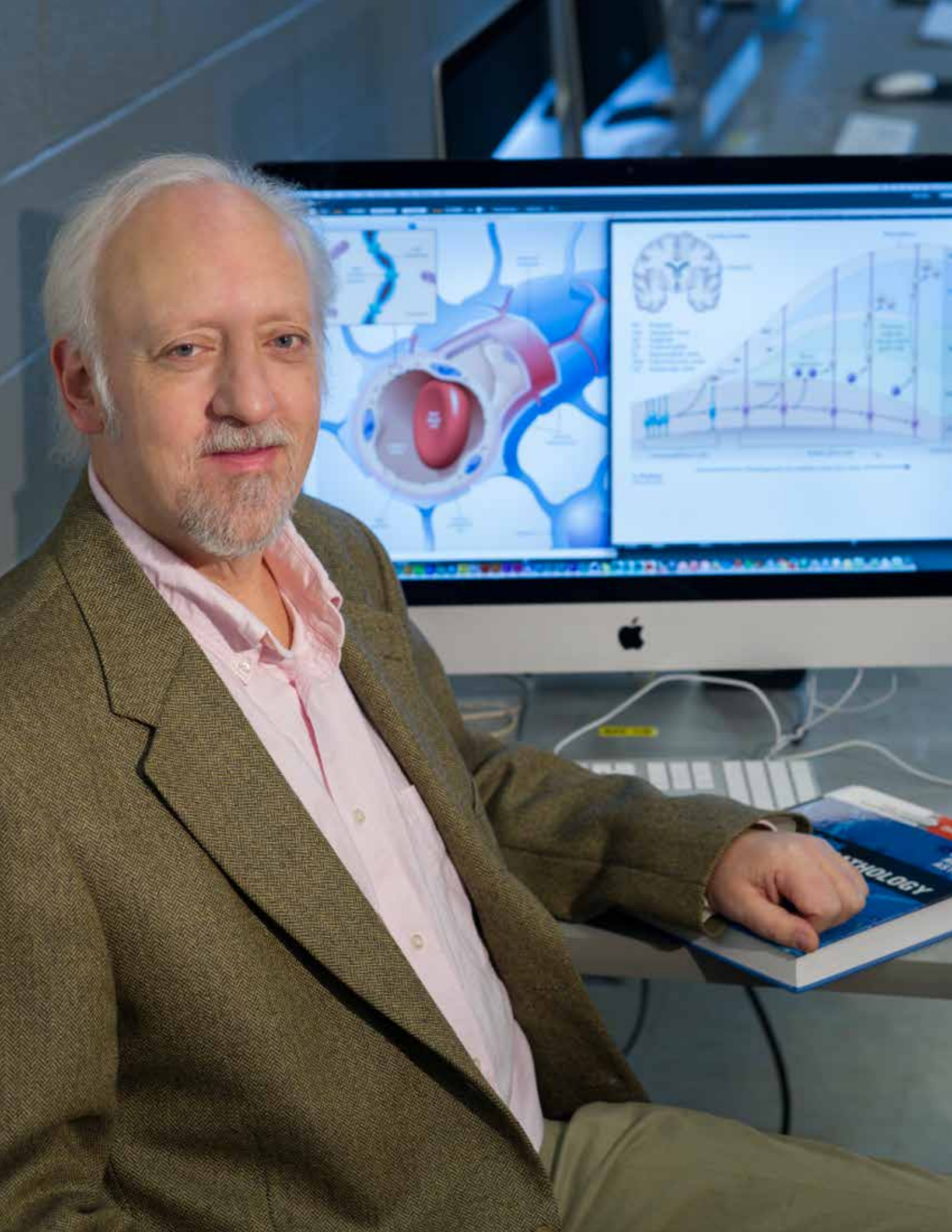
Invited Presentations/Keynotes: Easton, Caroline. "Using a Substance Abuse-Domestic Violence Intervention to Treat Substance Using Offenders of IPV." Rochester General Hospital's Guest Lecture. Rochester General Hospital's Ambulatory Treatment Facility, Genesee Mental Health. Rochester, NY. 30 Jan. 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline. "Treating Substance Using Offenders of IPV with Evidenced Based Science." Monroe County's Office of Mental Health. The Office of the Commissioner of Mental Health. Rochester, NY. 6 Feb. 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline. "Treating Addiction Among Offenders of IPV." Delphi Drug and Alcohol Treatment Center. Domestic Violence Conference. Delphi. Rochester, NY. 3 May 2013. Guest Lecture.

Carol Whitlock, CHST





JIM PERKINS IS GRADUATE DIRECTOR AND PROFESSOR IN THE MEDICAL ILLUSTRATION PROGRAM IN THE COLLEGE OF HEALTH SCIENCES AND TECHNOLOGY.

Prof. Perkins is best known as the illustrator of many of today's most important medical textbooks. For over twenty years, he has been the sole illustrator of the "Robbins" series of pathology texts published by Elsevier. The flagship of the series, Robbins and Cotran Pathologic Basis of Disease, is used in most medical school pathology courses worldwide. Translated into thirteen languages, it is one of the most successful medical books of all time. Among the forty books that Perkins has illustrated are other notable titles, including Robbins Basic Pathology, Dorland's Illustrated Medical Dictionary and Guyton's Textbook of Medical Physiology.

Perkins is also part of a small team of illustrators and physicians who carry on the work of the late Dr. Frank H. Netter, widely regarded as the greatest medical illustrator of the 20th Century. Perkins has contributed new artwork to more than twenty titles bearing the Netter name. He also serves as artistic and anatomy consultant for Netter's 3D Interactive Anatomy.

In addition to his published artwork, Perkins has written scholarly articles on subjects as diverse as human lung anatomy, molecular graphics, digital color management, and the use of interactive media for pre-surgical planning and intra-operative guidance.

Perkins is a Board Certified Medical Illustrator and a Fellow of the Association of Medical Illustrators (AMI). He has earned the AMI's Outstanding Service Award, the AMI Literary Award (for best scholarly publication), and the 2005 AMI Illustrated Medical Book Award. In 2006, Perkins was selected as the Nancy Grahame Joy Visiting Lecturer in the Biomedical Communications Program, Faculty of Medicine, University of Toronto. In 2011, he was one of twenty-three illustrators worldwide (including just three from the U.S.) whose work was selected for the exhibition "Anatomy of an Image" by the Association Européenne des Illustrateurs Médicaux et Scientifiques. In 2012, three of his works received BMA Book Awards (including the Illustrated Book Award) from the British Medical Association.

JIM PERKINS
GRADUATE DIRECTOR & PROFESSOR
MEDICAL ILLUSTRATION
COLLEGE OF HEALTH SCIENCES & TECHNOLOGY

Invited Presentations/Keynotes: Easton, Caroline J. "Addressing Co-occurring IPV and Addiction in Substance Abuse Treatment: One Size Does Not Fit All." Domestic Violence Safety Network Conference. Safenet. Erie, PA. 1 Dec. 2013. Keynote Speech.

Invited Presentations/Keynotes: Easton, Caroline J. "Using Innovative Technology and Avatars in the Treatment of Addiction and Aggression." Channel 13 News. Channel 13. Rochester, NY. 2 May 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline J. "One Size Does Not Fit All: Addressing Co-occurring Intimate Partner Violence and Addiction in Substance Abuse Treatment." University of Rochester School of Public Health Grand Rounds. University of Rochester School of Public Health. Rochester, NY. 6 Dec. 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline J. "Treating IPV within the Context of Substance Abuse Treatment: One Size Does Not Fit All." St. Vincent's Medical Hospital Grand Rounds Lecture. St. Vincent's Medical Hospital. Erie, PA. 1 Nov. 2013. Guest Lecture.

Invited Presentations/Keynotes: Easton, Caroline J. "Treating Co-Occurring Addiction and IPV with Evidenced Based Practices." National Public Radio (NPR). National Public Radio. Rochester, NY. 15 Apr. 2013. Guest Lecture.

Elizabeth K Perry

Journal Paper: Kriscenski-Perry, E, AD Kovacs, and DA Pearce. "Seizure Susceptibility, Phenotype, and Resultant Growth Delay in the nclf and mnd Mouse Models of Neuronal Ceroid Lipofuscinoses." *The Journal of Child Neurology* 28. Sep (9) (2013): 1137-41. Print. *

Laurence I Sugarman

Full Length Book: Sugarman, Laurence I. and William C. Wester, II. *Therapeutic Hypnosis with Children and Adolescents*. Second ed. Bethel, CT: Crown House Publishing Limited, 2013. Print. Δ

Journal Paper: Sugarman, Laurence I., Brian L. Garrison, and Kelsey L. Williford. "Symptoms as Solutions: Hypnosis and Biofeedback for Autonomic Regulation in Autism Spectrum Disorder." *The American Journal of Clinical Hypnosis* 56. 2 (2013): 152-173. Print. *

Invited Presentations/Keynotes: Sugarman, Laurence I. "Pediatric Hypnosis Workshop." Graduate Mental Health Supervision. Regional Child and Adolescent Psychiatry Center. Oslo, Norway. 28 Oct. 2013. Guest Lecture.

Bolaji Thomas, Assistant Professor

Journal Paper: Adefenwa, MA, et al. "Novel Intron 2 Polymorphism in the Melanophilin Gene is in Hardy-Weinberg Equilibrium and not Associated with Coat Color." *Open Journal of Genetics* 3. (2013): 195-200. Web. «

Journal Paper: Thomas, BN and AF Fagbenro-Beyioku. "Loa Loa Microfilaremia in a Blood Donor-A Case Report." *Case Reports in Clinical Medicine* 2. 1 (2013): 46-47. Web. «

Journal Paper: Thomas, BN, et al. "Extensive Ethnogenomic Diversity of Endothelial Nitric Oxide Synthase (eNOS) Polymorphisms." *Gene Regulation and Systems Biology* 7. (2013): 1-10. Web. «

Journal Paper: Adefenwa, MA, et al. "Identification of Single Nucleotide Polymorphisms in the Agouti Signaling Protein (ASIP) Gene in Some Goat Breeds in Tropical and Temperate Climates." *Molecular Biology Reports* 40. 7 (2013): 4447-4457. Web. «

Journal Paper: Sanni, T, et al. "Molecular Diagnosis of Subclinical African Trypanosoma Vivax Infection and Association with Physiological Indices and Serum Metabolites in Extensively Managed Goats in the Tropics." Open Journal of Veterinary Medicine 3. (2013): 39-45. Web. «

Published Conference Proceedings: Thomas, BN, et al. "Endothelin-1 but not Endothelial Nitric Oxide Synthase Polymorphisms are Implicated in Sickle Cell Disease." Proceedings of the Annual Conference of the American Association for Immunologists. Ed. Pamela J. Fink. Bethesda, MD: American Association for Immunologists, 2013. Print. «

Center for Applied Psychophysiology and Self-regulation

Laurence I Sugarman

Invited Presentations/Keynotes: Sugarman, Laurence I. "Autism, Autonomy and Autonomic Regulation: Roles for Hypnosis and Biofeedback." Child Hypnosis Congress. Milton Erickson Gesellschaft. Heidelberg, Germany. 2 Nov. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Sugarman, Laurence I. "Autism, Autonomy and Autonomic Regulation: Roles for Hypnosis and Biofeedback." Joint Child & Adolescent Psychiatry + Pediatrics Grand Rounds. University of Texas Southwestern Medical Center. Dallas, TX. 20 Nov. 2013. Guest Lecture. Δ

Invited Presentations/Keynotes: Sugarman, Laurence I. "Director, Intermediate Workshop, National Pediatric Hypnosis Training Institute." Annual Workshops. University of Minnesota. Minneapolis, MN. 3 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Sugarman, Laurence I. "Director, Professional Training Workshop in Clinical Hypnosis." American Society of Clinical Hypnosis Regional Workshop. American Society of Clinical Hypnosis. San Diego, CA. 11 Apr. 2013. Lecture.

Published Conference Proceedings: Sugarman, Laurence I., Stephen Jacobs, and Robert H. Rice. "Creating MindGamers™: A Physiologically-Controlled, Customizable, Therapeutic Video Game to Treat Anxiety and Repetitive Behaviors in Youth with High Functioning Autism Spectrum Disorders." Proceedings of the International Meeting for Autism Research. Ed. International Society for Autism Research. San Sebastian, Spain: n.p., 2013. Web. £

Published Conference Proceedings: Garrison, Brian L., et al. "Tailoring Autonomic Biofeedback to Individual Strengths with a Dynamic Feedback Signal Set." Proceedings of the Society for Psychophysiological Research, 2 October 2013, Florence, Italy. Ed. Robert F. Simons. Brunswick, NJ: Wiley, 2013. Print. ~

Diagnostic Medical Sonography

Hamad Ghazle, Professor

Invited Presentations/Keynotes: Ghazle, Hamad. "Sonographic Evaluation of Normal Breast." Sonographic Recognition & Interpretation 2013. Rochester Ultrasound Society. Rochester, NY. 3 Nov. 2013. Conference Presentation.

Invited Presentations/Keynotes: Ghazle, Hamad. "Understanding Ultrasound Tissue Harmonics." Diagnostic Radiology Conference. University of Rochester. Rochester, NY. 3 Apr. 2013. Guest Lecture.

Medical Illustration

James Perkins, Professor

Full Length Book: Perkins, Jim, et al. Robbins Basic Pathology. 9th ed. Philadelphia, PA: Elsevier, 2013. Print.

Full Length Book: Perkins, Jim and Davi-Ellen Chabner. The Language of Medicine. 10th ed. Philadelphia, PA: Elsevier, 2013. Print.

Full Length Book: Perkins, Jim, et al. The Netter Collection of Medical Illustrations Vol. 7, Part II - Nervous System - Spinal Cord and Peripheral Motor and Sensory Systems. 2nd ed. Philadelphia, PA: Elsevier, 2013. Print.

Full Length Book: Perkins, Jim, et al. The Netter Collection of Medical Illustrations Vol. 7, Part I - Nervous System - The Brain. 2nd ed. Philadelphia, PA: Elsevier, 2013. Print.

Full Length Book: Perkins, Jim, Joseph Ianotti, and Richard Parker. The Netter Collection of Medical Illustrations Vol. 6, Part III - Musculoskeletal System - Biology and Systemic Diseases. 2nd ed. Philadelphia, PA: Elsevier, 2013. Print.

Journal Paper: Riddle, R. Scott, et al. "Retopologizing MRI and Diffusion Tensor Tractography Datasets for Real-Time Interactivity." Journal of Biocommunication 39. 1 (2013): E18-E25. Web. *

Nutrition Management

Elizabeth A Kmiecinski

Published Conference Proceedings: Kmiecinski, Elizabeth and Barbra Cerio-Iocco. "Benefits of Teaching Nutrition Principles Applied to the Mediterranean Diet to Supermarket Managers." Proceedings of the Academy of Nutrition & Dietetics-Food/Nutrition Conference/Expo. Ed. Linda Snetselaar, PhD, RD, LD,. Chicago, Illinois: n.p., 2013. Print. ~

Physician Assistant

John B Oliphant, Assistant Professor

Invited Presentations/Keynotes: Oliphant, John B. "The Physician Assistant Profession in Liberia." NCCPA Invitational Meeting for International Delegates. National Committee on Certification of Physician Assistants. Washington, DC. 29 May 2013. Conference Presentation.



Foundations Department

Clarence B Sheffield Jr

Invited Presentations/Keynotes: Jr., Sheffield Clarence Burton. "The Norwegian Contributions to the 1912-13 Scandinavian Art Exhibition and the Fate of Norwegian Art in North America." 101st Annual Conference. College Art Association. New York, NY. 13 Feb. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Sheffield, Jr. Clarence Burton. "Fridtjof Nansen's Complex Relationship to Nature and Technology." 103rd Annual Meeting of the Society for the Advancement of Scandinavian Studies. Society for the Advancement of Scandinavian Studies-University of California, Berkeley. San Francisco, CA. 3 May 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Sheffield, Jr. Clarence Burton. "The Unsung Role of Sculpture in Edvard Munch's Creative Process and Public Persona." Edvard Munch And/In Modernism. Nasjonalmuseet, Munchmuseet and University of Oslo. Oslo, Norway. 20 Sep. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Sheffield, Jr. Clarence Burton. "Identity, Difference and the Porosity of Swedish Architecture: Some Reflections on a Complex Historiography." SAHN-3rd International Conference. Swedish Architectural History Network. Uppsala, Sweden. 10 Oct. 2013. Conference Presentation. Δ

School for American Crafts

Andy Buck

Shows/Exhibits/Installations: Buck, Andy. "Across the Grain": Highlights from the Collection. Apr. 2013. Fuller Museum, Brockton, MA. Exhibit.

Shows/Exhibits/Installations: Buck, Andy. New Furniture. May 2013. Pritam & Eames, East Hampton, NY. Exhibit.

Robin Cass

Shows/Exhibits/Installations: Cass, Robin. Art of the Fellowship. 2013. Museum of American Glass, Millville, NJ. Exhibit. Δ ≠

Invited Presentations/Keynotes: Cass, Robin. "Collaborative Hot Glass Assemblage Presentation." 2300° Degrees. Corning Museum of Glass. Corning, NY. 21 Mar. 2013. Guest Lecture.



Professor Robin Cass, Chair of the School for American Crafts, creates a sculptural element in the glassblowing studio. The piece features an image of retinal arteries in a human eye transferred to silver foil through a photo-sensitive masking process, which she has encased in solid molten glass.

Key for use with all citations

* Blind Peer Reviewed
« Double Blind Peer Reviewed

Δ Invited Paper
£ Refereed

˘ Non-Blind Peer Reviewed
^ Trade Publication

† RIT Student
≠ External Funding

Michael A Rogers, Professor

Shows/Exhibits/Installations: Rogers, Michael. AMICE. 2013. New University of Lisbon Library, Lisbon, Portugal. Exhibit. *

Shows/Exhibits/Installations: Rogers, Michael. World Craft Competition Kanazawa 2013, The Time Space Interval of Tea. 2013. 21st Century Museum of Contemporary Art and Kanazawa Nakamura Memorial Museum, Kanazawa, Ishikawa, Japan. Exhibit. * £ ≠

Shows/Exhibits/Installations: Rogers, Michael. Stripping. 2013. White Cube Museum, Beijing, China. Exhibit. * £ ≠

Shows/Exhibits/Installations: Rogers, Michael. Magic Theater. 2013. European House, Riga, Latvia. Exhibit. *

Shows/Exhibits/Installations: Rogers, Michael. VANITAS. 2013. Bullseye Gallery, Portland, OR. Exhibit. *

Shows/Exhibits/Installations: Rogers, Michael. Crucible Project. 2013. NCECA Conference, Houston, Texas. Exhibit. *

Shows/Exhibits/Installations: Rogers, Michael. Natural Philosophy. 2013. Bullseye Bay Area Gallery, Emeryville, California. Exhibit. *

Shows/Exhibits/Installations: Rogers, Michael. Graduated Glass. 2013. Bullseye Gallery, SOFA Chicago, Chicago, IL. Exhibit. *

Invited Presentations/Keynotes: Rogers, Michael. "Learning to Juggle While Playing The Banjo." Issues in Glass Pedagogy. UrbanGlass. New York, NY. 6 Dec. 2013. Guest Lecture. * ≠

Invited Presentations/Keynotes: Rogers, Michael. "Visual Resonance." China Central Academy of Art. China Central Academy of Fine Art. Beijing, China. 26 Sep. 2013. Guest Lecture. *

David A Schnuckel, Visiting Assistant Professor

Shows/Exhibits/Installations: Schnuckel, David. Glass Invitational 2013. Oct. 2013. Exhibit A, Corning, NY. Exhibit.

Shows/Exhibits/Installations: Schnuckel, David. Art in Craft Media. n.d. Burchfield Penney Art Center, <http://www.burchfieldpenney.org/exhibitions/exhibition:04-08-2013-04-08-2013-art-in-craft-media-2013/>. Exhibit.

Shows/Exhibits/Installations: Schnuckel, David. Goblets of Fire. Oct. 2013. Gravers Lane Gallery, Philadelphia, PA. Exhibit.

Invited Presentations/Keynotes: Schnuckel, David. "Image and Word Within A Sculptural Context." UWSP Visiting Artist Series 2013. University of Wisconsin Stevens Point. Stevens Point, WI. 22 Jan. 2013. Lecture.

Invited Presentations/Keynotes: Schnuckel, David. "Image and Word Within A Sculptural Context." International Student Symposium. North Lands Glass Center. Lybster, Caithness, Scotland. 28 Jun. 2013. Lecture.

Shows/Exhibits/Installations: Schnuckel, David. The Art of the Fellowship. Apr. 2013. Museum of American Glass, Millville, NJ. Exhibit.

School of Art

Michael Amy, Professor

Book Chapter: Amy, Michael. "Lorenzo il Magnifico's Façade for the Cathedral of Florence and Michelangelo's Apostle Statues, with an Addendum on the St. Matthew in 1515." Michelangelo Buonarroti: Leben, Werk und Wirkung. Positionen und Perspektiven der Forschung / Michelangelo Buonarroti: Vita, Opere, Ricezione. Appropi e prospettive della ricerca contemporanea. Ed. Grazia Dolores Folliero-Metz and Susanne Gramatzki. Frankfurt am Main, Germany: Peter Lang Verlag, 2013. 667-731. Print. ~

ELIZABETH KRONFIELD IS AN ASSOCIATE PROFESSOR IN THE SCHOOL OF ART FINE ARTS STUDIO PROGRAM. HER CURRENT RESEARCH FOCUSES ON MULTI-MEDIA SCULPTURAL INSTALLATIONS. SHE WORKS PRIMARILY OUT OF HER PRIVATE STUDIO IN BARRE, BUT TRAVELS TO ARTIST RESIDENCIES AROUND THE COUNTRY TO ASSIST IN THE CREATION OF HER WORK.

Elizabeth's recent projects include an Artist in Residence at Keen Foundry in Houston, Texas. Elizabeth spent the summer of 2013 at the foundry to create two cast iron sculpture components. Each piece required a 10,000 pound sand mold to be created and took 1500 pounds molten metal to cast. The two castings were then transported back to Elizabeth's studio to be cleaned, chased, and patinaed. The finished sculptures became part of a larger installation, which included other materials, prints, and a video projection in a solo exhibition entitled Impulsion. This installation was recently on display in the Chapman Gallery at Kansas State University where Elizabeth also gave a Visiting Artist lecture highlighting the relationship between concept, material, and form.

Another recent solo exhibition was installed in the fall of 2013 at Redbird Gallery in Columbia, South Carolina. This exhibition entitled Chasing Tail included cast iron vessels and horsehair sculptures hung throughout the entire gallery.

Elizabeth's recent installations interfere with the space, asking the viewer to navigate through the artwork and create relationships between the individual elements and materials while connecting that information to their own physical presence in the work. Her use of cast iron is integral to the concepts behind the work linking an industrial history along with referencing the material's significance as the core of the earth and component of man. Elizabeth also uses natural materials such as carved stone and manipulated horsehair to investigate gender identities placed on materials.

Elizabeth future projects include traveling to China to participate in an International Residency program where she will create and exhibit new work along with a residency at Six Mile Sculptureworks in St Louis to collaborate on a large public earthwork.

ELIZABETH KRONFIELD
ASSOCIATE PROFESSOR
FINE ARTS STUDIO
COLLEGE OF IMAGING ARTS & SCIENCES



Journal Paper: Amy, Michael. "Bernini: Sculpting in Clay." CAA.Reviews. (2013): 1-3. Web. ~

Journal Paper: Amy, Michael. "Ghosts of Things: A Conversation with Diana Al-Hadid." Sculpture 32. 3 (2013): 20-27. Print. Δ

Journal Paper: Amy, Michael. "Myths of Fantastical Life: A Conversation with Meeson Pae Yang." Sculpture 32. 5 (2013): 24-31. Print. Δ

Journal Paper: Amy, Michael. "Concentrated Form: A Conversation with Johan Creten." Sculpture 32. 7 (2013): 30-37. Print. Δ

Invited Presentations/Keynotes: Amy, Michael. "Being There." 2013 Yeongwol International Museum Forum. Yeongwol County. Yeongwol, South Korea. 21 Oct. 2013. Conference Presentation. Δ

Elizabeth Kronfield, Associate Professor

Shows/Exhibits/Installations: Kronfield, Elizabeth. Impulsions. 8 Oct. 2013. Chapman Gallery, Manhattan, KS. Installation.

Shows/Exhibits/Installations: Kronfield, Elizabeth. Chasing Tail. 4 Oct. 2013. Redbird Gallery, Columbia, SC. Installation.

Invited Presentations/Keynotes: Kronfield, Elizabeth and Chris Holmes. "Passing the Torch." The National Conference on Cast Iron Art. Sloss Furnaces National Historic Landmark. Birmingham, AL. 12 Apr. 2013. Keynote Speech. Δ

Shows/Exhibits/Installations: Kronfield, Elizabeth. Coast to Coast. Jan. 2013. University of Wyoming, Laramie, WY. Exhibit.

Shows/Exhibits/Installations: Kronfield, Elizabeth. Keen Foundry Artist in Residence. Jul. 2013. Keen Foundry, Houston, TX. Performance.

Invited Presentations/Keynotes: Kronfield, Elizabeth. "Artist in Residence." Six Mile Sculptureworks Conference. Six Mile Sculptureworks. Granite City, IL. 11 Oct. 2013. Conference Presentation.

Thomas Lightfoot, Associate Professor

Shows/Exhibits/Installations: Lightfoot, Thomas. A Wonder (Watercolor Monoprint). 5 Dec. 2013. Rochester Contemporary, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Lightfoot, Thomas. Damocles and All in the Ballance (2 sculptures). 22 Nov. 2013. Bevier Gallery, RIT, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Lightfoot, Thomas. Balanced Solution (Sculpture). Sep. 2013. Green Optics Exhibit - Geisel Gallery - Bausch & Lomb, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Lightfoot, Thomas. Lost in Thought. Oct. 2013. Liberty Hill (RIT President's House), Rochester, NY. Exhibit.

Invited Presentations/Keynotes: Lightfoot, Thomas. "Juror's Critique." Juror's Public Critique. Penfield Art Association. Penfield, NY. 13 Jun. 2013. Guest Lecture.

Alan D Singer

Shows/Exhibits/Installations: Singer, Alan. Professor. 11 Sep. 2013. Ock Hee Gallery, Honeoye Falls, New York. Exhibit.

Sarah E Thompson, Assistant Professor

Invited Presentations/Keynotes: Thompson, Sarah. "Gothic as a Moral Force at Angela Burdett-Coutts's Columbia Square Housing Project." International Medieval Congress. Western Michigan University. Kalamazoo, MI. 11 May 2013. Conference Presentation. Δ



Published Review: Thompson, Sarah. "Review: The Symbol at Your Door." Rev. of *The Symbol at Your Door: Number and Geometry in Religious Architecture of the Greek and Latin Middle Ages*, by Hiscock, Nigel. CAA Reviews 19 Apr. 2013: NA. Web. £

School of Design

Deborah A Beardslee, Associate Professor

Invited Presentations/Keynotes: Beardslee, Deborah. "Design Education in Support of the Elderly: Methods, Strategies and Solutions Related to Aging and Physical Ability." 3rd International Interdisciplinary Aging and Society Conference. Common Ground Publishing. Chicago, IL. 7 Nov. 2013. Keynote Speech.

Shows/Exhibits/Installations: Beardslee, Deborah. 2013 Royalty Digital Photograph. 2013. Image City Photography Gallery, Magic of Light Exhibition, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. 2013 Systems/Collaboration Digital Photographic Juxtaposition. 2013. RIT Gallery R, Art of Deception Exhibition, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. 2013 Untitled Digital Photograph. 2013. Rochester Contemporary Art Center, Member's Exhibition 2012-2013, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. 2013 On the Road Digital Photograph. 2013. Rochester Contemporary Art Center, Members Exhibition 2013-2014, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. 2013 Optimism I, II Digital Photographic Sequence. 2013. RIT Bevier Gallery, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Beardslee, Deborah. 2013 Home Digital Photographic Juxtaposition. 2013. RIT Bevier Gallery, Rochester, NY. Exhibit.

Peter Byrne, Associate Professor

Shows/Exhibits/Installations: Byrne, Peter. Roundabout. By Peter Byrne, Carole Woodlock, and Allan Schindler. 23-28 Jul. 2013. Seoul International Cartoon & Animation Festival 2013, Seoul, South Korea. Exhibit.

Shows/Exhibits/Installations: Byrne, Peter. Roundabout. By Peter Byrne, Carole Woodlock, and Allan Schindler. 20-30 May 2013. Melbourne International Animation Festival 2013, Melbourne, Australia. Exhibit.

Shows/Exhibits/Installations: Byrne, Peter. Roundabout. By Peter Byrne, Carole Woodlock, and Allan Schindler. 27 Oct. 2013. London International Animation Festival 2013, London, England. Exhibit.

Nancy A Ciolek, Associate Professor

Invited Presentations/Keynotes: Ciolek, Nancy and Carol Fillip. "Community Collaborations: Engaging Students Through Experiential Learning." University System of Georgia Teaching and Learning Conference. USG/University System of Georgia. Athens, GA. 4 Apr. 2013. Conference Presentation. *

Shaun C Foster, Assistant Professor

Published Conference Proceedings: Foster, Shaun and Carol Fillip. "Expanding Gestalt: Analyzing Opportunities for Visual Design Creation and Education by Combining Gestalt Principles with New Technologies." Proceedings of the EDULEARN13. Ed. L. Gómez Chova, A. López Martínez, and I. Candel Torres (International Association of Technology, Education and Development). Barcelona, Spain: IATED, 2013. Print. *

Published Conference Proceedings: Foster, Shaun and David Halbstein. "Screencasting Strategies: Heuristics for Using Video Content in 3D Computer Graphics Technological and Aesthetic Education." Proceedings of the SIGGRAPH 2013. Ed. ACM / SIGGRAPH. Anaheim, CA: ACM, 2013. Print. «

Lorrie Frear, Associate Professor

Published Conference Proceedings: Frear, Lorrie. "Design and Photography Students Share a Vision: Positive/Negative Magazine." Proceedings of the Canada International Conference on Education. Toronto, Canada: Canadian International Conference on Education, 2013. Web. «

Published Conference Proceedings: Frear, Lorrie and Denis Defibaugh. "Designers and Photographers Pursue a Vision: An Interdisciplinary Editorial Design Experience." Proceedings of the University and College Designers Association (UCDA). Ed. UCDA. Smyrna, Tennessee: UCDA, 2013. Web. *

Published Conference Proceedings: Frear, Lorrie and Carol Fillip. "Crossroads: Merging Traditional Typography with Digital Technologies." Proceedings of the Design Educators Conference with York University. Ed. RGD (Hub for Graphic Design). Toronto, Canada: RGD (Hub for Graphic Design), 2013. Web. *

Published Conference Proceedings: Frear, Lorrie. "Designers and Photographers Pursue a Vision: an Interdisciplinary Editorial Design Experience II." Proceedings of the ICERI 6th Annual Conference on Education, Research and Innovation. Ed. IATED (International Association of Technology, Education and Development). Sevilla, Spain: IATED, 2013. Web. ~

Journal Paper: Frear, Lorrie, Alex Lobos, and Sandra Turner. "Model for Interdisciplinary Collaboration in Packaging Design." The International Journal of Designed Objects Volume 7. Issue 1 (2013): 1-16. Web. £

Shows/Exhibits/Installations: Frear, Lorrie. Mingle. By Carol Fillip. 31 May 2013. Western New York Book Arts Center, Buffalo, New York. Exhibit. Δ

Invited Paper: Frear, Lorrie and Carol Fillip. "A Typographic Carousel; Showcasing Pre-digital Typographic Techniques and Processes to Lure in Digital Natives." BLOG: ilovetypography.com. (2013). Web. Δ

David L Halbstein

Journal Paper: Riddle, Scott, et al. "Retopoligizing MRI and Diffusion Tensor Tractography Datasets for Real Time Interactivity." Journal of Biocommunications 39. 1 (2013) Print. * Δ

Full Length Book: Foster, Shaun and David Halbstein. Integrating 3D Modeling, Photogrammetry and Design. ISBN 978-1-4471-6328-2 ed. : Springer Publishing Company, 2013. Print.

Published Conference Proceedings: Halbstein, David and Susan Lakin. "The Collaborative Composite Image at RIT: The MAG Project Article No. 87." Proceedings of the SIGGRAPH Asia 2013 Symposium. New York, NY: Mobile Graphics and Interactive Applications, 2013. Print.

Published Conference Proceedings: Halbstein, David and Susan Lakin. "The Collaborative Composite Image at RIT: The MAG Project Article No. 8." Proceedings of the SIGGRAPH 2013 Symposium. Ed. ISBN 978-1-4053-2341-3. New York, NY: Mobile Graphics and Interactive Applications, 2013. Print.



Published Conference Proceedings: Halbstein, David and Shaun Foster. "Screencasting Strategies: Heuristics for Using Video Content in 3D Computer Graphics Technological and Aesthetic Education Article No. 14." Proceedings of the SIGGRAPH 2013. Ed. ISBN 978-1-4503-2343-7. New York, NY: ACM Studio Talks, 2013. Print.

Chris Jackson, Associate Professor

Invited Presentations/Keynotes: Jackson, Chris. "Foundational Techniques for Animation with After Effects." Adobe MAX Creativity Conference. Adobe. Los Angeles, CA. 6 May 2013. Guest Lecture. Δ

Invited Paper: Jackson, Chris and Adam Smith. "3D Enhanced Visual Design for Designers." 2013 UCDA Design Education Summit Proceedings. (2013). Print. *

Invited Presentations/Keynotes: Jackson, Chris. "Creative Voices: Chris Jackson." Adobe MAX Creativity Conference. Adobe. Los Angeles, CA. 8 May 2013. Address.

Alex Lobos, Assistant Professor

Invited Presentations/Keynotes: Lobos, Alex. "Diseño Industrial en RIT." Coloquio de Diseño. Pontificia Universidad Católica del Perú. Lima, Peru. 23 Oct. 2013. Lecture.

Journal Paper: Frear, Lorrie, Alex Lobos, and Sandra Turner. "Model for Interdisciplinary Collaboration in Packaging Design." The International Journal of Designed Objects 7. 1 (2013): 1-16. Print. *

Published Conference Proceedings: Lobos, Alex, Cong Yao, and Jongsoo Gang. "Carbon Neutrality in Design Education." Proceedings of the Industrial Designers Society of America International Conference Education Symposium. Ed. Sooshin Choi. Chicago, IL: Industrial Designers Society of America, 2013. Web. *

Published Conference Proceedings: Lobos, Alex. "Using Videos for Final Presentations in Product Design." Proceedings of the Canada International Conference of Education. Ed. Charles Shoniregun. Toronto, CAN: CICE, 2013. Print. *

Journal Paper: Lobos, Alex and Callie Babbitt. "Integrating Emotional Attachment and Sustainability in Electronic Product Design." Challenges - Special Issue: Electronic Waste 4. 1 (2013): 19-33. Web. *

Published Conference Proceedings: Lobos, Alex. "Unleashing the Power of Fusion 360 in Product Design." Proceedings of the Autodesk University Conference. Ed. Autodesk. Las Vegas, NV: n.p., 2013. Web. £

Josh K Owen, Associate Professor

Invited Presentations/Keynotes: Owen, Josh. "Home Is Not Just a Chair: The Role of Emotion in Design." Designweek / International Contemporary Furniture Fair. Cite Design Showroom. New York City, NY. 18 May 2013. Conference Presentation.

Invited Presentations/Keynotes: Owen, Josh. "Oh Say Can't You See: What Happened to American Design?" Washington, DC International Design Festival. Artisphere. Washington, DC. 20 Apr. 2013. Conference Presentation.

Full Length Book: Owen, Josh. Metaproject 03: Areaware. 3000 ed. Rochester, NY: Self-published, 2013. Print.

Shows/Exhibits/Installations: Owen, Josh. Traditional By Conception, Modern By Design. 2013. Temple Emanu-El Museum, San Francisco. Exhibit. Δ

Shows/Exhibits/Installations: Owen, Josh. Loll Designs Chiaroscuro Clocks Project. 2013. International Contemporary Furniture Fair, New York City. Exhibit. Δ

Shows/Exhibits/Installations: Owen, Josh. Loll Designs Chiaroscuro Clocks Project. 2013. Wanted Design Exhibition, New York City. Exhibit. [Δ](#)

Shows/Exhibits/Installations: Owen, Josh. Risk and Certainty in Uncertain Times. Dir. John Maeda. 2013. Ventura Lambrate, Milan, ITALY. Exhibit. [Δ](#)

Shows/Exhibits/Installations: Owen, Josh. Risk and Certainty in Uncertain Times. 2013. Wanted Design Exhibition, New York City. Exhibit. [Δ](#)

Shows/Exhibits/Installations: Owen, Josh. The Next Wave: Industrial Design Innovation in The 21st Century. 2013. Artisphere, Washington, DC. Exhibit. [Δ](#)

Shows/Exhibits/Installations: Owen, Josh. Art Reflected Invitational. 2013. Memorial Art Gallery, Rochester. Exhibit. [Δ](#)

Shows/Exhibits/Installations: Owen, Josh. Permanent Collection Exhibition. 2013. Taiwan Design Museum, Taipei, TAIWAN. Exhibit. [Δ](#)

Published Review: Owens, Josh et al. Rev. of SOS Stool featured, by Staff. Eigen Huis & Interieur Jun. 2013: p.144. Print. [^](#)

Published Review: Owens, Josh et al. "5 Problem Solvers of The Month." Rev. of Toilet Brush for Kontextur, by Staff. Real Simple Jan. 2013: 34. Print. [^](#)

Published Review: Slatalla, Michelle. "Crisis in The Commode." Rev. of Toilet Paper Holder for Kontextur, by Michelle Slatalla. Gardenista Feb. 2013: Website. Web. [Δ](#)

Published Review: Owens, Josh et al. "Start with a Basic Bathroom." Rev. of Hanging Mirrors for Kontextur, by Staff. HGTV Magazine Mar. 2013: 89. Print. [Δ](#)

Published Review: Dan, Sharon Jaffe. "The Next wave: A Three-month-long Festival Explores the Latest in Industrial Design." Rev. of WC Line and Tissue Box Cover for Kontextur, by Sharon Jaffe Dan. Home And Design Mar. 2013: 22. Print. [Δ](#)

Published Review: Owens, Josh et al. "Toys! Metaproject 03 - RIT / Areaware." Rev. of Metaproject 03 work-product, by Staff. Notcot.com May 2013: Website. Web. [^](#)

Published Review: Derringer, Jamie. "Metaproject 03: Areaware Wooden Toys." Rev. of Metaproject 03 work-product, by Jamie Derringer. Design Milk May 2013: Website. Web. [^](#)

Published Review: Sokol, David. "Yes We Can: Debating The Future of US Design." Rev. of SOS Stool and XX Coatrack for Casamania, WC Line for Kontextur, by David Sokol. Archi Tonic May 2013: Website. Web. [^](#)

Published Review: Dorminey, Bruce. "Far Future Of The Living Room." Rev. of Interview, by Bruce Dorminey. Forbes Apr. 2013: Website. Web. [^](#)

Published Review: Kushins, Jordan. "Students Design 22 Playful Wooden Toys For Kids." Rev. of Metaproject 03 work-product, by Jordan Kushins. Fast Co. Design May 2013: Website. Web. [^](#)

Published Review: Staff, . "Metaproject 03: Areaware Wooden Toys." Rev. of Metaproject 03 work-product, by Staff. Domus May 2013: Website. Web. [^](#)

Shows/Exhibits/Installations: Owen, Josh. XX Coatrack for Casamania Added to Permanent Design Collection. 2013. Taiwan Design Museum, Taipei, TAIWAN. Exhibit.



Shows/Exhibits/Installations: Owen, Josh. SOS Stool for Casamania Added to Permanent Design Collection. 2013. Rode Island School of Design Museum, Providence, RI. Exhibit.

Published Game, Application or Software: Owen, Josh. Chiaroscuro Recycled Clock (Large). Game. Loll Designs. 2013.

Published Game, Application or Software: Owen, Josh. Chiaroscuro Recycled Clock (Small). Game. Loll Designs. 2013.

Marla Schweppe, Professor

Invited Presentations/Keynotes: Schweppe, Marla. "Incorporating IT in Performance." BIT Info Tech 2013. BIT. Dalian, China. 21 Jun. 2013. Conference Presentation. Δ

Shows/Exhibits/Installations: Schweppe, Marla. speaker. 24 Jul. 2013. Red Ball - Performing with iPads, Anaheim, CA. Performance. *

Shows/Exhibits/Installations: Schweppe, Marla. animator. 21 Jul. 2013. SIGGRAPH 2013, Anaheim, CA. Performance. *

Shows/Exhibits/Installations: Schweppe, Marla. artist. 24 Jul. 2013. SIGGRAPH Art Fast Forward, Anaheim, CA. Performance. Δ

Shows/Exhibits/Installations: Schweppe, Marla. iPad Animator. Sep. 2013. UFM, Guatemala City, Guatemala. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. iPad Animator. Jul. 2013. University of Monterey, Monterey, CA. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. iPad Animator. 11 Jan. 2013. Association of Performing Arts Presenters, New York, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Projection Designer, Spirits Within. 28 Sep. 2013. Christ Church, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Interactive Projection Design, Kinect the Dots with Futurpointe Dance. 21 & 28 Dec. 2013. Little Theatre, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Projections, Legally Blonde. Jul. 2013. Center Stage, Jewish Community Center, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Projections. 20 Apr. 2013. Brick Festival Bash, NTID, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Projections - Isle of Hope, Isle of Tears. 17 Mar. 2013. Eagle Vale Country Club, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Projections, For All Eyes and Ears w/ Sound Exchange Orchestra. 23 Feb. 2013. University of Rochester, Rochester, NY. Performance.

Shows/Exhibits/Installations: Schweppe, Marla. Projections, Festival of Song and Light. 5 Jul. 2013. Writers and Books, Rochester, NY. Performance. ≠

School of Media Sciences

Nick Paulus

Book Chapter: Paulus, Nicholas. "OAJ From A to Z: How to Succeed at Launching an OA Journal." Library Publishing Toolkit. Ed. Allison Brown. Geneseo, NY: IDS Project Press, 2013. 223-232. Print. *

School of Photographic Arts & Sciences

Roberley Bell, Professor

Invited Presentations/Keynotes: Bell, Roberley. "Elsewhere Teaching The Beginning With A Global Perspective." Foundation Art Theory and Education. Savannah College of Art and Design. Savannah, GA. 4 Apr. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Bell, Roberley. "An Artist's Life in the Garden and the Classroom." Visting Artist Lecture. School of Art Alfred University. Alfred, NY. 17 Apr. 2013. Lecture. Δ

Shows/Exhibits/Installations: Bell, Roberley. Beyond Nature. 19 Sep. 2013. University of North Texas Galleries, Denton. Exhibit. Δ

Shows/Exhibits/Installations: Bell, Roberley. Second Nature. 12 Oct. 2013. Albany Airport Gallery, Albany. Exhibit. Δ

Angela Kelly, Associate Professor

Journal Paper: Kelly, Angela. "Catharsis: Images of Post-conflict Belfast." Photographies 6. 1 (2013): 83-109. Print. *

Invited Paper: Kelly, Angela. "Foreword: The Photograph and The Album." The Photograph and The Album. (2013). Print. Δ

Shows/Exhibits/Installations: Kelly, Angela. Here and Elsewhere. Jan. 2013. Cazenovia Gallery, Cazenovia College, NY, 2013, Cazenovia. Exhibit.

Invited Presentations/Keynotes: Kelly, Angela. "Lament." American Conference Irish Studies. St. John Fisher College. Pittsford, NY. 15 Nov. 2013. Lecture. *

Shows/Exhibits/Installations: Kelly, Angela. House and Home. 2013. The Building Museum, Washington DC. Exhibit.

Invited Presentations/Keynotes: Kelly, Angela, et al. "Art 21 Panel Discussion." Art 21 Panel and Discussion. RIT. Rochester, NY. 15 Oct. 2013. Address.

Invited Presentations/Keynotes: Kelly, Angela. "Irish Literature: Traces of the 19c Famine in the Contemporary Irish Landscape." College of Liberal Arts. RIT. Rochester, NY. 11 Apr. 2013. Lecture.

Shows/Exhibits/Installations: Kelly, Angela. Palimpsest. 7 Dec. 2013. Sunken Gallery, Wallace Center, Rochester. Exhibit.

William T Osterman, Professor

Shows/Exhibits/Installations: Osterman, Willie. Professor & Program Chair Fine Art Photography. 3 May 2013. Visual Studies Workshop, Rochester, NY. Exhibit.

Oscar Palacio, Assistant Professor

Full Length Book: Palacio, Oscar. American Places. 1st ed. San Francisco, CA: The Arts at CIIS, 2013. Print. ≠

Book Chapter: Wells, Liz. "Silent Witness." American Places. Ed. Carla Williams. San Francisco, CA: The Arts at CIIS, 2013. 1-4. Print. Δ

Douglas Rea

Full Length Book: Rea, Douglas Ford. The World is Our Home. First ed. RIT and Marquette University, NY and WI: Non-published Limited Print Production of 1,000 Copies for Private Distribution, 2013. Print.

Christye P Sisson, Associate Professor

Invited Presentations/Keynotes: Sisson, Christye. "Color Variability Analysis in Fundus Photography." Summit on Color in Medical Imaging. International Color Consortium/Federal Food and Drug Administration. Silver Spring, MD. 8 May 2013. Conference Presentation. Δ

Published Conference Proceedings: Katuwal, Gajendra, et al. "Automated Fundus Image Field Detection and Quality Assessment." Proceedings of the 2013 IEEE Western New York Image Processing Workshop. Ed. Nathan Cahill. Rochester, NY: n.p., 2013. Web. £

Patents: Katuwal, Gajendra, et al. "Automated Fundus Image Field Detection and Quality Assessment." US Provisional Patent Application 61/889,282. 10 Oct. 2013.

Department of Communication

Ammina B Kothari, Assistant Professor

Book Chapter: Kothari, Ammina. "Media Constructed Muslim Identity: 1999 - 2009." *Identity and Communication: New Agendas in Communication*. Ed. Dominic Lasorsa and America Rodriguez. New York, NY: Routledge, 2013. 107-125. Print. Δ

Invited Presentations/Keynotes: Kothari, Ammina and Dennis Elliott. "Web-based HIV/AIDS information: Potential for effective communication." *International Association for Media and Communication Research*. IAMCR. Dublin, Ireland. 26 Jun. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Kothari, Ammina. "Keeping HIV/AIDS Newsworthy: Ethical Dilemmas." *Association for Education in Journalism and Mass Communication*. AEJMC. Washington, DC. 11 Aug. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Kothari, Ammina. "Twitter and #KONY2012." *Association for Education in Journalism and Mass Communication*. AEJMC. Washington, DC. 10 Aug. 2013. Conference Presentation.

Invited Presentations/Keynotes: Kothari, Ammina. "Representing Hijab on Tumblr." *National Communication Association*. NCA. Washington, DC. 21 Nov. 2013. Conference Presentation. *

Kelly Martin, Assistant Professor

Book Chapter: Martin, Kelly Norris. "Navigating the Scattered and Fragmented: Visual Rhetoric, Visual Studies and Visual Communication." *Routledge Companion to Visual Organization*. Ed. E. Bell, S. Warren, and J. Schroeder. New York, NY: Routledge, 2013. 188-201. Print. ~

Journal Paper: Martin, Kelly Norris. "A Mixed Methods Approach for Analyzing the Imagery of a Novel Science." *Visual Methodologies* 2. 1 (2013): 1-20. Web. *

Journal Paper: Martin, Kelly Norris and Victoria J. Gallagher. "You Make it Amazing: The Rhetoric of Art and Urban Regeneration in the Case of The Public." *Journal of Visual Literacy* 32. 1 (2013): 51-72. Print. *

Journal Paper: Cos, Grant and Kelly Norris Martin. "The Rhetoric of The Hanging Chair: Presence, Absence and Visual Argument in the 2012 Presidential Campaign." *American Behavioral Scientist* 57. 12 (2013): 1688-1703. Print. *

Journal Paper: Martin, Kelly Norris. "A Visual World Demands Design Sense: Advocating for Visual Communication Across the Curriculum." *The International Journal of Design Education* 6. (2013): 1-12. Print. *

Book Chapter: Gallagher, Victoria J., Kenneth Zagacki, and Kelly Norris Martin. "Communicative Spaces and Rhetorical Enactments: How and Why Urban Parks Enhance (or Fail to Enhance) Civic Life." *The Urban Communication Reader*. Ed. G. Gumpert, S. Drucker, and M. Mattsaganis. New York, NY: Hampton Press, 2013. 35-52. Print. ~



Cecilia Ovesdotter Alm, COLA

Jonathan Schroeder, Professor

Full Length Book: Wu, Zhiyan, Janet Borgerson, and Jonathan Schroeder. From Chinese Brand Culture to Global Brands: Insights from Aesthetics, Fashion, and History. New York, NY: Palgrave Macmillan, 2013. Print. * £

Journal Paper: Wu, Zhiyan, Janet Borgerson, and Jonathan Schroeder. "A Brand Culture Approach to Chinese Branding in the Global Marketplace." *World Financial Review*. November-December (2013): 29-31. Web. Δ

Journal Paper: Schroeder, Jonathan. "Snapshot Aesthetics and the Strategic Imagination." *InVisible Culture* 18. (2013): 1-25. Web. «

Journal Paper: Sullivan, Katie, Jonathan Gosling, and Jonathan Schroeder. "Being Branded." *Scandinavian Journal of Management* 29. (2013): 121-122. Print. £

Book Chapter: Schroeder, Jonathan. "Brand Culture." *Blackwell Encyclopedia of Sociology*. Ed. George Ritzer. London, UK: Blackwell, 2013. 1-5. Web. Δ

Book Chapter: Zwick, Detlev and Jonathan Schroeder. "Stock Trading in the Digital Age: Speed, Agency, and the Entrepreneurial Consumer." *Routledge Companion to Digital Consumption*. Ed. Russell Belk and Rosa Llamas. New York, NY: Routledge, 2013. 208-222. Print. *

Published Conference Proceedings: Wu, Zhiyan, Janet Borgerson, and Jonathan Schroeder. "The Brand Culture of Shanghai Tang: An Aspiring Global Brand." *Proceedings of the International Conference on Anthropological Perspectives and Local Approaches: Indigenous Applications in Management and Marketing*. Ed. Tian Guang. Shanghai, China: Shantou University, 2013. Print. «

Book Chapter: Schroeder, Jonathan and Jane Davison. "An Introduction to Obtaining Copyright Permissions." *Inspire: Researcher Development Initiative*. London, UK: Economic and Social Research Council, 2013. 1-10. Web. Δ ≠

Book Chapter: Campbell, Norah and Jonathan Schroeder. "Introduction to Visual Culture." *Inspire: Researcher Development Initiative*. London, UK: Economic and Social Research Council, 2013. 1-17. Web. ≠

Journal Editor: Schroeder, Jonathan, ed. *Consumption Markets & Culture*. New York: Taylor & Francis, 2013. Print. «

Invited Presentations/Keynotes: Borgerson, Janet and Jonathan Schroeder. "Materiality and Identity." *After Taste Symposium: The Atmosphere of Objects*. Parsons The New School for Design. New York, NY. 23 Feb. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Schroeder, Jonathan. "Thoughts on Co-creation of Value." *Anthropology of Markets & Consumption Conference*. University of California, Irvine. Irvine, CA. 7 Mar. 2013. Conference Presentation. Δ ≠

JOHN MCCLUSKEY IS AN ASSOCIATE PROFESSOR IN THE DEPARTMENT OF CRIMINAL JUSTICE IN THE COLLEGE OF LIBERAL ARTS. HIS RESEARCH INTERESTS LIE IN THE AREAS OF POLICING, VIOLENT CRIME, AND EVALUATION RESEARCH.

Robbery is a terrifying but fascinating subject for laypersons and scientists alike. McCluskey's recent research examined the differences in coercion used by street robbers and commercial robbers in one precinct of Detroit, Michigan. Data were collected from official police reports, coded, and analyzed with findings illustrating that variations in contemporary robbery resembles the picture developed by 40 years of prior research. The key findings indicated that gun use by robbers reduces physical coercion during the commission of the robbery and street robberies are more likely to involve physical coercion when compared to commercial robberies. Not content with understanding only how robbery outcomes vary across types of events, McCluskey and his collaborators began wondering how crime solutions, or clearances, might vary across urban geography. To that end, he and his colleagues began to explore neighborhood effects on robbery (and burglary) clearance, more simply the arrest of an offender responsible, in Rochester, NY and San Antonio, TX. Certain neighborhood characteristics such as percentage living in poverty, unemployment rate, and proportion of single parent families, which are indicators of concentrated disadvantage, are often conceived of as predictors of less vigorous police effort and less cooperation from citizens. Thus one would hypothesize that in highly disadvantaged neighborhoods the clearing of a robbery or burglary, based on an arrest, would be significantly less likely when compared to neighborhoods with lower levels of disadvantage. Contrary to this expectation the research findings indicate very little variation in clearance rates across neighborhoods with different levels of disadvantage in either city.

These unexpected results have sparked future research ideas. McCluskey and his colleagues intend to spend more time understanding what police detectives do and explore variations in their investigative approaches to solving robberies and burglaries. One focal point for this research, for example, will be an in depth examination of serial, or repeat, commercial robberies in San Antonio. The research team is currently collecting data to determine how serial commercial robbery patterns are identified, the ways detectives develop information across patterns, and successful methods of offender apprehension.

JOHN MCCLUSKEY
ASSOCIATE PROFESSOR
DEPARTMENT OF CRIMINAL JUSTICE
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MAY & MURPHY
MAKING SENSE OF CRIMINAL JUSTICE
POLICIES AND PRACTICES
KAPLAN

Invited Presentations/Keynotes: Schroeder, Jonathan. "Visual Research." Consumer Culture Theory Conference. University of Arizona. Tucson, AZ. 14 Jun. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Schroeder, Jonathan and Janet Borgerson. "Visual and Aural Imaginations of Home: Constructing a Consumer Vision of Contemporary Lifestyle." Consumer Culture Theory Conference. University of Arizona. Tucson, AZ. 14 Jun. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Schroeder, Jonathan. "Reflections on Writing." Critical Research in Consumer Culture Network. University of Witwatersrand. Johannesburg, South Africa. 2 Sep. 2013. Keynote Speech. Δ ≠

Invited Presentations/Keynotes: Schroeder, Jonathan. "Critical Visual Analysis: Toward an Ethics of Representation." Institute for the Humanities in Africa. University of Cape Town. Cape Town, South Africa. 9 Sep. 2013. Lecture. £ ≠

Invited Presentations/Keynotes: Schroeder, Jonathan. "Snapshot Aesthetics and the Strategic Imagination." Critical Research in Consumer Culture Network. University of Witwatersrand, Department of Media Studies. Johannesburg, South Africa. 11 Sep. 2013. Lecture. Δ ≠

Invited Presentations/Keynotes: Schroeder, Jonathan. "International Publishing." Centre for Cultural and Media Studies. University of KwaZulu-Natal. Durban, South Africa. 13 Sep. 2013. Lecture. Δ ≠

Invited Presentations/Keynotes: Borgerson, Janet and Jonathan Schroeder. "Interdisciplinary Looks at Representation and Identity." Department of Media and Communications Research Seminars. London School of Economics. London, UK. 24 Oct. 2013. Lecture. Δ

Journal Editor: Sullivan, Katie, Jonathan Gosling, and Jonathan Schroeder, ed. Scandinavian Journal of Management - Special issue on Being Branded. Amsterdam: Elsevier, 2013. Print. «

Invited Presentations/Keynotes: Schroeder, Jonathan. "Visual Data Analysis." Consumer Culture Theory Workshop. Consumer Culture Theory Consortium. Tucson, AZ. 17 Jun. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Schroeder, Jonathan. "Publishing in Consumption Markets & Culture." Association for Consumer Research Conference. Association for Consumer Research. Chicago, IL. 6 Oct. 2013. Conference Presentation. Δ

Invited Paper: Schroeder, Jonathan and Janet Borgerson. "Integrating Liberal Arts and Business Deemed Crucial." RIT Athenaeum. (2013). Print. ^

Xiao Wang, Assistant Professor

Journal Paper: Wang, Xiao. "The Role of Attitude Functions, Efficacy, Anticipated Emotions, and Relationship Status on College Students' Condom Use Intentions." Journal of Sex Research 50. (2013): 704-714. Print. «

Journal Paper: Wang, Xiao. "Negotiating Safer Sex: A Detailed Analysis of Attitude Functions, Anticipated Emotions, Relationship Status, and Gender." Psychology and Health 28. (2013): 800-817. Print. «

Journal Paper: Wang, Xiao. "Applying the Integrative Model of Behavioral Prediction and Attitude Functions in the Context of Social Media Use while Viewing Mediated Sports." Computers in Human Behavior 29. (2013): 1538-1545. Print. «



Tracy Worrell, Assistant Professor

Journal Paper: Huntington, Heidi and Tracy Worrell. "Information Communication Technologies in the Classroom: Expanding TAM to Examine Instructor Acceptance and Use." *Journal of Educational Multimedia and Hypermedia* 22. 2 (2013): 147-164. Print. *

Department of Criminal Justice

Irshad Altheimer, Assistant Professor

Journal Paper: Wu, Yuning and Irshad Altheimer. "Race/Ethnicity, Foreign-born Status, and Victimization in Seattle, WA." *Race and Justice* 3. 4 (2013): 842-863. Print. *

Journal Paper: Altheimer, Irshad. "Herding and Homicide Across Nations." *Homicide Studies* 17. 1 (2013): 27-58. Print. *

Journal Paper: Altheimer, Irshad. "Cultural Processes and Homicide Across Nations." *International Journal of Offender Therapy and Comparative Criminology* 57. 5 (2013): 842-863. Print. *

External Scholarly Fellowships:

9/1/2013 -

9/30/2014

Bureau of Justice Assistance

Amount: 300,000

*

Invited Presentations/Keynotes: Altheimer, Irshad. "Neighborhood Factors, Individual Characteristics, and the Lethality of Gun Violence." 2013 Annual Meeting of the American Society of Criminology. American Society of Criminology. Atlanta, GA. 20 Nov. 2013. Conference Presentation. *

John McCluskey, Associate Professor

Journal Paper: McCluskey, John D., et al. "Gender, General Theory of Crime, and Computer Crime." *International Journal of Offender Therapy and Comparative Criminology* 57. 4 (2013): 460-478. Print. *

Journal Paper: McCluskey, John D. "A Comparison of Robbers? Use of Physical Coercion in Commercial and Street Robberies." *Crime & Delinquency* 59. 3 (2013): 419-442. Print. *

Book Chapter: McCluskey, John D., Robert Worden, and Sarah McLean. "Police Legitimacy and Police Encounters." *Encyclopedia of Criminology and Criminal Justice*. Berlin, Heidelberg: Springer-Verlag, 2013. 3665-3675. Web. £

Book Chapter: McCluskey, John D., Roger Parks, and Stephen Mastrofski. "Systematic Social Observation in Criminology." *Encyclopedia of Criminology and Criminal Justice*. Berlin, Heidelberg: Springer-Verlag, 2013. 5124-5133. Web. £

Book Chapter: McCluskey, John D. "Explaining Police Officers' Discretion in Providing Services and Assistance." *Encyclopedia of Criminology and Criminal Justice*. Berlin, Heidelberg: Springer-Verlag, 2013. 3607-3616. Web. £

Invited Presentations/Keynotes: McCluskey, John, Jeffrey Cancino, and Arindam Ghosh. "Putting Solved Crimes in Context." Annual Meeting of the American Society of Criminology. American Society of Criminology. Atlanta, Georgia. 23 Nov. 2013. Conference Presentation. *

Invited Presentations/Keynotes: McCluskey, John and Arindam Ghosh. "Predicting Neighborhood Clearance Rates." *Academy of Criminal Justice Sciences*. Academy of Criminal Justice Sciences. Bristol, RI. 6 Jun. 2013. Conference Presentation. *

Laverne McQuiller, Associate Professor

Journal Paper: Williams, LaVerne McQuiller. "Sex in The City: Why and How Sex Workers Select Their Locations for Business." *Journal of Contemporary Ethnography*. (2013) Web. *

Journal Paper: Williams, LaVerne McQuiller and Judy Porter. "Dual Marginality: The Effects of the Intersection of Auditory Status and Sexual Orientation on Abuse in A College Sample of Women and Men." *Journal of Aggression, Maltreatment, and Trauma* 22. 6 (2013): 577-589. Print. *

Invited Presentations/Keynotes: Porter, Judy and LaVerne McQuiller. "Addressing Violence Against Women: A Comparison of Spain and Italy." Annual Meeting of the International Organization of Social Sciences and Behavioral Research. International Organization of Social Sciences and Behavioral Research. Las Vegas, NV. 14 Oct. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Porter, Judy and LaVerne McQuiller. "The Impact of Auditory Status and Sexual Orientation on Abuse in A College Sample of Women and Men." Annual Meeting of the American Society of Criminology. American Society of Criminology. Atlanta, GA. 23 Nov. 2013. Conference Presentation. *

Judy L Porter, Associate Professor

Journal Paper: Porter, Judy and LaVerne McQuiller Williams. "Dual Marginality: The Effects of the Intersection of Auditory Status and Sexual Orientation on Abuse in A College Sample of Women and Men." *Journal of Aggression, Maltreatment, and Trauma* 22. 6 (2013): 577-589. Print. *

Invited Presentations/Keynotes: Porter, Judy and LaVerne McQuiller. "Addressing Violence Against Women: A Comparison of Spain and Italy." Annual Meeting of the International Organization of Social Sciences and Behavioral Research. International Organization of Social Sciences and Behavioral Research. Las Vegas, NV. 14 Oct. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Porter, Judy and LaVerne McQuiller. "The Impact of Auditory Status and Sexual Orientation on Abuse in A College Sample of Women and Men." Annual Meeting of the American Society of Criminology. American Society of Criminology. Atlanta, GA. 23 Nov. 2013. Conference Presentation. *

Christopher Schreck, Professor

Journal Paper: Schreck, Christopher J., et al. "Examining What Makes Violent Crime Victims Unique: Extending Statistical Methods for Studying Specialization to the Analysis of Crime Victims." *Journal of Quantitative Criminology* 28. 4 (2013): 651-671. Print. *

Journal Paper: Moon, Byongook, John D. McCluskey, and Christopher Schreck. "School Bullying and Victimization." *Journal of Criminology*. (2013): 1-2. Print. *

Jason Scott, Associate Professor

Book Chapter: Smith, Tony R. and Jason D. Scott. "Policing and Crime Prevention." *Crime Prevention*. Sudbury, MA: Jones and Bartlett, 2013. 61-92. Print. *

Invited Presentations/Keynotes: Scott, Jason D. and Michael Herb. "In Search of a Benchmark: Using Census Transportation Data to Assess Racial Profiling." Annual Meeting of the Academy of Criminal Justice Sciences. Academy of Criminal Justice Sciences. Dallas, TX. 22 Mar. 2013. Conference Presentation. *



Tony Smith, Assistant Professor

Journal Paper: Smith, Tony R., et al. "Deviant Reactions to the College Pressure Cooker: A Test of General Strain Theory on Undergraduate Students in the United States." *International Journal of Criminal Justice Sciences* 8. 2 (2013): 88-104. Web. *

Journal Paper: Smith, Tony R., et al. "Deviant Reactions to the College Pressure Cooker: A Test of General Strain Theory on Undergraduate Students in the United States." *International Journal of Criminal Justice Sciences* 8. 2 (2013): 88-104. Print. *

Journal Paper: Smith, Tony R. and Vaughn Crichlow. "A Cross-cultural Validation of Self-Control Theory." *International Journal of Comparative & Applied Criminal Justice* 37. 3 (2013): 175-193. Print. *

Book Chapter: Smith, Tony R. and Jason D. Scott. "Policing and Crime Prevention." *Crime Prevention*. Sudbury, MA: Jones and Bartlett, 2013. 61-92. Print. £

Department of Economics

Amit Batabyal, Professor

Journal Paper: Batabyal, Amitrajeet A. and Peter Nijkamp. "Ought a Green Citizen to Bicycle or Take Public Transport to Work?" *Ecological Economics* 86. (2013): 93-96. Print. «

Journal Paper: Batabyal, Amitrajeet A. and Peter Nijkamp. "The Creative Class, its Preferences, and Unbalanced Growth in an Urban Economy." *Journal of Evolutionary Economics* 23. (2013): 189-209. Print. *

Journal Paper: Batabyal, Amitrajeet A. and Peter Nijkamp. "Human Capital Use, Innovation, Patent Protection, and Economic Growth in Multiple Regions." *Economics of Innovation and New Technology* 22. (2013): 113-126. Print. «

Journal Paper: Batabyal, Amitrajeet A. and Olabisi Alao. "Selling Package Tours to Tourists: A Contract Theory Perspective." *Annals of Tourism Research* 42. (2013): 439-442. Print. «

Journal Paper: Batabyal, Amitrajeet A. and Hamid Beladi. "Setting the Dowry Optimally to Extract the Full Surplus: A Contract Theory Perspective." *Economics Bulletin* 33. (2013): 2034-2041. Print. *

Journal Paper: Batabyal, Amitrajeet A. and Hamid Beladi. "Ship Inspections in Invasive Species Management: Alternate Regimes and Their Properties." *Theoretical Economics Letters* 3. (2013): 1-5. Print. *

Journal Paper: Batabyal, Amitrajeet A. and Peter Nijkamp. "A Multi-Region Model of Economic Growth With Human Capital and Negative Externalities in Innovation." *Journal of Evolutionary Economics* 23. (2013): 909-924. Print. *

Book Chapter: Batabyal, Amitrajeet A. "Introduction to Essays in the Economics of Invasive Species Management." *Essays in the Economics of Invasive Species Management*. Atlanta, Georgia: North American Business Press, 2013. 13-63. Print. *

Book Chapter: Batabyal, Amitrajeet A. "On the Unloading of Container Cargo in a Seaport and its Inspection for the Presence of Deleterious Invasive Species." *Essays in the Economics of Invasive Species Management*. Atlanta, Georgia: North American Business Press, 2013. 361-376. Print. *

Full Length Book: Batabyal, Amitrajeet A. *Essays in the Economics of Invasive Species Management*. 1 ed. Atlanta, Georgia: North American Business Press, 2013. Print. *

Published Review: Batabyal, Amitrajeet A. Rev. of Heaven Cracks, Earth Shakes, by J. Palmer. Curled up With a Good Book.com 2013: 1-1. Web. £

Published Review: Batabyal, Amitrajeet A. Rev. of Why Nations Fail, by D. Acemoglu and J.A. Robinson. Curled up With a Good Book.com 2013: 1-1. Web. £

Published Review: Batabyal, Amitrajeet A. Rev. of The Carbon Crunch, by D. Helm. Choice 2013: 1300-1301. Print. £

Published Review: Batabyal, Amitrajeet A. Rev. of Optimal Control Theory With Applications in Economics, by T.A. Weber. Interfaces 2013: 108-109. Print. £

Published Review: Batabyal, Amitrajeet A. Rev. of Ordinary Geniuses, by G. Segre. Curled Up With a Good Book.com 2013: 1-1. Web. £

Published Review: Batabyal, Amitrajeet A. Rev. of Brokers of Deceit, by R. Khalidi. Curled Up With a Good Book.com 2013: 1-1. Web. £

Published Review: Batabyal, Amitrajeet A. Rev. of Most Wanted, by T.J. Foley and J. Sedgwick. Curled Up With a Good Book.com 2013: 1-1. Web. £

Published Review: Batabyal, Amitrajeet A. Rev. of Lectures on Urban Economics, by J.K. Brueckner. Economic Development Quarterly 2013: 260-261. Print. £

Published Review: Batabyal, Amitrajeet A. Rev. of Water, Peace, and War, by B. Chellaney. Choice 2013: 349. Print. £

Jeffrey Wagner, Associate Professor

Journal Paper: Petre, Alex and Jeffrey Wagner. "Green Consumption Under Misperceived Prices: An Application to Active Transportation." Southern Economic Journal 80. 1 (2013): 187-204. Print. «

Journal Paper: Wagner, Jeffrey. "American Georgics and Globalization: Literary and Economic Co-evolution in Three Enclosure Movements." Interdisciplinary Studies in Literature and Environment 20. 1 (2013): 71-84. Print. «

Department of English

Cecilia Alm, Assistant Professor

Published Conference Proceedings: Womack, K., et al. "Markers of Confidence and Correctness in Spoken Medical Narratives." Proceedings of the Interspeech 2013. Ed. ISCA. Lyon, France: n.p., 2013. Web. *

Published Conference Proceedings: Womack, K., et al. "Using Linguistic Analysis to Characterize Conceptual Units of Thought in Spoken Medical Narratives." Proceedings of the Interspeech 2013. Ed. ISCA. Lyon, France: n.p., 2013. Web. *

Published Conference Proceedings: Histon, J., E. Rantanen, and C.O. Alm. "Communication Sequences in Controller-pilot Communications." Proceedings of the 17th International Symposium on Aviation Psychology. Wright State University,. Ed. ISAP. Dayton, Ohio: n.p., 2013. Web.

A.J. Caschetta

Journal Paper: Caschetta, A.J. "The Taliban's Enablers." Middle East Quarterly Volume 20, Number 4. Fall (2013): 79-87. Print. ~

Journal Paper: Caschetta, A.J. "Writing the Bin Laden Story." Middle East Quarterly Volume 20, Number 3. Summer (2013): 77-85. Print. ~



Babak Elahi, Professor

Invited Presentations/Keynotes: Elahi, Babak. "The Critic as Activist: Cultural Commentary in Iran's Digital Transnational Aesthetic Sphere." Iran: Art and Discourse. Asia Society and the Annenberg School for Communication, University of Pennsylvania. New York, New York. 26 Oct. 2013. Lecture. Δ

Published Review: Elahi, Babak. "Amy Motlagh, Burying the Beloved: Marriage, Realism, and Reform in Modern Iran." Rev. of Burying the Beloved: Marriage, Realism, and Reform in Modern Iran, by Amy Motlagh. International Journal of Middle East Studies 2 May 2013: 375-377. Print. Δ

Robert D Glick, Assistant Professor

Journal Paper: Glick, Robert. "Times Infinity." The Gettysburg Review 26. 4 (2013): 509-521. Print. *

Journal Paper: Glick, Robert. "Stroma, Sources of Fascination." South Dakota Review 50. (2013): 305-307. Print. *

Journal Paper: Glick, Robert. "An Imaginary History of Performance #3: White Glove." [PANK] 8. 3 (2013): 1. Web. *

Published Review: Glick, Robert. Rev. of A Tendency to be Gone, by Pamela Ryder. American Book Review Jan. 2013: 12. Print. Δ

Department of Fine Arts

Elizabeth Goins, Assistant Professor

Published Conference Proceedings: Goins, Elizabeth and Christopher Egert. "Moving Beyond Mobile tours: Creating Hybrid Spaces through Narrative and Gameplay in the Museum Collection." Proceedings of the Digital Heritage 2013, Marseille, 2013, IEEE. Ed. A.C. Addison, et al. Marseille, France: IEEE, 2013. Print. «

Journal Paper: Goins, Elizabeth, et al. "Modding the Humanities: Experiments in Historic Narratives." Journal of Interactive Humanities 1. (2013): 13-21. Web. «

Published Conference Proceedings: Goins, Elizabeth. "Pox and the City: A Social History Game." Proceedings of the Digital Heritage 2013, Marseille, 2013, IEEE. Ed. A.C. Addison, et al. Marseille, France: IEEE, 2013. Print. «

Invited Presentations/Keynotes: Goins, Elizabeth. "Designing History: A Multidisciplinary Approach." Serious Play Conference. Digipen. Redmond, WA. 22 Aug. 2013. Lecture. Δ

Invited Presentations/Keynotes: Goins, Elizabeth. "Making Museum Games: Hands on Session." Using Games to Stimulate Visitor Engagement, Serious Play Pre-conference Workshop. Digipen. Redmond, WA. 19 Aug. 2013. Lecture. Δ

Published Game, Application or Software: Goins, Elizabeth, Christopher Egert, and Andrew Phelps. Mosaic. Game. J.P. Getty Trust. 2013. ≠

Published Game, Application or Software: Goins, Elizabeth, et al. An Innovative Educational Game Strategy for Conservation and Preservation. Game. NPS/NCPTT. 2013. ^

Dinah E Holtzman, Visiting Assistant Professor

Journal Paper: Holtzman, Dinah. "The Dangerous Book Four Boys: James Franco's Psychosexual Artistic Explorations of Boyhood". Thymos: Journal of Boyhood Studies 7. (2013) Print. *

Department of History

Rebecca Scales, Assistant Professor

Journal Paper: Scales, Rebecca P. "Métissage on the Airwaves: Towards a Cultural History of Broadcasting in French Colonial Algeria, 1930-1935." *Media History* 19. 3 (2013): 305-321. Print. «

Invited Presentations/Keynotes: Scales, Rebecca P. "La Radio aux Aveugles: Blindness, Listening, and the Politics of Radio in Interwar France." International Colloquium on the History of Blindness and the Blind: Representations, Institutions, and Archives. Fondation Singer-Polignac. Paris, France, FRANCE. 26 Jun. 2013. Lecture.

External Scholarly Fellowships:

6/23/2013 -

8/31/2013

Société des Professeurs Française et Francophones d'Amérique
Amount: \$4000.00

Department of Modern Languages and Cultures

Nikolina Bozinovic

Journal Paper: Bozinovic, Nikolina and Josko Sindik. "Importance of Foreign Languages for a Career in Tourism as Perceived by Students in Different Years of Study." *Tranzicija* 15. 31 (2013): 1-13. Web. «

Department of Philosophy

Silvia Benso, Professor

Full Length Book: Benso, Silvia. *Truth and Interpretation* by Luigi Pareyson. Albany, NY: SUNY, 2013. Print.

Invited Presentations/Keynotes: Benso, Silvia. "The Eternal Return of the Will in Levinas' Totality and Infinity." Levinas Research Seminar. Stonybrook University-Manhattan Campus. New York, NY. 28 Apr. 2013. Conference Presentation.

Invited Presentations/Keynotes: Benso, Silvia. "Thresholds of Time: The Present Between Narration and Translation." Theologische Fakultät. Humboldt Universität. Berlin, Germany. 4 Jul. 2013. Lecture.

Invited Presentations/Keynotes: Benso, Silvia. "When Heidegger's Tower Dweller Takes a Walk: On Thinkers, Poets, and Mysterious Guests." *Collegium Phenomenologicum*. Collegium Phenomenologicum. Città di Castello, Italy. 9 Jul. 2013. Lecture. Δ

Invited Presentations/Keynotes: Benso, Silvia. "The Faces of Responsibility: On François Raffoul's The Origins of Responsibility." Society for Phenomenology and Existential Philosophy. University of Oregon. Eugene, OR. 26 Oct. 2013. Conference Presentation. Δ

Evelyn Brister, Assistant Professor

Journal Paper: Brister, Evelyn and Elizabeth N. Hane. "Diversification of Land Management Goals and Strategies in Response to Climate Change." *Ethics, Policy and Environment* 16. 1 (2013): 26-28. Print. *

Published Review: Brister, Evelyn. "Review of 'Feminist Interpretations of Richard Rorty'." Rev. of *Feminist Interpretations of Richard Rorty*, ed. Marianne Janack. *Hypatia Reviews Online* Oct. 2013: 1. Web. Δ

Wade Robison, Professor

Journal Paper: Robison, Wade. "Hume the Moral Historian: Queen Elizabeth I." *The European Legacy* 18. 5 (2013): 576-587. Print. *



Lawrence Torcello, Assistant Professor

Invited Presentations/Keynotes: Torcello, Lawrence. "Animal Welfare and Ethics." Veterinary Practice: Ethics and Animal Care. Cornell University School of Veterinary Medicine. Ithaca, NY. 16 Jan. 2013. Guest Lecture.

Invited Presentations/Keynotes: Torcello, Lawrence. "Personhood and Sentience." Obstetrics & Gynecology Residents Seminar. Rochester General Hospital. Rochester, NY. 3 Apr. 2013. Guest Lecture. Δ

Invited Presentations/Keynotes: Torcello, Lawrence. "Ethics, Science Denialism, and Alternative Medicine." Ethics Grand Rounds Series. Rochester General Hospital. Rochester, NY. 25 Jun. 2013. Lecture. Δ

Invited Presentations/Keynotes: Torcello, Lawrence. "Climate Change, Science Denialism, and Ethics." 54th Annual Meeting of the Psychonomic Society. Psychonomic Society. Toronto, CA. 15 Nov. 2013. Conference Presentation. Δ £

Invited Presentations/Keynotes: Torcello, Lawrence. "Two Models of Disestablishing Marriage: A Response." American Philosophical Association, Eastern Conference. American Philosophical Association. Baltimore, MD. 29 Dec. 2013. Conference Presentation. Δ £

Department of Political Science

Sarah M Burns

Journal Paper: Burns, Sarah, Lindsay Eberhardt, and Jennifer Merolla. "What's the Difference Between a Hockey Mom and a Pitbull? Presentations of Palin and Gender Stereotypes in the 2008 Presidential Election." *Political Research Quarterly* 66. 3 (2013): 687-701. Print. *

Journal Paper: Burns, Sarah, Lindsay Eberhardt, and Jennifer Merolla. "What's the Difference Between a Hockey Mom and a Pit Bull? Presentations of Palin and Gender Stereotypes in the 2008 Presidential Election." *Political Research Quarterly* 66. 3 (2013): 687-701. Print. *

Nathan Dinneen

Journal Paper: Dinneen, Nathan. "Precautionary Discourse: Thinking Through the Distinction Between the Precautionary Principle and the Precautionary Approach in Theory and Practice." *Politics and the Life Sciences* 32. 1 (2013): 2-21. Print. *

Joseph Fornieri

Book Chapter: Fornieri, Joseph. "Lincoln on Black Citizenship." *Constitutionalism and the Approach and Aftermath of the Civil War*. Ed. Paul D. Moreno and Jonathan O'Neill. New York, NY: Fordham University Press, 2013. 55-80. Print. *

Department of Psychology

Joseph S Baschnagel, Assistant Professor

Journal Paper: Baschnagel, Joseph. "Using Mobile Eye-Tracking to Assess Attention to Smoking Cues in a Naturalized Environment." *Addictive Behaviors* 38. 12 (2013): 2837-2840. Print. *

Invited Presentations/Keynotes: Baschnagel, Joseph, et al. "Tailoring Automatic Biofeedback to Individual Strengths With a Dynamic Feedback Signal Set." 53rd Conference for The Society for Psychophysiological Research. Society for Psychological Research. Florence, Italy. 2-6 Oct. 2013. Conference Presentation. *

Kirsten Condry

Journal Paper: Condry, Kirsten and Albert Yonas. "Six-month-old Infants Use Motion Parallax to Direct Reaching in Depth." *Infant Behavior and Development* 36. 2 (2013): 238-244. Print. *

Zach Davies

Invited Presentations/Keynotes: Walker, Tywanquila. "Sequential Data Analysis as A Tool for Evaluating Changes in Infant-caregiver Interactions." 121st Annual American Psychological Association (APA) Convention. Hawaii Convention Center. Honolulu, HI. 1 Aug. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Walker, Tywanquila. "Assessing the Infant Language Environment: Parental Speech Variability Pre and Post Intervention." LENA International Conference. Ritz-Carlton. Denver, CO. 28-30 Apr. 2013. Conference Presentation. *

Caroline M DeLong, Assistant Professor

Journal Paper: DeLong, Caroline. "The Ability to Recognize Objects from Bottlenose Dolphin (*Tursiops Truncatus*) Echoes Generalizes Across Multiple Orientations in Humans and Neural Networks." *Animal Cognition*. (2013): N/A. Web. *

Journal Paper: DeLong, Caroline, et al. "Recognizing Objects from Multiple Orientations Using Dolphin Echoes." *Proceedings of Meetings on Acoustics* 19. 1 (2013): N/A. Web. *

Journal Paper: DeLong, Caroline, et al. "Exploring the Capacity of Neural Networks to Recognize Objects from Dolphin Echoes Across Multiple Orientations." *Proceedings of Meetings on Acoustics* 19. 1 (2013): N/A. Web. *

Invited Presentations/Keynotes: DeLong, Caroline, et al. "Discrimination of Fish Prey at Different Aspect Angles by Human Listeners Using Dolphin Echoes." Fall Meeting of the Comparative Cognition Society. Comparative Cognition Society. Toronto, Ontario. 14 Nov. 2013. Conference Presentation. *

Invited Presentations/Keynotes: DeLong, Caroline and Amanda Heberle. "Recognizing Objects from Multiple Orientations Using Dolphin Echoes." 21st International Congress on Acoustics and the 165th Meeting of The Acoustical Society of America. International Congress on Acoustics. Montreal, Quebec, Canada. 2 Dec. 2013. Conference Presentation. *

Invited Presentations/Keynotes: DeLong, Caroline, et al. "Visual Features Used by Goldfish (*Carassius Auratus*) on a 2D Object Discrimination Task." 20th Annual International Conference on Comparative Cognition. Comparative Cognition Society. Melbourne, FL. 9 Mar. 2013. Conference Presentation. *

Invited Presentations/Keynotes: DeLong, Caroline and Ashlynn Keller. "A Comparison of Problem Solving and Tool Use in Orangutans (*Pongo Pygmaeus Pygmaeus*), Raccoons (*Procyon Lotor*), and Children (*Homo Sapiens*)." 20th Annual International Conference on Comparative. Comparative Cognition Society. Melbourne, FL. 9 Mar. 2013. Conference Presentation. *

Journal Paper: DeLong, Caroline and Amanda L. Heberle. "Auditory Change Detection with Common and Uncommon Sounds." *Proceedings of Meetings on Acoustics* 132. 3 (2013): 1-9. Print. *



Invited Presentations/Keynotes: DeLong, Caroline, et al. "Exploring the Capacity of Neural Networks to Recognize Objects from Dolphin Echoes Across Multiple Orientations." 21st International Congress on Acoustics and the 165th Meeting of the Acoustical Society of America. International Congress on Acoustics. Montreal, Quebec, Canada. 2-7 Jun. 2013. Conference Presentation. *

Nicholas DiFonzo, Professor

Journal Paper: DiFonzo, Nicholas. "The GBN-Dialogue Model of Outgroup-Negative Rumor Transmission: Group Membership, Belief, and Novelty." *Nonlinear Dynamics, Psychology, and Life Sciences* 17. 2 (2013): 269-293. Print. *

Journal Paper: DiFonzo, Nicholas, et al. "Rumor Clustering, Consensus, and Polarization: Dynamic Social Impact and Self-organization of Hearsay." *Journal of Experimental Social Psychology* 49. 3 (2013): 378-399. Print. *

Journal Paper: DiFonzo, Nicholas. "Rumour Research Can Douse Digital Wildfires." *Nature*. (2013) Web. *

Book Chapter: DiFonzo, Nicholas and Prashant Bordia. "Rumors During Organizational Change: A Motivational Analysis." *The Psychology of Organisational Change*. Cambridge, England: Cambridge University Press, 2013. 232-252. Print. ^

John Edlund, Assistant Professor

Journal Paper: Edlund, John and Jessica L. Hartnett. "Second Life in the Psychology Classroom: Teaching and Research Possibilities." *International Journal of Interactive Communication Systems and Technologies* 3. 1 (2013): 47-56. Print. *

Journal Paper: Edlund, John, Cory R. Scherer, and Jeremy D. Heider. "Cultural Stereotypes and Personal Beliefs About Individuals with Dwarfism." *Journal of Social Psychology* 153. 1 (2013): 80-97. Print. *

Journal Paper: Edlund, John E., Bettina Zengel, and Brad J. Sagarin. "Sex Differences in Jealousy in Response to Infidelity: Evaluation of Demographic Moderators in a National Random Sample." *Personality and Individual Differences* 54. 1 (2013): 47-51. Print. *

Invited Presentations/Keynotes: Nichols, Austin Lee and John Edlund. "Predicting And Preventing Participant Crosstalk: A Multi-Institutional Investigation." Second International Conference on Emerging Research Paradigms in Business and Social Sciences. Middlesex University Dubai. Dubai, UAE. 27 Nov. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Heider, J. D., et al. "Factors Influencing Participant Comprehension and Task Performance: Instructional Detail and Form Complexity." Annual Meeting of the Society for Personality and Social Psychology. Society for Personality and Social Psychology. New Orleans, LA. 17-19 Jan. 2013. Conference Presentation. *

Andrew Herbert, Professor

Journal Paper: Herbert, Andrew, et al. "Eye Contact and Video-mediated Communication: A Review." *Displays* 34. 2 (2013): 177-185. Print. *

Journal Paper: Herbert, Andrew, et al. "The Effect of Vertical and Horizontal Symmetry on Memory for Tactile Patterns in Late Blind Individuals." *Attention, Perception & Psychophysics* 75. 2 (2013): 375-382. Print. *

Jennifer A Lukomski, Associate Professor

Journal Paper: Lukomski, Jennifer. "Are Deaf Students Visual Learners?" *Learning and Individual Differences* 25. (2013): 156-162. Print. *

Journal Paper: Lukomski, Jennifer, Peter C. Hauser, and Vince Samar. "Reliability and Validity of the BRIEF-A for Assessing Deaf College Students' Executive Function." *Journal of Psychoeducational Assessment* 31. 4 (2013): 363-374. Print. *

Vincent Pandolfi, Associate Professor

Journal Paper: Pandolfi, Vincent and C. I. Magyar. "Emotional Disorders in Children and Adolescents with ASD." *Rochester Regional Center for Autism Spectrum Disorders Newsletter*. (2013) Web. ^

Invited Presentations/Keynotes: Magyar, C. I. and Vincent Pandolfi. "Considerations in Applying Empirically-based Assessment Practices to Support Children with Autism Spectrum Disorder and Co-Occurring Emotional Disorders in Inclusive Settings." *Association for University Centers of Excellence in Developmental Disabilities Conference*. Association for University Centers on Disabilities. Washinton D.C., MD. 18 Nov. 2013. Conference Presentation. *

Esa Rantanen, Associate Professor

Journal Paper: Rantanen, Esa, et al. "Archival Human Factors Jobs Database as a Tool for Tracking Trends in Skills and Knowledge Expectations in the Labor Market." *Proceedings of The 57th Annual Meeting of the Human Factors and Ergonomics Society* 57. 1 (2013): 457-461. Print. *

Journal Paper: Rantanen, Esa, et al. "Practicing Relevant Skills in the Classroom: Advice From Experts in the Industry to Professors." *Proceedings of The International Annual Meeting of the Human Factors and Ergonomics Society* 57. 1 (2013): 443-446. Print. *

Invited Presentations/Keynotes: Histon, J., Esa Rantanen, and Alm. "Communication Sequences in Controller-pilot Communications." *Proceedings of the 17th International Symposium on Aviation Psychology*. Wright State University. Dayton, OH. 9 May 2013. Conference Presentation. *

Invited Presentations/Keynotes: Nystrom, D. T., Esa M. Rantanen, and G. Lintern. "Stress in Medical Residency: Cognitive Work Analysis and A Literature Review." *2013 International Symposium on Human Factors and Ergonomics in Health Care: Advancing the Cause*. Baltimore Marriott Waterfront Hotel. Santa Monica, CA. 12 Mar. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Rantanen, Esa. "Situation Awareness and Other Cross-Domain Constructs: Lessons Learned from 110 Years of Aviation Human Factors Research." at *PNNL Future Power Grid Initiative 2nd Workshop on Challenges in Next-Generation Analytics for the Future Power Grid*. Pacific Northwest National Laboratory. Seattle, WA. 19 Sep. 2013. Conference Presentation. *

Lindsay S Schenkel, Assistant Professor

Invited Presentations/Keynotes: Priddy, B. M., et al. "Lifetime Trauma Exposure and Victimization Among Deaf and Hard or Hearing Adults." *Association for Behavioral and Cognitive Therapies Annual Convention*. Association for Behavioral and Cognitive Therapies. Nashville, TN. 21-24 Nov. 2013. Conference Presentation. *

Audrey M Smerbeck

Journal Paper: Smerbeck, Audrey, et al. "Lisdexamphetamine Dimesylate Improves Processing Speed and Memory in Cognitively Impaired MS Patients: A Phase II Study." *Journal of Neurology*. (2013) Web. *



Journal Paper: Smerbeck, Audrey, et al. "Fatigue and Depression in Children with Demyelinating Disorders." *Journal of Child Neurology* 28. 6 (2013): 710-715. Print. *

Book Chapter: Smerbeck, Audrey. "Psychopathology of Tic Disorders." *Psychopathology of Childhood and Adolescence: A Neuropsychological Approach*. Hoboken, NJ: John Wiley & Sons, 2013. 319-335. Print. *

Invited Presentations/Keynotes: Volker, M. A. and Audrey Smerbeck. "Determining Substantial Discrepancies between WJ-III Cog Normative Update Tests." 2013 NASP Convention. NASP. Seattle, WA. 12-15 Feb. 2013. Conference Presentation. *

Department of Science Technology and Society/
Public Policy

M Ann Howard, Professor

Invited Presentations/Keynotes: Howard, M. Ann. "The Engaged University." *Sustainable Urban Development: International Perspectives on The University as Partner in the Transformation of The Post-Industrial City*. An International Symposium. Malmo University, Malmo, Sweden/RIT. Rochester, NY. 3 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Howard, M. Ann. "Community Based Participatory Research." *Sustainable Urban Development: International Perspectives on The University as Partner in the Transformation of The Post-Industrial City*. An International Symposium. Malmo University, Malmo, Sweden/RIT. Rochester, NY. 4 Oct. 2013. Conference Presentation.

Hang R Na

Invited Presentations/Keynotes: Na, Hang Ryeol. "Biophysical Explanation for Fragmented Global Environmental Governance." Fall 2013 Science Seminar Series. Le Moyne College. Syracuse, NY. 6 Sep. 2013. Guest Lecture.

Published Review: Na, Hang Ryeol. "Forest Carbon Programs of South Korea." Rev. of *Forest Carbon Programs of South Korea*, eds. Jo Gerardu, et al. Special Report: Compliance Strategies to Deliver Climate Benefits 4 Oct. 2013: 64-66. Web. £

Department of Sociology & Anthropology

Conerly Casey, Associate Professor

Book Chapter: Casey, Conerly. "Mediating Justice: Youth, Media and Affective Justice in the Politics of Northern Nigeria." *Democracy and Prebendalism in Nigeria: Critical Interpretations*. Ed. Wale Adebawo and Ebenezer Obadare. New York, NY: Palgrave Macmillan Press, 2013. 201-226. Print. *

Invited Presentations/Keynotes: Casey, Conerly. "Bollywood Banned, and the Electrifying Palmasutra." *Asian Video Cultures*. Brown University. Providence, RI. 26 Oct. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Casey, Conerly. "Media, and Contours of Islam in Northern Nigeria." *Performance of Belonging, Difference and Exclusion in Muslim Africa*. Nordic Africa Institute. Uppsala, Sweden. 6 Dec. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Casey, Conerly. "Bollywood, Embodiments of Mediated Sensorial, and the Sensory Politics of Northern Nigeria." *Society for Psychological Anthropology Meeting*. Society for Psychological Anthropology. San Diego, CA. 6 Apr. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Casey, Conerly. "Scalarities of Feeling: Consciousness, and Affective Registers in the Sensory Politics of Northern Nigeria." *American Anthropological Association Meeting*. American Anthropological Association. Chicago, IL. 20 Nov. 2013. Conference Presentation.

Christine Kray, Associate Professor

Published Review: Kray, Christine. "Maya and Catholic Cultures in Crisis." Rev. of , by John D. Early. Journal of Anthropological Research 2013: 69:584-585. Print. Δ

Wilson D Silva

Published Conference Proceedings: Silva, Wilson and Joshua Bowles. "A Typology of the Nominal Classifiers of the Eastern Tukanoan Languages." Proceedings of the 33rd Annual Meeting of the Berkeley Linguistic Society. Ed. Crane et. al. Ann Harbor, MI: Sheridan Books, 2013. Print. Δ

Shows/Exhibits/Installations: Indio, Museu do. Projeto Desano (Desano Language Project). By Wilson Silva, Frank Matos, and Gelison Aguiar. Dec. 2013. Museu do Índio, Brasília - Brazil. Exhibit.

External Scholarly Fellowships:

9/1/2013 -
8/30/2014
National Science Foundation - NSF
Amount: 10,544
* « ≠

External Scholarly Fellowships:

5/1/2013 -
8/1/2015
National Endowment for the Humanities (NEH)
Amount: 70,937
* « ≠

Invited Presentations/Keynotes: Silva, Wilson. "Verb Serialization in Desano." Guest lecture for the Center for the Study of Amerindian Languages and Cultures (CELCAM). University of Campinas (UNICAMP). Campinas, Brazil, SP. 17 Jun. 2013. Guest Lecture.

Invited Presentations/Keynotes: Silva, Wilson. "Documenting Desano Language." Guest lecture for the Center for the Study of Amerindian Languages and Cultures (CELCAM). University of Campinas (UNICAMP). Campinas - Brazil, SP. 18 Jun. 2013. Guest Lecture.

Invited Presentations/Keynotes: Silva, Wilson. "The Native American Languages." High-intermediate Inquiry Class at the English Language Center. RIT. Rochester, NY. 4 Nov. 2013. Guest Lecture.

Invited Presentations/Keynotes: Silva, Wilson. "The Development of the Desano Orthography." Guest Talk at the Department of English. CUNY at Staten Island. New York, NY. 23 Jan. 2013. Lecture.

External Scholarly Fellowships:

6/1/2013 -
7/30/2013
University of Rochester - Researcher Mobility Travel Grant
Amount: 5,000
* ≠

Danielle T Smith

Journal Paper: Smith, Danielle T. and Vincent Jappah. "Transitional Justice: Prioritizing Truth Commissions or International Tribunals to Ensure Healing and Reconciliation." Journal of International and Global Studies 5. 1 (2013): 1-15. Web. *

Robert Ulin, Professor

Full Length Book: Ulin, Robert C. and Rachel E Black. Wine and Culture: From Vineyard to Glass. first ed. London, England: Bloomsbury, 2013. Print. *

Full Length Book: Ulin, Robert C. Vintages & Traditions. Chinese Translation with new Introduction ed. Yunnan, China: Yunnan University Press, 2013. Print. *



Benjamin N Lawrance, Associate Professor

Journal Paper: Lawrance, Benjamin N. "Humanitarian Claims and Expert Testimony: Contestation over Health Care for Ghanaian Migrants in the United Kingdom." *Ghana Studies* 15-16. (2013): 253-288. Print. *

Journal Paper: Lawrance, Benjamin N. "Your Poor Boy No Father No Mother: 'Orphans,' Alienation, and the Perils of Atlantic Child Slave Biography." *Biography: An Interdisciplinary Quarterly* 36. 4 (2013): 672-703. Print. *

Book Chapter: Lawrance, Benjamin N. "Chocolate Chiefs: Cocoa, Borders, and Colonialism in the Togoland Mandates, 1920-1945." *Peuples et Frontières dans l'Espace Ouest-Africain*. Lomé, Togo: Presses de l'Université de Lomé, 2013. 241-287. Print. Δ

Chester F. Carlson Center for Imaging Science

Adam A. Goodenough

Published Conference Proceedings: Kerekes, John P., et al. "Theoretical Modeling of Lidar Return Phenomenology from Snow and Ice Surfaces." Proceedings of the IGARSS. Melbourne, Victoria: n.p., 2013. Print. *

Brent Bartlett

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Stefi Baum, Professor

Journal Paper: Floyd, D.J. E., et al. "Star Formation in Luminous Quasar Host Galaxies at $z=1-2$." Monthly Notice of the Royal Astronomical Society. 429 (2013): 2-19. Print. *

Journal Paper: Baum, Stefi A., et al. "Hubble Space Telescope Observations of Dusty Filaments in Hercules A: Evidence for Entrainment." Astrophysical Journal. 771 (2013): 186. Print. *

Scott Brown

Published Conference Proceedings: Kerekes, John P., et al. "Theoretical Modeling of Lidar Return Phenomenology from Snow and Ice Surfaces." Proceedings of the IGARSS. Melbourne, Victoria: n.p., 2013. Print. *

Nathan D. Cahill, Associate Professor

Journal Paper: Chen, Bin, Anthony Vodacek, and Nathan D. Cahill. "A Novel Adaptive Scheme for Evaluating Spectral Similarity in High-resolution Urban Scenes." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 6. 3 (2013): 1376-1385. Print. *

Jason Faulring

Published Conference Proceedings: Maitra, Sanjet, et al. "Characterization of Basic Scattering Mechanisms Using Laboratory Based Polarimetric Synthetic Aperture Radar Imaging." Proceedings of the IGARSS. Melbourne, Victoria: n.p., 2013. Print. *

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

James A. Ferwerda, Associate Professor

Journal Paper: Ferwerda, James A. "Tangible Images: Bridging the Real and Virtual Worlds." Springer Lecture Notes in Computer Science Vol. 7786. (2013): 13-24. Print. *

Published Conference Proceedings: Ferwerda, James A. "Tangible Imaging Systems." Proceedings of the SPIE Electronic Imaging. n.p., 2013. Print. *

Published Conference Proceedings: Ferwerda, James A., et al. "Visibility of Artifacts in Flat Panel Displays." Proceedings of the Center for Electronic Imaging Systems (CEIS) Annual Meeting. n.p., 2013. Print. *

Published Conference Proceedings: Fores, Adria, et al. "Perceiving Gloss in Surfaces and Images." Proceedings of the 21st Color Imaging Conference. n.p., 2013. Print. *

Published Conference Proceedings: Hensley, Brittany and James A. Ferwerda. "Colorimetric Characterization of a 3D Printer with A Spectral Model." Proceedings of the 21st Color Imaging Conference. n.p., 2013. Print. *

Published Conference Proceedings: Stillwell, A, et al. "Perception of Sparkle in Anti-glare Display Screens." Proceedings of the Society for Information Display. n.p., 2013. Print. *

Michael Gartley

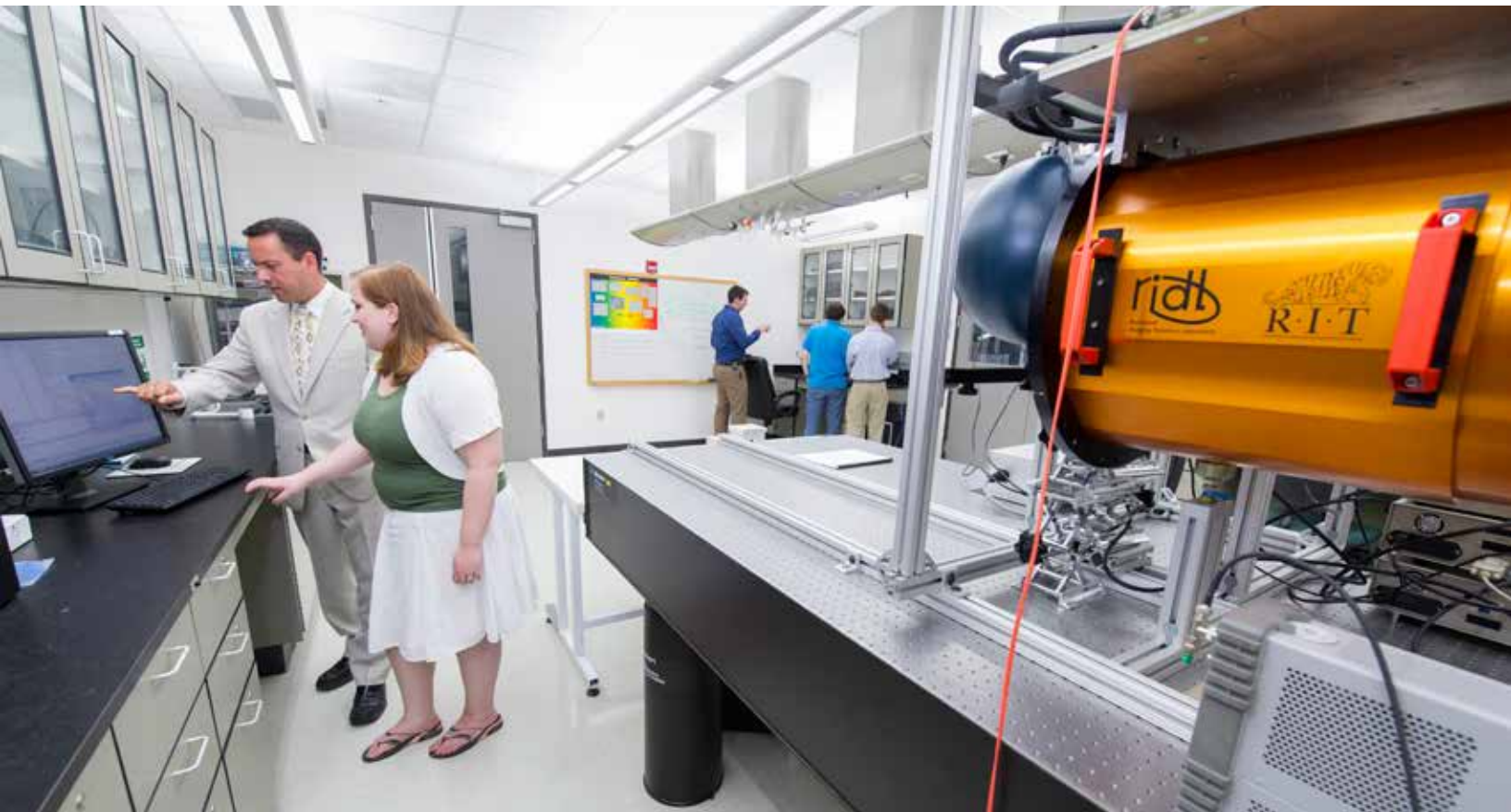
Journal Paper: Gartley, Michael G. and John R. Schott. "Serendipitous Imaging of Space Objects With the Advanced Land Imager." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 6. 2 (2013): 440-445. Print. *

Published Conference Proceedings: Devaraj, Chabitha, Michael G. Gartley, and John R. Schott. "Influence of Polarization Phenomenology on Material Discriminability Using Multi-view Polarimetric Imagery." Proceedings of the Indian Institute of Technology Conference. n.p., 2013. Print. *

Published Conference Proceedings: Maitra, Sanjet, et al. "Characterization of Basic Scattering Mechanisms Using Laboratory Based Polarimetric Synthetic Aperture Radar Imaging." Proceedings of the IGARSS. Melbourne, Victoria: n.p., 2013. Print. *

Published Conference Proceedings: Kerekes, John P., et al. "Measurements and Modeling of LWIR Spectral Emissivity of Contaminated Quartz Sand." Proceedings of the Workshop on Hyperspectral Image and Signal Processing. Gainesville, FL: n.p., 2013. Print. *

Don Figer, COS, Center for Detectors





ELIZABETH CHERRY IS AN ASSISTANT PROFESSOR IN THE SCHOOL OF MATHEMATICAL SCIENCES. HER RESEARCH INTERESTS ARE CENTERED ON THE STUDY OF CARDIAC ARRHYTHMIAS USING MATHEMATICAL AND COMPUTATIONAL TECHNIQUES.

Sudden cardiac death resulting from disruptions to the heart's normal rhythm remains the leading cause of death in the industrialized world, causing approximately 20 percent of all deaths. Research has shown that the most dangerous cardiac arrhythmias arise from reentrant waves corresponding to spiral or scroll waves of electrical activity within the heart. Because the frequencies of these reentrant waves are higher than that of the heart's own pacemaker, the heart's natural rhythm is disturbed, triggering mechanical dysfunction that prevents adequate contraction and pumping of blood. Despite the obvious medical significance, much remains to be understood about the mechanisms responsible for the formation and evolution of arrhythmias in the human heart.

Cherry's research, which is supported by the National Science Foundation, is focused on improving the understanding of cardiac electrical dynamics and arrhythmias in normal and diseased states by using mathematical modeling and simulation. Her work integrates perspectives and techniques from mathematics, computer science, physics, engineering, and biology and encompasses everything from construction of mathematical models for describing cellular processes to efficient implementation of large-scale computer codes and testing arrhythmia mechanisms using that computational platform. Along with developing several new models and algorithms, she and her collaborators have developed a novel low-energy method for defibrillation.

Cherry and her collaborators are currently conducting research in several new areas, including creating systematic approaches to model development, identifying dangerous precursor states to arrhythmias that can allow early intervention, and using techniques from weather forecasting to integrate experimental observations into model predictions.

ELIZABETH CHERRY
ASSISTANT PROFESSOR
SCHOOL OF MATHEMATICAL SCIENCES
COLLEGE OF SCIENCE

Aaron Gerace

Journal Paper: Gerace, Aaron D., John R. Schott, and R Nevins. "Increased Potential to Monitor Water Quality in the Near-shore Environment with Landsat's Next-generation Satellite." *Journal of Applied Remote Sensing* 7. (2013): 073558-073558. Print. *

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX*. Baltimore, Maryland: n.p., 2013. Print. *

Richard K. Hailstone, Associate Professor

Journal Paper: Heckman, K L., et al. "Custom Cerium Oxide Nanoparticles Protect against a Free Radical Mediated Autoimmune Degenerative Disease in the Brain." *ACS Nano* 7. 12 (2013): 10582-10596. Print. *

Journal Paper: Heckman, K L., et al. "Custom Cerium Oxide Nanoparticles Protect against a Free Radical Mediated Autoimmune Degenerative Disease in the Brain." *ACS Nano* DOI: 10.1021/nn40374. (2013) Print. *

Maria Helguera, Associate Professor

Journal Paper: Helguera, Maria, et al. "Multimodality Imaging of Daguerreotypes and Development of a Registration Program for Image Evaluation." *Journal of the American Institute for Conservation* 53. 1 (2013): 1-26. Print. *

Journal Paper: Helguera, Maria, et al. "Spatial Patterning of Endothelial Cells and Vascular Network Formation Using Ultrasound Standing Wave Fields." *Journal of the Acoustical Society of America* 134. 2 (2013): 1483-1490. Print. *

Published Conference Proceedings: Helguera, Maria and Mohammed YousefHussien. "Three-dimensional Volume Analysis of Vasculature in Engineered Tissues." *Proceedings of the SPIE EI/DRR*. San Diego, California: n.p., 2013. Print. *

Published Conference Proceedings: Sinha, S, et al. "Frequency Analysis of Multispectral Photoacoustic Images for Differentiating Malignant Region from the Normal Region in Excised Human Prostate." *Proceedings of the SPIE Medical Imaging; Ultrasonic Imaging and Tomography*. San Diego, California: n.p., 2013. Print. *

Published Conference Proceedings: Pow, Joseph, et al. "Using A Non-Traditional Pedagogy In Freshman-Level STEM Classes: Implications For Faculty." *Proceedings of the Hawaii University International Conference on Education, Math, and Engineering Technology*. Honolulu, Hawaii: n.p., 2013. Print. *

Matthew J Hoffman, Assistant Professor

Published Conference Proceedings: UzKent, Burak, et al. "Feature Matching and Adaptive Prediction Models in an Object Tracking DD-DAS." *Proceedings of the Procedia Computer Science*. n.p., 2013. Print. *

Joseph Hornak, Professor

Full Length Book: Hornak, Joseph P. *The Basics of MRI (Spanish Version)*. Henrietta, New York: Interactive Learning Software, 2013. print. *

Emmett Ientilucci, Research Assistant Professor

Published Conference Proceedings: Ientilucci, Emmett J. "Using A New GUI Tool to Leverage Lidar Data to Aid in Hyperspectral Image Material Detection in the Radiance Domain on RIT SHARE LiDAR/HSI Data." *Proceedings of the Imaging Spectrometry XVIII*. San Diego, California: n.p., 2013. Print. *



Published Conference Proceedings: Albano, James A., David W. Messinger, and Emmett J. Ientilucci. "Spectral Target Detection Using a Physical Model and A Manifold Learning Technique." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Ientilucci, Emmett J. "Spectral Target Detection Using A Physical Model and A Manifold Learning Technique." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Ientilucci, Emmett J. "SHARE 2012: Analysis of Illumination Differences on Targets in Hyperspectral Imagery." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Joel Kastner, Professor

Invited Paper: Montez, Rodolfo and Joel H. Kastner. "The Secret X-ray Lives of Planetary Nebulae." Newsletter of NASA's Chandra X-ray Observatory. (2013). Web. Δ

John Kerekes, Associate Professor

Journal Paper: Herweg, Jared A., John P. Kerekes, and Michael T. Eismann. "Separability Between Pedestrians in Hyperspectral Imagery." Applied Optics 52. 6 (2013): 1330-1338. Print. *

Published Conference Proceedings: Ding, Bo and John P. Kerekes. "Extended Hyperspectral Imaging System Modeling and Implementation for Subpixel Target Detection." Proceedings of the Imaging Spectrometry XVIII. San Diego, California: n.p., 2013. Print. *

Published Conference Proceedings: Perkins, Cara and John P. Kerekes. "Spatial Heterodyne Spectrometer: Modeling and Interferogram Processing for Calibrated Spectral Radiance Measurements." Proceedings of the Imaging Spectrometry XVIII. San Diego, California: n.p., 2013. Print. *

Published Conference Proceedings: Kerekes, John P., et al. "Theoretical Modeling of Lidar Return Phenomenology from Snow and Ice Surfaces." Proceedings of the IGARSS. Melbourne, Victoria: n.p., 2013. Print. *

Published Conference Proceedings: Maitra, Sanjet, et al. "Characterization of Basic Scattering Mechanisms Using Laboratory Based Polarimetric Synthetic Aperture Radar Imaging." Proceedings of the IGARSS. Melbourne, Victoria: n.p., 2013. Print. *

Published Conference Proceedings: Horan, Kim H. and John P. Kerekes. "An Automated Statistical Analysis Approach to Noise Reduction for Photon-counting Lidar Systems." Proceedings of the IGARSS. Melbourne, Victoria: n.p., 2013. Print. *

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Canham, Kelly, et al. "SHARE 2012: Large Edge Targets for Hyperspectral Imaging Applications." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Kerekes, John P., et al. "SHARE 2012: Subpixel Detection and Unmixing Experiments." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Kerekes, John P. and Dan Goldberg. "Hyperspectral Image Quality for Unmixing and Subpixel Detection Applications." Proceedings of the Image Quality and System Performance X. Burlingame, California: n.p., 2013. Print. *

Published Conference Proceedings: Katuwal, G, et al. "Automatic Fundus Image Detection and Quality Assessment." Proceedings of the IEEE Western New York Image Processing Workshop. Rochester, New York: n.p., 2013. Print. *

Published Conference Proceedings: Kerekes, John P., et al. "Measurements and Modeling of LWIR Spectral Emissivity of Contaminated Quartz Sand." Proceedings of the Workshop on Hyperspectral Image and Signal Processing. Gainesville, FL: n.p., 2013. Print. *

Published Conference Proceedings: Uzkent, Burak, et al. "Feature Matching and Adaptive Prediction Models in an Object Tracking DD-DAS." Proceedings of the Procedia Computer Science. n.p., 2013. Print. *

Preeti Kharb

Journal Paper: Baum, Stefi A., et al. "Hubble Space Telescope Observations of Dusty Filaments in Hercules A: Evidence for Entrainment." *Astrophysical Journal*. 771 (2013): 186-191. Print. *

Robert Kremens, Research Associate Professor

Journal Paper: Kremens, Robert L. "Flame-front Scale Numerical Simulation of Wildland Fire Radiant Emission Spectra as an Aid to Observation of Wildfires." *International Journal of Wildland Fire*. (2013) Print. *

Journal Paper: Smith, A M., et al. "Fuel Moisture Impacts Fire Radiative Energy Measures." *Geophysical Research Letters* 40. (2013): 1-5. Print. *

Journal Paper: Heilman, W, et al. "Observations of Fire-Atmosphere Interactions during Low-Intensity Prescribed Fires in the New Jersey Pine Barrens." *International Journal of Wildland Fire*. (2013) Print. *

Journal Paper: Brewer, N, et al. "Fuel Moisture Influences on Fire-altered Carbon in Masticated Fuels: An Experimental Study." *Journal of Geophysical Research* 40. (2013): 30-40. Print. *

Published Conference Proceedings: Hudak, A L., et al. ". Fire Radiative Power and Fire Radiative Energy Estimated from Multi-temporal Airborne WASP Thermal Infrared Images of Active Fire at Eglin Air Force Base, Florida." Proceedings of the American Geophysical Union Annual Meeting. San Francisco, California: n.p., 2013. Print. *

Poorna Kushalnagar, Research Assistant Professor

Journal Paper: Schick, Brenda, et al. "School Placement and Perceived Quality of Life in Youth Who Are Deaf or Hard of Hearing." *Journal of Deaf Studies and Deaf Education* 18. 1 (2013): 47-61. Print. *



Michael Long

Journal Paper: Long, Michael E., et al. "Crowd Anomaly Detection Using Standardized Modeled Input." *International Journal of Intelligent Information Systems* 1. 1 (2013): 1-6. Print. *

Journal Paper: Wolcott, Scott B. and Michael E. Long. "Agent Based Modeling in an Ecological Conservation Context." *RIThink* 2. (2013): 28-32. Print. *

David Messinger, Research Associate Professor

Journal Paper: Sun, Weihua and David W. Messinger. "Knowledge-Based Automated Road Network Extraction System Using Multispectral Images." *Optical Engineering* 52. 4 (2013) Print. *

Published Conference Proceedings: Ziemann, Amanda, David W. Messinger, and James A. Albano. "Target Detection Performed on Manifold Approximations Recovered from Hyperspectral Data." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX*. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Fan, Lei, Brittany Ambeau, and David W. Messinger. "A Semi-supervised Classification Algorithm Using The TAD-derived Background as Training Data." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX*. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Dorado-Munoz, Leidy, David W. Messinger, and Amanda Ziemann. "Target Detection Using The Background Model from the Topological Anomaly Detection Algorithm." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX*. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Busuiocanu, Maria, et al. "Evaluation of the CASSI-DD Hyperspectral Compressive Sensing Imaging System." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX*. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Albano, James A., David W. Messinger, and Emmett J. Ientilucci. "Spectral Target Detection Using a Physical Model and A Manifold Learning Technique." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX*. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Hagstrom, Shea and David W. Messinger. "Fusing LIDAR-based Voxel Geometry with Multi-angle Visible Imagery." *Proceedings of the Laser Radar Technology and Applications XVIII*. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Sun, Weihua and David W. Messinger. "Pan-sharpening of Spectral Image with Anisotropic Diffusion for Fine Feature Extraction Using GPU." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX*. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX*. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Canham, Kelly, et al. "SHARE 2012: Large Edge Targets for Hyperspectral Imaging Applications." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Albano, James A., Amanda Ziemann, and David W. Messinger. "Assessing the Impact of the Edge-Weighting Function in a Graph-Based Approach to Anomaly Detection." Proceedings of the IEEE WHISPERS 2013. Gainesville, Florida: n.p., 2013. Print. *

Published Conference Proceedings: Busuiocanu, Maria, et al. "Analysis and Utility of Atmospheric Compensation of Simulated Compressive Sensing (CS) Measurements." Proceedings of the IEEE WHISPERS 2013. n.p., 2013. Print. *

Erin Ontiveros

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Jeff Pelz, Professor

Published Conference Proceedings: Pelz, Jeff B. "Integrating Eye Movements and Spoken Description for Medical Image Understanding." Proceedings of the European Conference on Eye Movements. Lund, Scania: n.p., 2013. Print. *

Published Conference Proceedings: Pelz, Jeff B. "Head Motion Compensation for Remote Eye Trackers." Proceedings of the European Conference on Eye Movements. Lund, Scania: n.p., 2013. Print. *

Published Conference Proceedings: Pelz, Jeff B. "Markers of Confidence and Correctness in Spoken Medical Narratives." Proceedings of the 14th Annual Conference of the International Speech Communication Association. Lyon, Rhone-Alpes: n.p., 2013. Print. *

Published Conference Proceedings: Pelz, Jeff B. "Using Linguistic Analysis to Characterize Conceptual Units of Thought in Spoken Medical Narratives." Proceedings of the 14th Annual Conference of the International Speech Communication Association, International Speech Communication Association. Lyon, Rhone-Alpes: n.p., 2013. Print. *

Michael Pierce, Assistant Professor

Journal Paper: Pierce, Michael S. "Dynamics of Au (100) Surface in Electrolytes: In-Situ Coherent X-ray Scattering." Physical Review B 86. (2013): 085410-. Print. *

Journal Paper: Pierce, Michael S. "Epitaxial Oxide Bilayer on Pt (001) Nanofacets." Journal of Chemical Physics 136. (2013): 044704-. Print. *

Journal Paper: Pierce, Michael S. "Study of Electrode Surface Dynamics Using Coherent Surface X-ray Scattering." Electrochimica Acta 82. (2013): 570-. Print. *

Joe Pow

Published Conference Proceedings: Pow, Joseph, et al. "Using A Non-Traditional Pedagogy In Freshman-Level STEM Classes: Implications For Faculty." Proceedings of the Hawaii University International Conference on Education, Math, and Engineering Technology. Honolulu, Hawaii: n.p., 2013. Print. *



N Rao, Professor

Published Conference Proceedings: Sinha, S, et al. "Differentiation Between Malignant and Normal Human Thyroid Tissue Using Frequency Analysis of Multispectral Photoacoustic Images." Proceedings of the 2013 Western New York Image Processing Workshop. Rochester, New York: n.p., 2013. Print. *

Nina Raqueno

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Canham, Kelly, et al. "SHARE 2012: Large Edge Targets for Hyperspectral Imaging Applications." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Kerekes, John P., et al. "SHARE 2012: Subpixel Detection and Unmixing Experiments." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Carl Salvaggio, Professor

Journal Paper: Sun, Shaohui and Carl Salvaggio. "Aerial 3D Building Detection and Modeling from Airborne LiDAR Point Clouds." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 6. 3 (2013): 1440-1449. Print. *

Published Conference Proceedings: Salvaggio, Katie N. and Carl Salvaggio. "Automated Identification of Voids in Three-dimensional Point Clouds." Proceedings of the Earth Observing Systems XVIII. San Diego, California: n.p., 2013. Print. *

Published Conference Proceedings: Kerekes, John P., et al. "Measurements and Modeling of LWIR Spectral Emissivity of Contaminated Quartz Sand." Proceedings of the Workshop on Hyperspectral Image and Signal Processing. Gainesville, FL: n.p., 2013. Print. *

John Schott, Professor

Journal Paper: Gerace, Aaron D., John R. Schott, and R Nevins. "Increased Potential to Monitor Water Quality in the Near-shore Environment with Landsat's Next-generation Satellite." Journal of Applied Remote Sensing 7. (2013): 073558-073558. Print. *

Journal Paper: Gartley, Michael G. and John R. Schott. "Serendipitous Imaging of Space Objects With the Advanced Land Imager." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 6. 2 (2013): 440-445. Print. *

Journal Paper: Pahlevan, Nima and John R. Schott. "Leveraging EO-1 to Evaluate Capability of New Generation of Landsat Sensors for Coastal/Inland Water Studies." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. 99 (2013): 1-15. Print. *

Published Conference Proceedings: Devaraj, Chabitha, Michael G. Gartley, and John R. Schott. "Influence of Polarization Phenomenology on Material Discriminability Using Multi-view Polarimetric Imagery." Proceedings of the Indian Institute of Technology Conference. n.p., 2013. Print. *

Published Conference Proceedings: Pahlevan, Nima, et al. "Analyzing Radiometric Requirements for Diurnal Observations of Coastal/oceanic Waters from Geostationary Orbits." Proceedings of the SPIE Ocean Sensing and Monitoring V. n.p., 2013. Print. *

Published Conference Proceedings: Cook, Monica J. and John R. Schott. "Initial Validation of Atmospheric Compensation for a Landsat Land Surface Temperature Product." Proceedings of the SPIE Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, Maryland: n.p., 2013. Print. *

Thomas W. Smith, Professor

Journal Paper: Smith, Thomas W. "Imidazole Polymers Derived from Ionic Liquid 4-Vinylimidazolium Monomers: Their Synthesis and Thermal and Dielectric Properties." *Molecules* ASAP. ma300862t (2013) Print. *

Published Conference Proceedings: Smith, Thomas W. "PVDF-based Polymer Blend Films for Fuel Cell Membranes." Proceedings of the MRS. Boston, Massachusetts: n.p., 2013. Print. *

Grover Swartzlander, Associate Professor

Journal Paper: Swartzlander, Grover and Gareth Ruane. "Optical Vortex Coronagraphy with an Elliptical Aperture." *Applied Optics* 52. 2 (2013): 171-176. Print. * £ † ≠

Journal Paper: Swartzlander, Grover, Timothy Peterson, and Alexandra Artusio-Glimpse. "Refractive Optical Wing Oscillators with One Reflective Surface." *Optics Letters* 38. 6 (2013): 935-937. Print. * £ † ≠

Jan van Aardt, Associate Professor

Journal Paper: Wu, Jiaying, Kerry A. Cawse-Nicholson, and Jan A. van Aardt. "3D Tree Reconstruction from Simulated Small Footprint Waveform Lidar." *Photogrammetric Engineering and Remote Sensing* 79. 12 (2013): 1147-1157. Print. *

Journal Paper: Mathieu, Renaud, et al. "Toward Structural Assessment of Semi-arid African Savannahs and Woodlands: The Potential of Multitemporal Polarimetric RADARSAT-2 Fine Beam Images." *Remote Sensing of Environment* 138. (2013): 215-231. Print. *

Journal Paper: Fisher, Jolene, et al. "Savanna Woody Vegetation Classification - now in 3-D." *Applied Vegetation Science*. Doi: 10.1111/avsc.12048 (2013): 1-13. Print. *

Journal Paper: Wessels, Konrad, et al. "Unsustainable Fuelwood Extraction from South African Savannahs." *Environmental Research Letters* 8. 14007 (2013): 1-10. Print. *

Published Conference Proceedings: Kelbe, David, et al. "Reconstruction of 3D Tree Stem Models from Low-cost Terrestrial Laser Scanner Data." Proceedings of the SPIE Defense, Security, and Sensing Conference. Baltimore, MD: n.p., 2013. Print. *

Published Conference Proceedings: Bandyopadhyay, M, Jan A. van Aardt, and Kerry A. Cawse-Nicholson. "Classification and Extraction of Trees and Buildings from Urban Scenes Using Discrete Return LiDAR and Aerial Color Imagery." Proceedings of the SPIE Defense, Security, and Sensing Conference. Baltimore, MD: n.p., 2013. Print. *

Published Conference Proceedings: Giannandrea, AnneMarie, et al. "The SHARE 2012 Data Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XIX. Baltimore, Maryland: n.p., 2013. Print. *

Published Conference Proceedings: Cawse-Nicholson, Kerry A., et al. "A Study of Energy Attenuation Due to Forest Canopy in Small-footprint Waveform Lidar Signals." Proceedings of the Annual Conference. Baltimore, MD: n.p., 2013. Print. *



Published Conference Proceedings: Cawse-Nicholson, Kerry A., et al. "On the Scalability of Spectral Leaf Area Index Metrics." Proceedings of the Annual conference. Baltimore, MD: n.p., 2013. Print. *

Published Conference Proceedings: Krause, Keith, et al. "NEON Airborne Observation Platform Test Flights: Validation of Airborne Lidar and Hyperspectral Data." Proceedings of the Annual Meeting. Baltimore, MD: n.p., 2013. Print. *

Published Conference Proceedings: Romanczyk, Paul A., et al. "The Effect of Positioning Error on the Repeatability of Small-Footprint Waveform Lidar Signals." Proceedings of the Silvilaser 2014. Beijing, : n.p., 2013. Print. *

Anthony Vodacek, Associate Professor

Journal Paper: Chen, Bin, Anthony Vodacek, and Nathan D. Cahill. "A Novel Adaptive Scheme for Evaluating Spectral Similarity in High-resolution Urban Scenes." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 6. 3 (2013): 1376-1385. Print. *

Published Conference Proceedings: Uz Kent, Burak, et al. "Feature Matching and Adaptive Prediction Models in an Object Tracking DD-DAS." Proceedings of the Procedia Computer Science. n.p., 2013. Print. *

Richard Zanibbi, Associate Professor

Published Conference Proceedings: Zanibbi, Richard and Bertrand Cousanon. "Proceedings of Document Recognition and Retrieval XX." Proceedings of the Document Recognition and Retrieval XX. San Francisco, CA: n.p., 2013. Print. *

Published Conference Proceedings: Castellanos, Kenny Davila, et al. "AccessMath: Indexing and Retrieving Video Segments Containing Math Expressions Based on Visual Similarity." n.p., 2013. Print. *

Published Conference Proceedings: Alvaro, Francisco and Richard Zanibbi. "A Shape-based Layout Descriptor for Classifying Spatial Relationships in Handwritten Math." n.p., 2013. Print. *

Published Conference Proceedings: Zhu, Siyu and Richard Zanibbi. "Label Detection and Recognition for USPTO Images using Convolutional K-means Feature Quantization and AdaBoost." n.p., 2013. Print. *

Published Conference Proceedings: Mouchere, Harold, et al. "ICDAR 2013 CROHME: Third International Competition on Recognition of Online Handwritten Mathematical Expressions." n.p., 2013. Print. *

Published Conference Proceedings: Hu, Lei and Richard Zanibbi. "Segmenting Handwritten Math Symbols Using AdaBoost and Multi-Scale Shape Context Features." n.p., 2013. Print. *

Published Conference Proceedings: Zhu, Siyu, Lei Hu, and Richard Zanibbi. "Rotation-Robust Math Symbol Recognition and Retrieval Using Outer Contours and Image Subsampling." Proceedings of the Document Recognition and Retrieval XX. San Francisco, CA: n.p., 2013. Print. *

Published Conference Proceedings: Zanibbi, Richard, H Mouchere, and C Viard-Gaudin. "Evaluating Structural Pattern Recognition for Handwritten Math via Primitive Label Graphs." Proceedings of the SPIE EI/DRR. San Francisco, CA: n.p., 2013. Print. *

School of Chemistry and Materials Science

Jeremy A Cody, Assistant Professor

Journal Paper: Spencer, Susan, et al. "The Effect of Controllable Thin Film Crystal Growth on the Aggregation of a Novel High Panchromaticity Squaraine Viable for Organic Solar Cells." *Solar Energy Materials & Solar Cells* 112. (2013): 202-208. Print. * «

Journal Paper: D'Angelo, John, et al. "Ritter Reactions of Alcohols Mediated by the Conducting Polymer, Poly-(3,4 ethylenedioxy thiophene)." *Synthetic Communications* 43. 23 (2013): 3224-3232. Print. *

Michael G Coleman, Assistant Professor

Journal Paper: Rodrigo, Sanjeeva K., et al. "Efficient and Regioselective Nickel-Catalyzed [2 + 2 + 2] Cyclotrimerization of Ynoates and Related Alkynes." *Organic and Biomolecular Chemistry* 11. (2013): 7653-7657. Print. *

Paul A Craig, Professor

Journal Paper: Craig, Paul A., Lea Vacca Michel, and Robert C. Bateman. "A Survey of Educational Uses of Molecular Visualization Freeware." *Biochemistry and Molecular Biology Education* 41. 3 (2013): 193-205. Print. « ≠

Published Conference Proceedings: Dodge, Gregory, et al. "Development and Testing of a Systematic Approach for Computational Enzyme Function Determination." *Proceedings of the American Society for Biochemistry & Molecular Biology*, Boston, MA, April. Ed. FASEB Journal. Rockville, MD: FASEB Journal, 2013. Print. † ≠

Published Conference Proceedings: Sekera, Emily Rose, Aidan Sawyer, and Paul A. Craig. "A 2DE-Tandem MS Simulation with a Structural Interface." *Proceedings of the American Society for Biochemistry & Molecular Biology*, Boston, MA, April. Ed. FASEB Journal. Rockville, MD: Federation of American Societies of Experimental Biology, 2013. Print. †

Nathan C Eddingsaas

Invited Presentations/Keynotes: Eddingsaas, Nathan C. "Formation of Low Vapor Pressure Compounds in Atmospheric Aerosols: Mechanism of Organosulfate Formation." 245th ACS National Meeting. American Chemical Society. New Orleans, LA. 7 Apr. 2013. Conference Presentation.

Joseph Hornak, Professor

Published Conference Proceedings: Hornak, Joseph P., William J. Ryan, and Nicholas Zumbulyadis. "Non-destructive Low Frequency EPR Spectroscopy of Pottery Standards Using Surface Coils." *Proceedings of the 246th American Chemical Society National Meeting*. Ed. ACS. Indianapolis, IN: n.p., 2013. Print. *

Published Conference Proceedings: Hornak, Joseph P., William J. Ryan, and Nicholas Zumbulyadis. "The Potential of Low Frequency EPR Spectroscopy in Studying Pottery Artifacts." *Proceedings of the 2013 Materials Research Society Fall Meeting*. Ed. MRS. Boston, MA: MRS, 2013. Print. *

Published Conference Proceedings: Hornak, Joseph P., et al. "The Potential of Low Frequency Electron Paramagnetic Resonance for the Analysis of Cultural Heritage Artifacts." *Proceedings of the Rochester Academy of Science 40th Annual Fall Scientific Paper Session*. Ed. RAS. Rochester, NY: RAS, 2013. Print.

Full Length Book: Hornak, Joseph P. *The Basics of MRI*. (Spanish Edition) ed. Henrietta, NY: Interactive Learning Software, 2013. Web.



Lea Michel, Assistant Professor

Journal Paper: Michel, Lea Vacca, et al. "Dual Orientation of the Outer Membrane Lipoprotein P6 of Nontypeable Haemophilus Influenzae." *Journal of Bacteriology* 195. (2013): 3252-3259. Print. ~

Journal Paper: Craig, Paul A, Lea Vacca Michel, and Robert C Bateman. "A Survey of Educational Uses of Molecular Visualization Freeware." *Biochemistry and Molecular Biology Education* 41. (2013): 193-205. Print. ~

Matt Miri, Associate Professor

Invited Presentations/Keynotes: Miri, Mas-soud J., Dieter M. Scheibel, and William Orts. "Styrene/Eugenol Copolymers and Poly-eugenol Obtained by Coordination Polymerization." American Chemical Society Fall Meeting. American Chemical Society. Indianapolis, IN. 11 Sep. 2013. Conference Presentation.

Invited Presentations/Keynotes: Miri, Mas-soud J. "Plastics for the Future - On the Way to Sustainable Polymers." American Chemical Society, California Local Section, Seminar. American Chemical Society, California Section. Berkeley, CA. 21 Mar. 2013. Guest Lecture.

John-David R Rocha

Invited Presentations/Keynotes: Rocha, John-David R., et al. "Spectrofluorimetric Kinetic Studies of High Purity Single-walled Carbon Nanotube Solutions Separated by Centrifugation and Gel Chromatography." 246th American Chemical Society National Meeting & Exposition. American Chemical Society. Indianapolis, IN. 8 Sep. 2013. Conference Presentation.

Invited Presentations/Keynotes: Breindel, Leonard M., et al. "Development of Instrumentation for the Fast Kinetic Analysis of Single-walled Carbon Nanotube Chemical Reactions." 246th American Chemical Society National Meeting & Exposition. American Chemical Society. Indianapolis, IN. 11 Sep. 2013. Conference Presentation. ~

Invited Presentations/Keynotes: Rocha, John-David R., et al. "Understanding Separation and Functionalization Processes of High Purity Semiconducting SWCNTs via Spectrofluorimetric Kinetic Analysis." NanoTechnology for Defense Conference (NT4D) 2013. Blue52 Productions - USASymposium. Tucson, AZ. 7 Nov. 2013. Conference Presentation.

Invited Presentations/Keynotes: Rocha, John-David R., et al. "Fast and Efficient Spectrofluorimetric Kinetic Studies of Semiconducting SWCNT Solutions Separated by Centrifugation and Gel Chromatography." 2013 Materials Research Society Fall Meeting & Exhibit. Materials Research Society. Boston, MA. 5 Dec. 2013. Conference Presentation.

Invited Presentations/Keynotes: Ashour, Rakan F., et al. "Fast and Efficient Spectrofluorimetric Analysis of High Purity SWCNT Thin Films Prepared by Centrifugation and Gel Chromatography." 2013 Materials Research Society Fall Meeting. Materials Research Society. Boston, MA. 5 Dec. 2013. Conference Presentation.

Kalathur S Santhanam, Professor

Journal Paper: Santhanam, K.S.V., Xu Chen, and S. Gupta. "Modelization of Nanospace Interaction Involving a Ferromagnetic Atom: A Spin Polarization Effect Study by Thermogravimetric Analysis." *Journal Nanoscience and Nanotechnology* 13. (2013): 1-10. Print. * Δ

Journal Paper: Chen, Xu, S. Gupta, and K.S.V. Santhanam. "Thermogravimetric Analysis of Atomized Ferromagnetic Composites with Multiwalled Carbon Nanotubes: An Unusual Behavior of Nickel." *Journal Nanoscience and Nanotechnology* 13. (2013) Print. *

Invited Presentations/Keynotes: Santhanam, K.S.V. and Melodie Torres. "Quality Control of Silicone Hydrogel Contact Lenses by Impedance Spectroscopy." *Materials Research Society. MRS.* Boston, MA. 4 Dec. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Santhanam, K.S.V. "Higher Education in Materials Science and Engineering in USA and RIT." *United States Information Education Foundation. USIEF.* Chennai, Tamil Nadu. 12 Jul. 2013. Lecture.

Invited Presentations/Keynotes: Santhanam, K.S.V. "Higher Education in Materials Science in USA and RIT." *Prospective Students to USA. USIEF.* Mumbai, Maharashtra. 19 Jul. 2013. Lecture.

Hans F Schmitthener, Lecturer

Journal Paper: Orton, S.P., et al. "Broad Based Tissue Uptake of Polycationic Near-infrared Polymeric Nanoparticles in Living Mice." *J Biomed Nanotechnol.* 2013 Jan;9(1):77-85 9. 1 (2013): 77-85. Print. * £

Gerald Takacs, Professor

Invited Presentations/Keynotes: Abdulal, Entesar Al, et al. "Surface Modification of Polystyrene with Ozone." *40th Annual Meeting of the Rochester Academy of Science.* Nazareth College. Rochester, NY. 9 Nov. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Takacs, Gerald A., et al. "Vacuum UV Photo-oxidation and Reaction of Oxygen Atoms with Poly(ethylene naphthalate)." *9th European Technical Symposium on Polyimides & High Performance Functional Polymers (STEPI 9).* University of Montpellier. Montpellier, France. 3 Jun. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Takacs, Gerald A., et al. "UV Photo-chlorination and Bromination of Single-walled Carbon Nanotubes." *Ninth International Symposium on Polymer Surface Modification: Relevance to Adhesion.* Leigh University. Bethlehem, PA. 17 Jun. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Abdulal, Entesar Al, et al. "Reaction of Ozone with the Landfill Waste Polystyrene." *Finger Lakes Research Conference.* Hobart and William Smith Colleges. Geneva, NY. 15 Nov. 2013. Conference Presentation. Δ

Journal Paper: Takacs, Gerald A., et al. "Fluoride Ions at the Cu-fluoropolymer Interface." *Surface and Interface Analysis* 46. 6 (2013): 1056-1062. Print. £

Journal Paper: Takacs, Gerald A., et al. "Vacuum UV Photo-oxidation and Reaction of Oxygen Atoms with Poly(ethylene 2,6-naphthalate)." *Proceedings of 9th European Technical Symposium on Polyimides & High Performance Functional Polymers.* (2013): 183-192. Print. Δ

School of Life Sciences

Gregory Babbitt, Assistant Professor

Journal Paper: Ryen, E, et al. "Community Ecology Perspectives on the Structural and Functional Evolution of Consumer Electronics." *Journal of Industrial Ecology.* (2013): 10. Print. *



Journal Paper: Babbitt, G.A., C.A. Hanzlik, and K.N. Busse. "Observing Fluorescent Probes in Living Cells Using a Low Cost LED Flashlight Retrofitted to a Common Vintage Light Microscope." *Journal of Microbiology and Biology Education* 14.1 14. 1 (2013): 121-124. Web. *

Published Conference Proceedings: Alawad, M. and G.A. Babbitt. "Codon Bias and the Multiplexing of Genetic and Structural Information in DNA." *Proceedings of the Society for Molecular Biology and Evolution*. Ed. Sudhir Kumar. Chicago, IL: n.p., 2013. Print. *

Sandra J Connelly, Assistant Professor

Journal Paper: Poland, Daniel M, et al. "Variation in Symbiodinium Communities in Juvenile *Briareum asbestinum* (Cnidaria: Octocorallia) Over Temporal and Spatial Scales." *Marine Ecology Progress Series* 476. (2013): 23-37. Print. *

Mark Fairchild, Professor

Journal Paper: Masaoka, K., et al. "The Number of Discernible Object Colors is a Conundrum." *Virtual Journal for Biomedical Optics* 8. 3 (2013) Web. *

Journal Paper: Masaoka, K., et al. "The Number of Discernible Object Colors is a Conundrum." *Journal of the Optical Society of America A* 30. (2013): 264-277. Print. *

Invited Presentations/Keynotes: Fairchild, M.D. "Color scales." X National Congress of Color. Spanish Color Committee. Valencia, Spain. 27 Jun. 2013. Keynote Speech. Δ

Published Conference Proceedings: Farnand, S. and M.D. Fairchild. "Evaluating Complexity in Photographic Images Using Perceptual, Eye-tracking, and Segmentation Methods." *Proceedings of the AIC Colour 2013*. Ed. AIC. Newcastle, England: AIC, Print. *

Published Conference Proceedings: Asano, Y., M.D. Fairchild, and L. Blondé. "Observer Variability Experiment Using a Four-primary Display." *Proceedings of the AIC Colour 2013*. Ed. AIC. Newcastle, England: AIC, Print. *

Published Conference Proceedings: Melgosa, M. and M.D. Fairchild. "Inspiring Future Experimental Scientists Through Questions Related to Colour." *Proceedings of the 12th International Conference on Education and Training in Optics & Photonics*. Ed. ETPO. Porto, Portugal: ETPO, 2013. Print. Δ

Published Conference Proceedings: Fairchild, M.D. "Seeing, Adapting to, and Reproducing the Appearance of Nature." *Proceedings of the OSA International Conference on Light and Color in Nature*. Ed. OSA. Fairbanks, Alaska: OSA, 2013. Print. *

Published Conference Proceedings: Asano, Y. and M.D. Fairchild. "Observer Variability Experiment Using a Four-primary Display." *Proceedings of the IS&T 21st Color & Imaging Conference*. Ed. IS&T. Albuquerque, NM: IS&T, 2013. Print. *

Published Conference Proceedings: Fairchild, M.D. and R.L. Heckaman. "Metameric Observers: A Monte Carlo approach." *Proceedings of the IS&T 21st Color & Imaging Conference*, Albuquerque. Ed. IS&T. Albuquerque, NM: IS&T, 2013. Print. *

Invited Presentations/Keynotes: Fairchild, M.D. "Hard-core Panel: Non-convexity of the Spectrum Locus: A Crime Against Color Order? How Guilty is Human Vision?" *IS&T 21st Color & Imaging Conference*. IS&T. Albuquerque, NM. 8 Dec. 2103. Conference Presentation. Δ

Andre Hudson, Assistant Professor

Journal Paper: Hudson, Andre O, et al. "Differential Response of Orthologous L,L-diaminopimelate Aminotransferase (DapL) to Enzyme Inhibitory Antibiotic Lead Compounds." *Bioorganic and Medicinal Chemistry*. (2013): 10.1016/j.bmc.2013.10.055. Print. *

Journal Paper: Gan, HM, et al. "Comparative Genomic Analysis of Six Bacteria Belonging to the Genus *Novosphingobium*: Insights into Host Interactions, Marine Adaptation and Bioremediation." *BMC Genomics* 14. 431 (2013): doi:10.1186/1471-2164-14-431. Web. *

Journal Paper: Hudson, Andre O, et al. "Biochemical Characterization of UDP-N-acetylmuramoyl-L-alanyl-D-glutamyl:meso-2,6-diaminopimelate ligase (MurE) from *Verrucomicrobium spinosum* DSM 4136T." *PloS ONE* 8. 6 (2013): e66458.doi:10.1371/journal.pone.0066458. Web. *

Invited Presentations/Keynotes: Hudson, Andre O. "L,L-diaminopimelate aminotransferase (DapL): A Novel Enzyme Involved in Peptidoglycan Biosynthesis." The Great Wall Symposium. Pasteur Institute. Paris, France. 23-25 Sep. 2013. Conference Presentation.

Invited Presentations/Keynotes: Hudson, Andre O. "Structure-activity Relationships Among the Mur ligase Family." The Great Wall Symposium. Pasteur Institute. Paris, France. 23-25 Sep. 2013. Conference Presentation.

Invited Presentations/Keynotes: Gan, H.M., et al. "Predictable Ecological Niches of Origin Revealed by Comparative Genomics of Six *Novosphingobium* Species." American Society for Microbiology. ASM. Denver, CO. 18-21 May 2013. Conference Presentation.

Invited Presentations/Keynotes: Hudson, Andre O. "Targeting the Essential Amino Acid Biosynthesis Pathways for the Discovery of Novel Antibiotics." East Carolina State University. Greenville, NC. 2 Oct. 2013. Lecture.

Invited Presentations/Keynotes: Hudson, Andre O. "L,L-diaminopimelate aminotransferase (DapL): A Novel Enzyme Involved in Peptidoglycan Biosynthesis." The Great Wall Symposium. Pasteur Institute. Paris, France. 23 Sep. 2013. Address.

Dina Newman, Assistant Professor

Journal Paper: Wright, L. Kate and Dina L. Newman. "A PCR-based Laboratory Exercise that Increases Student Understanding of Central Dogma Concepts." *Journal of Microbiology and Biology Education* 14. 1 (2013): 93-100. Print. «

Journal Paper: Wright, L. Kate, et al. "Online Reading Informs Classroom Instruction and Promotes Collaborative Learning." *Journal of College Science Teaching* 43. 2 (2013): 44-53. Print. «

Published Conference Proceedings: Newman, Dina L., et al. "Lessons Learned from the First Year Implementation of a Two-Track, Reformed Introductory Biology Course." *Proceedings of the National Association of Biology Teachers Research Symposium*. Ed. Teddie Phillipson-Mower. Atlanta, GA: The National Association of Biology Teachers, 2013. Web. «

Invited Presentations/Keynotes: Newman, Dina L. and Adam Hott. "What is a Gene?" Undergraduate Faculty Genetics Education Workshop. American Society of Human Genetics. Boston, MA. 22 Oct. 2013. Lecture. Δ

Shows/Exhibits/Installations: Newman, Dina L. *CSI Debunked: The Truth about Fingerprints*. By Jeffrey Nick Fisk, et al. 4 May 2013. Imagine RIT, Rochester, NY. Exhibit. £



Michael Osier, Associate Professor

Invited Presentations/Keynotes: Osier, Michael. "Curriculum Reflections Spawned by Semester Conversion." Undergraduate Bioinformatics Education Conference. St. Vincent College. Latrobe, PA. 30 May 2013. Keynote Speech.

Invited Presentations/Keynotes: Osier, Michael. "CNVs in Autism and Schizophrenia? Hype or Hope?" TIGR. University of Rochester. Rochester, NY. 20 Nov. 2013. Guest Lecture.

Michael Savka, Professor

Book Chapter: Savka, Michael A, et al. "Biased Rhizosphere? Concept and Advances in the Omics Era to Study Bacterial Competitiveness and Persistence in the Phytosphere." *Molecular Microbial Ecology of the Rhizosphere*. Hoboken, NJ: John Wiley & Sons, Inc., 2013. 1147-1161. Print. Δ

Journal Paper: Gan, Han Ming, et al. "Comparative Genomic Analysis of Six Bacteria Belonging to the Genus *Novosphingobium*: Insights into Marine Adaptation, Cell-cell Signaling and Bioremediation." *BMC Genomics* 14. 431-445 (2013): 431-445. Web. *

Journal Paper: McCroty, Sean E, et al. "Biochemical Characterization of UDP-N-acetylmuramoyl-L-alanyl-D-glutamyl:meso-2,6-diaminopimelate ligase (MurE) from *Verrucomicrobium spinosum*." *PLOSone* 8. 6 (2013): e66458. Web. *

Gary R Skuse

Book Chapter: Skuse, Gary R. and Kathleen Lamkin-Kennard. "Reverse Engineering Life: Physical and Chemical Mimetics for Controlled Stem Cell Differentiation into Cardiomyocytes." *Methods in Molecular Biology*. Ed. John W. Ludlow and Joydeep Basu. New York, New York: Humana Press, 2013. 99-114. Print. *

Susan Smith, Assistant Professor

Journal Editor: Pagano, Susan Smith, ed. *Condor:Ornithological Applications*. Petaluma, CA: American Ornithological Society, 2013. Print.

Journal Paper: Smith, Susan B., Samantha A. DeSando, and Todd Pagano. "Value of Native and Invasive Fruit-bearing Shrubs for Migrating Songbirds." *Northeastern Naturalist* 20. 1 (2013): 171-184. Print. £

Journal Paper: Smith, Susan B. "A Physiological Assessment of Seasonal Differences in Spring and Autumn Migration Stopover at Braddock Bay, Lake Ontario." *Condor* 115. 2 (2013): 273-279. Print. £

Journal Editor: Smith, Susan B., ed. *Northeastern Naturalist*. Steuben, ME: Eagle Hill Institute, 2013. Print.

Invited Presentations/Keynotes: Smith, Susan B., et al. "Assessing the Nutritional Impact of Invasive Fruits on Migrating Songbirds." 13th Northeast Natural History Conference. Association of Northeastern Biologists. Springfield, MA. 14 Apr. 2013. Conference Presentation.

Invited Presentations/Keynotes: Smith, Susan B., et al. "Comparison of the Nutritional and Antioxidant Properties of Native and Introduced Fruits." American Chemical Society Spring 2013 National Meeting. American Chemical Society. New Orleans, LA. 9 Apr. 2013. Conference Presentation.

Invited Presentations/Keynotes: Wink, Gloria, et al. "Environmental Applications of Total Phenol Content Measurements." American Chemical Society Spring 2013 National Meeting and Exposition. American Chemical Society. New Orleans, LA. 8 Apr. 2013. Conference Presentation.

Anna Tyler, Assistant Professor

Journal Paper: Yarrington, Charles S, Andrew H Altieri, and Anna Christina Tyler. "Non-consumptive Effects of Predators Alter the Ability of Benthic Invertebrates to Modify Sediment Biogeochemistry and Benthic Microalgal Abundance." *Journal of Experimental Marine Biology and Ecology* 446. (2013): 253-261. Print. * † ≠

Journal Paper: Premo, Katherine and Anna Christina Tyler. "Threat of Predation Alters the Ability of Benthic Invertebrates to Modify Sediment Biogeochemistry and Benthic Microalgal Abundance." *Marine Ecology Progress Series* 494. (2013): 29-39. Print. * †

Leslie Kate Wright, Assistant Professor

Journal Paper: Wright, L. Kate, et al. "Online Reading Informs Classroom Instruction and Promotes Collaborative Learning." *Journal of College Science Teaching* 43. 2 (2013): 44-53. Print. *

Journal Paper: Wright, L. Kate, et al. "Dual Orientation of the Outer Membrane Lipoprotein P6." *Journal of Bacteriology* 195. 14 (2013): 3252-9. Print. *

Journal Paper: Wright, L. Kate and Dina L. Newman. "A PCR-Based Laboratory Exercise That Increases Student Understanding of Central Dogma Concepts." *Journal of Biology and Microbiology Education*. 14. 1 (2013): 93-100. Print. *

Published Conference Proceedings: Wright, L. Kate, et al. "Lessons Learned from the First Year Implementation of a Two-Track Reformed Introductory Biology Course." *Proceedings of the National Associations of Biology Teachers Research Symposium*. Ed. Teddie Phillipson-Mower. Atlanta, GA: n.p., 2013. Web. «

School of Mathematical Sciences

Ephraim Agyingi, Associate Professor

Journal Paper: Agyingi, Ephraim O and Christopher T.H. Baker. "Derivation of Variation of Parameters Formulas for Non-linear Volterra Equations, Using a Method of Embedding." *J. Integral Equations Applications* 25. 2 (2013): 143-319. Print. ~

Bernard Brooks, Associate Professor

Journal Paper: Longo, David J. and Bernard Brooks. "Modeling the RIT Facebook Social Network." *RIThink* 3. (2013): 74-78. Web. £

Journal Paper: Brooks, Bernard, N. DiFonzo, and D. Ross. "GBN-Dialogue Model of Outgroup-Negative Rumor Transmission: Group Membership, Belief, and Novelty." *Nonlinear Dynamics, Psychology and Life Sciences* 17. 2 (2013): 269-293. Print. «

Invited Presentations/Keynotes: Brooks, Bernard. "Modeling of the Human Colonization of Eastern Polynesia." *NYCAM*. Cornell. Ithaca, NY. 9 Nov. 2013. Conference Presentation.

Invited Presentations/Keynotes: Brooks, Bernard. "Mathematical Modeling Rumour Propagation on Social Networks." *UIBE*. University for International Business and Economics. Beijing, China. 30 Jul. 2013. Lecture.

Elizabeth Cherry, Assistant Professor

Journal Paper: Gizzi, A, et al. "Effects of Pacing Site and Stimulation History on Alternans Dynamics and the Development of Complex Spatiotemporal Patterns in Cardiac Tissue." *Frontiers in Cardiac Electrophysiology* 4. (2013): 71-1 - 71-20. Print. * ≠

Journal Paper: Bragard, J, et al. "Shock-induced Termination of Reentrant Cardiac Arrhythmias: Comparing Monophasic and Biphasic Shock Protocols." *Chaos* 23. (2013): 43119. Print. * ≠



Journal Paper: Murthy, A, et al. "Curvature Analysis of Cardiac Excitation Wavefronts." IEEE/ACM Transactions on Computational Biology and Bioinformatics 10. (2013): 323-336. Print. * ≠

Journal Paper: Bragard, J, et al. "Validation of a Computational Model of Cardiac Defibrillation." Computing in Cardiology 40. (2013): 851-854. Print. * ≠

Book Chapter: Bragard, J, et al. "Study of Cardiac Defibrillation Through Numerical Simulations." Without Bounds: A Scientific Canvas of Nonlinearity and Complex Dynamics, Understanding Complex Systems. Berlin, : Springer-Verlag, 2-13. 649-658. Print. £ ≠

Invited Presentations/Keynotes: Cherry, EM. "What We can Learn About Cardiac Arrhythmias Using High-performance Computing." Sharconet Research Day 2013. Sheridan College. Oakville, Canada, ON. 0 Apr. 2013. Keynote Speech. ≠

Invited Presentations/Keynotes: Cherry, EM. "Cardiac Arrhythmias: Improving Understanding Through Mathematical Modeling and Computer Simulation." Community Health Alliance. SUNY Geneseo. Geneseo, NY. 0 Sep. 2013. Lecture. ≠

Raluca Felea, Associate Professor

Journal Paper: Felea, Raluca, Romina Gaburro, and Cliff Nolan. "Microlocal Analysis of SAR Imaging of a Dynamic Reflectivity Function." SIAM J on Math Analysis 45. 5 (2013): 2767-2789. Print. £

Journal Paper: Ambartsoumian, Gaik, et al. "A Class of Singular Fourier Integral Operators in Synthetic Aperture Radar Imaging." Journal of Functional Analysis 264. 1 (2013): 246-269. Print. £

Invited Presentations/Keynotes: Felea, Raluca. "Microlocal Analysis of SAR with Moving Objects." Geometry and Inverse Problems Workshop. Banff International Research Center. Banff, Canada. 17 Sep. 2013. Conference Presentation. Δ

Tony Harkin

Journal Paper: Harkin, Anthony, T.J. Kaper, and A. Nadim. "Energy Transfer Between the Shape and Volume Modes of a Nonspherical Gas Bubble." Physics of Fluids 25. 62101 (2013): 1-11. Print. *

Journal Editor: Harkin, Anthony, ed. International Journal of Applied Nonlinear Science. Genève Switzerland: Inderscience Publishers, 2013. Print.

Baasansuren Jadamba, Assistant Professor

Journal Paper: Gibali, Aviv, et al. "Gradient and Extragradient Methods for an Elliptic Inverse Problem of Parameter Identification: A Numerical Study." Indian J. Indust. Appl. Math 4. 1 (2013): 33-51. Print. *

Journal Paper: Jadamba, Baasansuren and Fabio Raciti. "On the Modelling of some Environmental Games with Uncertain Data." J. of Optim. Theory and Appl. (2013): 1-12. Web. *

Journal Paper: Cahill, Nathan, et al. "A First-Order Adjoint and A Second-Order Hybrid Method for an Energy Output Least Squares for Elastography Inverse Problem." Boundary Value Problems. (2013): 263-277. Web. *

Kara Maki, Assistant Professor

Journal Paper: Huang, J., et al. "Phantom Study of Tear Film Dynamics with Optical Coherence Tomography and Maximum-likelihood Estimation." Optics Letters 38. (2013): 1721-1723. Print. £

Journal Paper: Huang, J., et al. "Maximum-likelihood Estimation in Optical Coherence Tomography in the Context of the Tear." *Biomedical Optics Express* 4. (2013): 1806-1816. Print. £

Invited Presentations/Keynotes: Maki, Kara L. "Mechanics of the Contact Lens." Indo-American Frontiers of Science Symposium. Indo-US Science & Technology Forum and National Academy of Sciences. Agra, India. 7 Apr. 2013. Conference Presentation.

Invited Presentations/Keynotes: Maki, Kara L. "Fast Evaporation of Spreading Droplets of Colloidal Suspensions." 1st Int. Workshop on Wetting and Evaporation: Droplets of Pure and Complex Fluids. Aix Marseille Universite. Marseilles, France. 18 Jun. 2013. Lecture.

Laura M Munoz

Published Conference Proceedings: Munoz, Laura M. and Niels F. Otani. "Kalman Filter Based Estimation of Ionic Concentrations and Gating Variables in a Cardiac Myocyte Model." *Proceedings of the Computing in Cardiology Conference, Zaragoza, Spain, September 22-25, 2013*. Ed. Alan Murray. Zaragoza, ES: Computing in Cardiology, Print.

Invited Presentations/Keynotes: Munoz, Laura M. "Cardiac Arrhythmia Prediction Using a 1D Dynamical Model." Society for Industrial and Applied Mathematics (SIAM) Conference on Applications of Dynamical Systems. SIAM. Snowbird, UT. 21 May 2013. Conference Presentation.

Invited Presentations/Keynotes: Munoz, Laura M. "Kalman Filter Based Estimation of Ionic Concentrations and Gating Variables in a Cardiac Myocyte Model." *Computing in Cardiology Conference. Computing in Cardiology. Zaragoza, ES. 23 Sep. 2013*. Conference Presentation.

Invited Presentations/Keynotes: Munoz, Laura M. "Predicting Cardiac Arrhythmias with a 1D Nonlinear Dynamical Model." 4th New York Conference on Applied Mathematics (NYCAM). Cornell University. Ithaca, NY. 9 Nov. 2013. Conference Presentation.

Darren A Narayan, Professor

Journal Paper: Ek, Bryan, Caitlin VerSchneider, and Darren A. Narayan. "Efficiency of Star-like Networks and the Atlanta Subway Network." *Physica A* 392. (2013): 5481-5489. Print. £

Journal Paper: Bileschi, Maxwell, et al. "A Characterization of Optimal k-rankings of Paths and Cycles." *Bulletin of the Institute of Combinatorics and Its Applications* 67. (2013): 17-26. Print. £

Journal Paper: Lind, Joy and Darren A. Narayan. "Spanning Trees and Hierarchical Networks." *Bulletin of the Institute of Combinatorics and Its Applications* 67. 1 (2013): 119-127. Print. £

Journal Paper: Lind, Joy and Darren A. Narayan. "Page Ranking by Internet Search Engines." *Bulletin of the Institute of Combinatorics and Its Applications* 67. 1 (2013): 94-98. Print. £

Journal Paper: Lind, Joy and Darren A. Narayan. "Optimal Matching of Approvers to Access Requests." *Bulletin of the Institute of Combinatorics and Its Applications* 67. 1 (2013): 99-103. Print. £

Journal Paper: Dorff, Michael and Darren A. Narayan. "Obtaining Funding and Support for Undergraduate Research." *PRIMUS* 23. (2013): 776-784. Print. Δ £

Journal Paper: Ek, Bryan, et al. "Real World Graph Efficiency." *Bulletin of the Institute of Combinatorics and Its Applications* 69. September (2013): 47-59. Print. £



Journal Paper: Lind, Joy and Darren A. Narayan. "Real World Graph Efficiency." *Bulletin of the Institute of Combinatorics and Its Applications* 69. September (2013): 14-24. Print. £

Journal Paper: Cahill, Nathan D., Joy Lind, and Darren A. Narayan. "Measuring Brain Connectivity." *Bulletin of the Institute of Combinatorics and Its Applications* 69. September (2013): 68-78. Print. Δ

Journal Paper: Kostyuk, Victor and Darren A. Narayan. "Maximum Minimal K-rankings of Cycles." *Ars Combinatoria* 111. (2013): 13-31. Print. £

David Ross, Professor

Journal Paper: Wahle, Chris, David S. Ross, and George Thurston. "Methods for Light Scattering Free Energy Determination for Restricted Composition Domains in Ternary Liquid Mixtures." *Journal of Chemical Physics* 139. (2013): 124114. Print. *

Journal Paper: Huang, Jinxin, et al. "Maximum-likelihood Estimation in Optical Coherence Tomography in the Context of the Tear Film Dynamics." *Biomedical Optics Express* 4. 10 (2013): 1806-1816. Print. *

Journal Paper: Brooks, B. P., N. DiFonzo, and D. S. Ross. "The GBN-Dialogue Model of Outgroup-Negative Rumor Transmission: Group Membership, Belief, and Novelty." *Nonlinear Dynamics, Psychology, and Life Sciences* 17. 2 (2013): 269-293. Print. «

Journal Paper: Huang, J., et al. "Quantitative Measurement of Tear Film Dynamics with Optical Coherence Tomography and a Maximum-Likelihood Estimator." *Optics Letters* 38. 10 (2013): 1721-1723. Print. «

Journal Paper: Cabal, A., et al. "A Semi-Mechanistic Model of the Time-Course of Release of PTH into Plasma Following Administration of the Calcilytic JTT-305/MK-5442 in Humans." *Journal of Bone and Mineral Research* 28. 8 (2013): 1830-1836. Print. *

Journal Paper: DiFonzo, N., et al. "Rumor Clustering, Consensus, and Polarization: Dynamic Social Impact and Self-Organization of Hearsay." *Journal of Experimental Social Psychology* 49. 3 (2013): 378-399. Print. *

Journal Paper: Golen, E., et al. "An Underwater Sensor Allocation Scheme for Non-Circular Sensing Coverage Regions." *ISRN Sensor Networks* 2013. (2013): 963029. Web. *

Paul Wenger, Assistant Professor

Journal Paper: Ferrara, Michael, Colton Magrant, and Paul S. Wenger. "Conditions for Families of Disjoint K-connected Subgraphs in a Graph." *Discrete Mathematics* 313. 6 (2013): 760-764. Print. «

Journal Paper: Ferrara, Michael, et al. "List Distinguishing Parameters of Trees." *Discrete Applied Mathematics* 161. 6 (2013): 864-869. Print. «

Journal Paper: LeSaulnier, Timothy D., et al. "Total Acquisition in Graphs." *SIAM Journal on Discrete Mathematics* 27. 4 (2013): 1800-1819. Print. «

John Whelan, Associate Professor

Journal Paper: Whelan, John T. "Data Analysis: How to Find A Black Hole." *LIGO Magazine*. 2 (2013): 14. Web. ^ ≠

Journal Paper: Aasi, J., et al. "Search for Long-lived Gravitational-wave Transients Coincident with Long Gamma-ray Bursts." *Physical Review D* 88. 12 (2013): 122004. Print. * ≠

Journal Paper: Aasi, J., et al. "Directed Search for Continuous Gravitational Waves from the Galactic Center." *Physical Review D* 88. 10 (2013): 102002. Print. * ≠

Journal Paper: Aasi, J., et al. "Parameter Estimation for Compact Binary Coalescence Signals with the First Generation Gravitational-wave Detector Network." *Physical Review D* 88. 6 (2013): 62001. Print. * ≠

Journal Paper: Aasi, J., et al. "Enhanced Sensitivity of the LIGO Gravitational Wave Detector by Using Squeezed States of Light." *Nature Photonics* 7. 8 (2013): 613-619. Print. * ≠

Journal Paper: Adrián-Martínez, S., et al. "A First Search for Coincident Gravitational Waves and High Energy Neutrinos Using LIGO, Virgo and ANTARES Data from 2007." *Journal of Cosmology and Astroparticle Physics*. 6 (2013): 8. Print. * ≠

Journal Paper: Aasi, J., et al. "Einstein@Home All-sky Search for Periodic Gravitational Waves in LIGO S5 Data." *Physical Review D* 87. 4 (2013): 42001. Print. * ≠

Journal Paper: Aasi, J., et al. "Search for Gravitational Waves from Binary Black Hole Inspiral, Merger and Ringdown in LIGO-Virgo Data from 2009-2010." *Physical Review D* 87. 2 (2013): 22002. Web. * ≠

Tamas Wiandt, Associate Professor

Invited Presentations/Keynotes: Wiandt, Tamas. "Basins of Attraction of Coexisting Stable ECM Solutions of the Lang-Kobayashi Equation." 4th New York Conference on Applied Mathematics. Cornell University. Ithaca, NY. 9 Nov. 2013. Conference Presentation.

School of Physics and Astronomy

John D Andersen

Journal Paper: Spencer, Susan D., et al. "The Effect of Controllable Thin Film Crystal Growth on the Aggregation of a Novel High Panchromaticity Squaraine Viable for Organic Solar Cells." *Solar Energy Materials and Solar Cells* 112. (2013): 202-208. Print. *

Mishkatul Bhattacharya, Assistant Professor

Journal Paper: Shi, H. and M. Bhattacharya. "Quantum Mechanical Study of a Generic Quadratically Coupled Optomechanical System." *Physical Review A* 87. (2013): 43829. Print. £

Journal Paper: Shi, H. and M. Bhattacharya. "Coupling a Small Torsional Oscillator to Large Optical Angular Momentum." *Journal of Modern Optics* 60. (2013): 382. Print. * £

Journal Paper: Shi, H. and M. Bhattacharya. "Mechanical Memory for Photons with Orbital Angular Momentum." *J. Phys. B: At. Mol. Opt. Phys.* 46. (2013): 151001. Print. * £

Journal Paper: Bhattacharya, M., Z. Howard, and M. Kleinert. "Ground State OH in Combined Electric and Magnetic Fields: Analytic Solution of the Effective Hamiltonian." *Physical Review A* 88. (2013): 12503. Print. * £

Journal Paper: Eggleston, M., et al. "Ray Transfer Matrix for a Spiral Phase Plate." *Journal of the Optical Society of America A* 30. 12 (2013): 2526-2530. Print. *

Journal Paper: Cawley, N., et al. "Analytical Study of Level Crossings in the Stark-Zeeman Spectrum of Ground-state OH." *European Physical Journal D* 67. (2013): 233. Print. *



Sukanya Chakrabarti

Journal Paper: Chakrabarti, Sukanya. "A New Probe of the Distribution of Dark Matter in Galaxies." *Astrophysical Journal* 771. 2 (2013): 98-107. Print. *

Journal Paper: Chakrabarti, Sukanya, et al. "Photometric Redshifts of Submillimeter Galaxies." *Astrophysical Journal* 773. 2 (2013): 113-123. Print. £

Invited Presentations/Keynotes: Chakrabarti, Sukanya. "Strongly Lensed Spirals in HI." Probes of Dark Matter on Galaxy Scales. American Astronomical Society. Monterey, CA. 14 Jul. 2013. Conference Presentation. Δ

Book Chapter: Chakrabarti, Sukanya and Ari Maller. "The Unsolved Problem of Galaxy Formation." *Green Book for NYSE 10-m Telescope*. 2013. Print. ≠

Invited Presentations/Keynotes: Chakrabarti, Sukanya. "Characterizing the Dark Matter Distribution in Spirals Using Extended HI Disks." UC Berkeley Theoretical Astrophysics Seminar. UC Berkeley. Berkeley, CA. 16 Dec. 2013. Lecture. Δ

Invited Presentations/Keynotes: Chakrabarti, Sukanya. "A New Probe of the Distribution of Dark Matter in Galaxies." Rutgers Astrophysics Seminar. Rutgers University. Newark, NJ. 3 Oct. 2013. Lecture. Δ

Invited Presentations/Keynotes: Chakrabarti, Sukanya. "A New Probe of Dark Matter in Spirals." Astronomy Colloquium. Royal Military College. Kingston, Canada. 6 Nov. 2013. Lecture. Δ

Invited Presentations/Keynotes: Chakrabarti, Sukanya. "Analyzing the Dark Matter Distribution in Spirals." Queen's University Astronomy Colloquium. Queen's University. Kingston, Canada. 7 Nov. 2013. Lecture. Δ

Invited Presentations/Keynotes: Chakrabarti, Sukanya. "The Role of Gas in Spiral Galaxies." Lin-Shu Spiral Structure Symposium. Zou Pei Yuan Center for Applied Mathematics. Beijing, China. 24 Jun. 2013. Lecture. Δ

Invited Presentations/Keynotes: Chakrabarti, Sukanya. "Deciphering the Dynamical Echoes of Dwarf Galaxies on the Milky Way Disk." American Astronomical Society, AAS Meeting #222. AAS. Indianapolis, IN. 2 Jun. 2013. Lecture. Δ

Journal Paper: Chakrabarti, Sukanya, et al. "The Void of NGC 247." *Astrophysical Journal*. (2013) Print. £

Invited Presentations/Keynotes: Chakrabarti, Sukanya. "Characterizing the Dark Matter Distribution in Spirals Using Extended HI Disks." Ohio State University CCAP Seminar. Ohio State Univ. Columbus, Ohio. 12 Mar. 2013. Lecture. Δ

Moumita Das, Assistant Professor

Invited Presentations/Keynotes: Das, Moumita. "The Cell Cytoskeleton as a Composite: Mechanics and Force Transmission." Physical Sciences Oncology Center, Johns Hopkins University. Baltimore, Maryland. 27 Feb. 2013. Guest Lecture. ≠

Invited Presentations/Keynotes: Das, Moumita. "The Cell Cytoskeleton as a Composite: Mechanics and Force Transmission." Materials Research Science and Engineering Center, Brandeis University. Waltham, Massachusetts. 7 Nov. 2013. Guest Lecture. ≠

Invited Presentations/Keynotes: Das, Moumita. "Mechanics of Composite Cytoskeletal and Extracellular Networks." Syracuse University, Department of Physics. Syracuse, NY. 5 Dec. 2013. Guest Lecture. ≠

Shows/Exhibits/Installations: Das, Moumita. Touchy Feely Life of Cells. 16 Nov. 2013. Rochester Museum and Science Center, Rochester, NY. Performance.

Invited Presentations/Keynotes: Das, Moumita. "Simulation and Modeling of Biopolymer Networks." Physics of Functional Biological Assemblies: Pushing, Pulling and Sensing. Aspen Center for Physics. Aspen, Colorado. 31 May 2013. Lecture.

Scott Franklin, Professor

Published Conference Proceedings: Franklin, Scott and Jonathan Lindine. "Faculty Discourse in the Classroom: Meaning in Mathematical Moves." Proceedings of the 2013 Physics Education Research Conference. Ed. Paula Engelhardt. Portland, Oregon: American Institute of Technology, Print. *

Dehui Hu

Journal Paper: Hu, Dehui and N. Sanjay Rebello. "Using Conceptual Blending to Describe how Students Use Mathematical Integrals in Physics." Physics Review Special Topics-Physics Education Research 9. 2 (2013): 1-15. Web. *

Published Conference Proceedings: Hu, Dehui, Joshua Von Korff, and N. Sanjay Rebello. "Assessing Transfer of Learning in Problem Solving from the Perspective of Preparation for Future Learning." Proceedings of the Physics Education Research Conference, July 17-18, Portland, OR. Ed. Paula V. Engelhardt, Alice D. Churukian, and Dyan L. Jones. Portland, OR: n.p., 2013. Print. *

Seth Hubbard, Associate Professor

Journal Paper: Hubbard, S. M., et al. "Effect of Vicinal Substrates on the Growth and Device Performance of Quantum Dot Solar Cells." Solar Energy Materials and Solar Cells 108. (2013): 256-262. Print. *

Journal Paper: Bennett, M. F., et al. "Epitaxial Lift-off of Quantum Dot Enhanced GaAs Single Junction Solar Cells." Applied Physics Letters 103. (2013): 213-902. Print. *

Journal Paper: Forbes, D. V., et al. "OMVPE of InAs Quantum Dots on an InGaP Surface." Materials Science in Semiconductor Processing 16. (2013): 1148-1153. Print. *

Journal Paper: Huang, Y., et al. "InAs Nanowires Grown by Metal-Organic Vapor-Phase Epitaxy (MOVPE) Employing PS/PMMA Diblock Copolymer Nanopatterning." Nano Letters 13. (2013): 5979-5984. Print. *

Journal Paper: Laghumavarapu, R. B., et al. "GaSb/InGaAs Quantum Dot-Well Hybrid Structure Active Regions in Solar Cells." Solar Energy Materials and Solar Cells 114. (2013): 165-171. Print. *

Published Conference Proceedings: Driscoll, K., et al. "Investigation of the Design Parameters of Quantum Dot Enhanced III-V Solar Cells." Proceedings of the Proc. SPIE 8620, Physics, Simulation, and Photonic Engineering of Photovoltaic Devices II. Ed. A. Freundlich and J. F. Guillemoles. San Francisco, CA: SPIE, 2013. Print.

Published Conference Proceedings: Kerestes, C., et al. "Investigation of Carrier Collection from QD TJSCs." Proceedings of the Physics, Simulation, and Photonic Engineering of Photovoltaic Devices II. vol. 8620. Ed. A. Freundlich and J. F. Guillemoles. San Francisco, CA: SPIE, 2013. Print.

Published Conference Proceedings: Slocum, M. A., et al. "Characterization of Radiation Tolerance in Doping Superlattice Solar Cells." Proceedings of the Physics, Simulation, and Photonic Engineering of Photovoltaic Devices II. vol. 8620. Ed. A. Freundlich and J. F. Guillemoles. San Francisco, CA: SPIE, 2013. Print.



M Kotlarchyk, Professor

Book Chapter: Kotlarchyk, Michael. "Scattering Theory." Elsevier Reference Module in Chemistry, Molecular Sciences and Chemical Engineering. Ed. J. Reedijk. Waltham, MA: Elsevier, 2013. 1-11. Web. £

Invited Presentations/Keynotes: Kotlarchyk, Michael. "An Active Learning Model for Introductory Physics." Physics Colloquium Series. University of North Florida. Jacksonville, FLA. 19 Apr. 2013. Guest Lecture.

Aaron McGowan, Lecturer

Journal Paper: Fields, L., et al. "Measurement of Muon Antineutrino Quasielastic Scattering on a Hydrocarbon Target at $E_{\nu} \sim 3.5$ GeV." Phys. Rev. Lett. 111. 2 (2013): 022501(1-7). Print. *

Journal Paper: Fiorentini, G. A., et al. "Measurement of Muon Neutrino Quasielastic Scattering on a Hydrocarbon Target at $E_{\nu} \sim 3.5$ GeV." Phys. Rev. Lett. 111. 2 (2013): 022502(1-6). Print. *

David Merritt, Professor

Full Length Book: Merritt, David. Dynamics and Evolution of Galactic Nuclei. 1 ed. Princeton, NJ: Princeton University Press, 2013. Print. ^

Journal Paper: Antonini, Fabio and David Merritt. "Relativity and the Evolution of the Galactic Center S-star Orbits." The Astrophysical Journal 763. 1 (2013): L10-L14. Print. ~

Journal Paper: Batcheldor, Dan, et al. "An STIS Atlas of Ca II Triplet Absorption Line Kinematics in Galactic Nuclei." The Astronomical Journal 146. 3 (2013): 67-78. Print. ~

Journal Paper: Vasiliev, Eugene and David Merritt. "The Loss-Cone Problem in Axisymmetric Nuclei." The Astrophysical Journal 774. 1 (2013): 87-103. Print. ~

Journal Paper: Vasiliev, Eugene, Fabio Antonini, and David Merritt. "The Final-parsec Problem in Non-spherical Galaxies Revisited." The Astrophysical Journal. (2013): in press. Print. £

Journal Paper: Merritt, David. "Loss Cone Dynamics." Classical and Quantum Gravity 30. (2013): 244005-244050. Print. £

Journal Editor: Merritt, David and Luciano Rezzolla, ed. Classical and Quantum Gravity; Focus Issue: "Astrophysical Black Holes". Bristol, UK: IOP Science, 2013. Print. £

Invited Presentations/Keynotes: Merritt, David. "Dynamics and Evolution of Galactic Nuclei. I." N Body Gravitational Dynamical Systems: From N=2 to Infinity. Institut Henri Poincare. Paris, France. 22 Oct. 2013. Guest Lecture.

Invited Presentations/Keynotes: Merritt, David. "Dynamics and Evolution of Galactic Nuclei. II." N Body Gravitational Dynamical Systems: From N=2 to Infinity. Institut Henri Poincare. Paris, France. 25 Oct. 2013. Guest Lecture.

Invited Presentations/Keynotes: Merritt, David. "Dynamics and Evolution of Galactic Nuclei. III." N Body Gravitational Dynamical Systems From N=2 to Infinity. Institut Henri Poincare. Paris, France. 29 Oct. 2013. Guest Lecture.

Invited Presentations/Keynotes: Merritt, David. "Dynamics and Evolution of Galactic Nuclei. IV." N Body gGravitational Dynamical Systems From N=2 to Infinity. Institut Henri Poincare. Paris, France. 29 Oct. 2013. Guest Lecture.

Invited Presentations/Keynotes: Merritt, David. "Relativistic Dynamics of Nuclear Star Clusters." Institut d'Astrophysique de Paris Seminaire. Institut d'Astrophysique de Paris. Paris, France. 27 Sep. 2013. Guest Lecture.

Invited Presentations/Keynotes: Merritt, David. "Relativistic Dynamics of Nuclear Star Clusters." Hauptkolloquium, Argelander-Institut für Astronomie der Universität Bonn. University of Bonn / Max-Planck-Institut für Radioastronomie. Bonn, Germany. 18 Oct. 2013. Guest Lecture.

Invited Presentations/Keynotes: Merritt, David. "Relativistic Collisional Dynamics near Supermassive Black Holes." Black Hole (g)Astronomy. University del Salento. Brindisi, Italy. 5 Sep. 2013. Conference Presentation.

Invited Presentations/Keynotes: Merritt, David. "Nuclear Dynamics." Dynamics and Kinetic Theory of Self-Gravitating Systems. Institut Henri Poincare. Paris, France. 8 Nov. 2013. Conference Presentation.

Invited Presentations/Keynotes: Merritt, David. "Relativistic Dynamics at the Centers of Galaxies." KITP Program: A Universe of Black Holes. KITP, University of California, Santa Barbara. Santa Barbara, CA. 13 Aug. 2013. Guest Lecture.

Invited Presentations/Keynotes: Merritt, David. "Dark Matter at the Centers of Galaxies." Probes of Dark Matter on Galaxy Scales. American Astronomical Society. Monterey, CA. 16 Jul. 2013. Conference Presentation.

Invited Presentations/Keynotes: Merritt, David. "Loss Cone Dynamics." Black Hole Fingerprints: Dynamics, Disruptions and Demographics. University of Utah. Salt Lake City, UT. 18 Mar. 2013. Conference Presentation.

Invited Presentations/Keynotes: Merritt, David. "Relativistic Dynamics of Nuclear Star Clusters." CITA Seminar Series. Canadian Institute for Theoretical Astrophysics. Toronto, Canada, ON. 5 Dec. 2013. Guest Lecture.

Judged National/International Competition Award Winner: Merritt, David. Department of Astronomy, Yale University. Garfinkel Lecturer / Garfinkel Lectureship. New Haven, CT, 2013.

Christopher ODea, Professor

Journal Paper: Floyd, D., et al. "Star Formation in Luminous Quasar Host Galaxies at $Z=1-2$." Monthly Notices of the Royal Astronomical Society 429. (2013): 2-19. Print. *

Journal Paper: O'Dea, C., et al. "Hubble Space Telescope Observations of Dusty Filaments in Hercules A: Evidence for Entrainment." Astrophysical Journal 771. (2013): 38-49. Print. £

Journal Paper: Cara, M., et al. "Polarimetry and the High-energy Emission Mechanisms in Quasar Jets: The Case of PKS 1136?135." Astrophysical Journal 773. (2013): 186-199. Print. £

Journal Paper: Reynolds, C., B. Punshly, and C. O'Dea. "Misalignment of the Jet and the Normal to the Dusty Torus in the Broad Absorption Line QSO FIRST J155633.8+351758." Misalignment of the Jet and the Normal to the Dusty Torus in the Broad Absorption Line QSO FIRST J155633.8+351758 773. (2013): 10-15. Print. £

Journal Paper: Reynolds, C., et al. "A Blazar-Like Radio Flare in Mrk 231." Astrophysical Journal Letters 776. (2013): 21-27. Print. £



Michael Pierce, Assistant Professor

Journal Paper: Pierce, Michael S., et al. "Influence of Structural Disorder on Magnetic Domain Formation in Perpendicular Anisotropy Thin Films." *Physical Review B* 87. (2013): 184428. Print. *

Invited Presentations/Keynotes: Pierce, Michael S. "Challenges and Frontiers for XPCS of Hard Condensed Matter Systems." NSLS-II First-Experiments. Brookhaven National Laboratory. Brookhaven, New York. 3 Aug. 2013. Lecture.

Michael Richmond, Professor

Journal Paper: Campbell, Heather, et al. "Cosmology with Photometrically Classified Type Ia Supernovae from the SDSS-II Supernova Survey." *Astrophysical Journal* 763. (2013): 88-116. Print. *

Journal Paper: Tanaka, Masaomi, et al. "Supernova 2013al." Central Bureau for Astronomical Telegrams 3438. (2013): 1. Web.

Journal Paper: Richmond, Michael. "SUPERNOVA 2013ej IN M74 = PSN J01364816+1545310." Central Bureau for Astronomical Telegrams 3606. (2013): 1. Web.

Andrew Robinson, Professor

Journal Paper: Couto, Guilherme S., et al. "Kinematics and Excitation of the Nuclear Spiral in the Active Galaxy Arp 102B." *Monthly Notices of the Royal Astronomical Society* 435. 4 (2013): 2982-3000. Print. *

Journal Paper: Capetti, Alessandro, et al. "Exploring the Spectroscopic Properties of Relic Radiogalaxies." *Astronomy & Astrophysics* 551. (2013): id.A55, 8 pp. Print. *

Journal Paper: Gnerucci, Alessandro, et al. "Spectroastrometry of Rotating Gas Disks for the Detection of Supermassive Black Holes in Galactic Nuclei. III. CRIRES Observations of the Circinus Galaxy." *Astronomy & Astrophysics* 549. (2013): A139, 12 pp. Print. *

Invited Presentations/Keynotes: Robinson, Andrew. "Smoke and Mirrors: Exploring the Structure of Active Galactic Nuclei in Polarized Light." *Massive Black Holes in Galaxies*. University of Sussex. Brighton, UK. 18 Apr. 2013. Conference Presentation.

George Thurston, Professor

Journal Paper: Wahle, Chris W., David S. Ross, and George M. Thurston. "Mathematical Methods for Restricted Domain Ternary Liquid Mixture Free Energy Determination Using Light Scattering." *Journal of Chemical Physics* 139. (2013): 124114. Print. £

Benjamin M Zwickl

Invited Presentations/Keynotes: Zwickl, Benjamin. "Physics Education Research for the Laboratory Classroom." *Making Laboratory-based Teaching More Effective*. University of Liverpool. Liverpool, UK, NY. 13 Nov. 2013. Conference Presentation.

Invited Presentations/Keynotes: Zwickl, Benjamin. "Physics Education Research for the Laboratory Classroom." Invited Colloquium given to the Univ. of Rochester Institute of Optics. Institute of Optics, Univ. of Rochester. Rochester, NY. 23 Aug. 2013. Lecture.

Saunders College of
Business

Accounting

Ratna Dey, Assistant Professor

Journal Paper: Dey, R. Mithu. "Client Demand for Provacv and Audit Fees." BRC Academy Journal of Business 3. (2013) Print. £

Journal Paper: Quamina, Lesia and R. Mithu Dey. "Changes in Equitable Relief: Unintended Consequences." Tennessee CPA Journal 58. (2013): 20-23. Print.

Rong Yang, Associate Professor

Journal Paper: Yao, Y., et al. "Government Intervention and Institutional Trading Strategy: Evidence from a Transition Country." Global Finance Journal 24. 1 (2013): 44-68. Print. «

Journal Paper: Gopal, Krishnan, et al. "Client Risk Management: A Study of Earnings Management, Audit Fees, and Auditor Resignations." Auditing: A Journal of Practice and Theory 32. 2 (2013): 147-169. Print. «

Decision Sciences

A Erhan Mergen, Professor

Published Conference Proceedings: Mergen, A. Erhan and Murat P. Uysal. "A Quality-Oriented Approach to Software Reengineering." Proceedings of the 2013 Northeast Decision Sciences Institute Meeting, Brooklyn, NY, April 5-7, 2013. Ed. Albert E. Avery. Brooklyn, NY: n.p., 2013. Print. «

William J Stevenson

Full Length Book: Stevenson, William J. Operations Management. 12th ed. New York, NY: McGraw-Hill, 2013. Print. *

Economics

Steven C Gold, Professor

Journal Paper: Boehner, Robert and Steven Gold. "Herding Behavior in the DJIA 2005-2009: An Application of the Bass Model." Journal of Applied Financial Research. (2013) Print. £

Journal Paper: Gold, Steven. "Economics Online Simulation Game: Beat The Market for Perfect Competition, Monopoly, Monopolisitic Competition & Oligopoly." Multimedia Educational Resources for Learning and Online Teaching. (2013) Print. £

Journal Paper: Wolfe, Joseph, William D. Biggs, and Steven Gold. "A Replication and Expansion of Teach and Patel's Discovery of Early-determined Endgame Finishes." Simulation & Gaming 44. (2013): 493-513. Print. £

Finance

Kirby Cundiff

Invited Presentations/Keynotes: Cundiff, Kirby R. "An Analysis of Climate Change in the United States Using Record High and Record Low Data." Eurasian Multidisciplinary Forum. Grigol Robakidze University. Tbilisi, Georgia. 24 Oct. 2013. Keynote Speech. «

Journal Paper: Cundiff, Kirby R. "Why Do Banks Keep Going Bankrupt." Ideas on Liberty. (2013): 1. Web. ~

Journal Paper: Cundiff, Kirby R. "An Analysis of Climate Change in the United States Using Record High and Record Low Data." European Scientific Journal. December (2013): 1-13. Print. «

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* Blind Peer Reviewed
« Double Blind Peer Reviewed

Δ Invited Paper
£ Refereed

~ Non-Blind Peer Reviewed
^ Trade Publication

† RIT Student
≠ External Funding

Chun-keung Hoi, Associate Professor

Journal Paper: Hoi, Chun Keung, Qiang Wu, and Hao Zhang. "Is Corporate Social Responsibility (CSR) Associated with Tax Avoidance? Evidence from Irresponsible CSR Activities." *The Accounting Review* 88. 6 (2013): 2025-2059. Print. £

Journal Paper: Hoi, Chun-Keung (Stan), Qiang Wu, and Hao Zhang. "Is Corporate Social Responsibility (CSR) Associated with Tax Avoidance? Evidence from Irresponsible CSR Activities." *The Accounting Review*. (2013) Print. £

Archana Jain, Assistant Professor

Journal Paper: Jain, Archana, et al. "Worldwide Reach of Short Selling Regulations." *Journal of Financial Economics* 109. (2013): 177-197. Print. £

Ashok J Robin, Professor

Journal Paper: Adut, Davit, Anthony Holder, and Ashok Robin. "Predictive versus Opportunistic Earnings Management, Executive Compensation, and Firm Performance." *Journal of Accounting and Public Policy* 32. 3 (2013): 126-146. Print. £

Journal Paper: Holder, Anthony, Khondkar Karim, and Ashok Robin. "Was Dodd-Frank Justified in Exempting Small Firms from Section 404b Compliance?" *Accounting Horizons* 27. 1 (2013): 1-22. Print. £

Journal Paper: Karim, Khondkar, Robert Pinsker, and Ashok Robin. "Firm Size and the Voluntary Disclosure of Nonfinancial Information by Private Versus Public Firm Managers." *Managerial Auditing Journal* 28. 9 (2013): 866-892. Print. £

Hao Zhang, Assistant Professor

Journal Paper: Chung, Kee and Hao Zhang. "A Simple Approximation of Intraday Spreads Using Daily Data." *Journal of Financial Markets*. (2013) Print. £

Journal Paper: Hoi, Chun-Keung (Stan), Qiang Wu, and Hao Zhang. "Is Corporate Social Responsibility (CSR) Associated with Tax Avoidance? Evidence from Irresponsible CSR Activities." *The Accounting Review* 88. 6 (2013): 2025-2059. Print. £

Journal Paper: Shen, Carl Hsin-han and Hao Zhang. "CEO Risk Incentives and Firm Performance Following R&D Increases." *Journal of Banking and Finance* 37. 4 (2013): 1176-1194. Print. £

International Business

Rizwan Tahir

Journal Paper: Rizwan, Tahir, and Naheed Azhar. "The Adjustment Process of Female Repatriate Managers in Australia and New Zealand (ANZ) Companies." *Global Business Review* 14. 1 (2013): 155-167. Print. £

Rich Notargiacomo, SCB





ZHI TANG IS AN ASSOCIATE PROFESSOR IN MANAGEMENT AT SAUNDERS COLLEGE OF BUSINESS IN ROCHESTER INSTITUTE OF TECHNOLOGY. DR. TANG'S MAJOR RESEARCH INTERESTS LIE IN INTERNATIONAL ENTREPRENEURSHIP, CORPORATE SOCIAL RESPONSIBILITY (CSR), AND COMPLEXITY THEORY.

Dr. Tang holds a Ph.D. degree in Management and a Ph.D. minor in Management Information System from the University of Alabama, as well as a master degree in Finance from the Fudan University and a bachelor degree in Economics from the Shandong University.

Dr. Tang mainly conducts research in the field of entrepreneurial strategies in emerging and transitioning economies such as China. Throughout years of research, Dr. Tang has clearly revealed the evolving path of the competition strategies of Chinese entrepreneurial firms, which are from the cost effective strategy to branding, and now heading to the differentiation strategy. Chinese entrepreneurial firms are relying on innovations and even social engagements more and more to attain not just local, but global market share. Dr. Tang has also devoted a significant amount of effort to the study of the organizational CSR patterns in the West as well as in the East. Along with his colleagues, Dr. Tang has found that the key to achieve the "triple bottom line", i.e., a firm has satisfying financial, social, and environmental performance, is to engage these activities in a strategic manner. A firm will benefit more when it adopts a CSR engagement strategy that is consistent, involves related dimensions of CSR, and begins with aspects of CSR that are more internal to the firm. Dr. Tang has publications in top management and entrepreneurship journals such as Journal of Management, Journal of Management Studies, Journal of Business Venturing, and Entrepreneurship Theory & Practice. Owing to his outstanding academic achievements, Dr. Tang was recognized as the Zutes Faculty Fellow. Dr. Tang has taught in both University of Alabama and Rochester Institute of Technology with the focus on International Business and Entrepreneurship.

ZHI TANG

ASSOCIATE PROFESSOR

MANAGEMENT

SAUNDERS COLLEGE OF BUSINESS

Zhi Tang, Associate Professor

Journal Paper: Tang, Dr. Zhi, Jintong Tang, and Jerome A. Katz. "Proactiveness, Stakeholder Firm Power Difference, and Product Safety and Quality of Chinese SMEs." *Entrepreneurship Theory and Practice*. (2013) Web. « £

Journal Paper: Tang, Dr. Zhi and Delmonize Smith. "The Growth Performance of Top African American Firms." *Management Decision* 51. 1 (2013): 163-172. Print. « £

Management

Darline Augustine

Journal Paper: Anyanwu, John C. and Darline Augustine. "Gender Equality in Employment in Africa: Empirical Analysis and Policy Implications." *African Development Review* 25. 4 (2013): 400-420. Print. «

Published Conference Proceedings: Wheat, Christopher and Darline Augustine. "Mirofinance as FDI: Distance and Investment in Microlending." *Proceedings of the Academy of Management*. Ed. Leslie Toombs. Birmingham, AL: Academy of Management Proceedings (Supplement), 2013. Web. «

Clyde Hull, Associate Professor

Journal Paper: Liao, Annie, Clyde Eiríkur Hull, and Raj Sriramachandramurthy. "The Six Facets Model of Digital Business: A Study in the Digital Business Industry." *International Journal of Innovation and Technology Management* 10. 4 (2013): DOI: 10.1142/S0219877013500193. Web. «

Michael Palanski, Assistant Professor

Journal Paper: Palanski, Dr. Michael, James B. Avey, and Napatsorn Jiraporn. "The Effects of Ethical Leadership and Abusive Supervision on Job Search Behaviors in the Turnover Process." *Journal of Business Ethics*. (2013): DOI 10.1007/s10551-013-1690-6. Web. « £

Journal Paper: Palanski, Dr. Michael, Tony Simons, and Linda Trevino. "Toward a Broader - But Still Rigorous - Definition of Leader Integrity: Commentary." *Leadership Quarterly* 24. (2013): 391 - 934. Web. « £

Journal Paper: Palanski, Dr. Michael and Rebecca A. Bull Schaefer. "Emotional Contagion at Work: An In-Class Experiential Activity." *Journal of Management Education*. (2013): 1 - 27. Web. « £

Delmonize A Smith, Assistant Professor

Journal Paper: Smith, Dr. Delmonize, Ian Y. Blount, and James A. Hill. "Minority Business Networks as Sources of Social Capital for Minority Firms." *Journal of Developmental Entrepreneurship* 18. 3 (2013) Print. « £

Journal Paper: Smith, Dr. Delmonize and Zhi Tang. "The Growth Performance of Top African American Firms." *Management Decision* 51. 1 (2013): 163-172. Print. « £

Management Information Systems

Anthony J Baroody Jr, Lecturer

Published Conference Proceedings: Baroody, A. James and Sean W. Hansen. "Logics of Health: System Dynamics and Institutional Logics of Health IT." *Proceedings of the INFORMS Annual Meeting*. Minneapolis, MN: n.p., 2013. Print. £

Christine D Custis

Journal Paper: Custis, Christine. "The Role of Business Intelligence within the Hospitality Industry's Information Systems Strategy: Historical Concepts and Future Trends." *Journal of Management Policy and Practice*. (2013) Print. £



Sean W Hansen, Assistant Professor

Journal Paper: Hansen, Sean W., Manlu Liu, and Qiang Tu. "Institutions Coming Together? The Community Source Approach to Software Development." *Communications of the ACM*. (2013) Print. £

Journal Paper: Hansen, Sean W. and Eugene Pierce. "Technology, Trust, and Effectiveness in Virtual Teams." *International Journal of Management & Business*. (2013) Print. £

Published Conference Proceedings: Hansen, Sean W., et al. "Computing' Requirements in Open Source Software Projects." *Proceedings of the International Conference on Information Systems*. Milan, Italy: n.p., 2013. Print. £

Published Conference Proceedings: Hansen, Sean W., Amol Kharabe, and Kalle J. Lyytinen. "The Structures of Computation: A Distributed Cognitive Analysis of Requirements Evolution in Diverse Software Development Environments." *Proceedings of the International Research Workshop on Information Technology Project Management*. n.p., 2013. Print. £

Merouane Lakehal-Ayat

Journal Paper: Liu, Manlu, Daniel Zeng, and J. Leon Zhao. "Cooperative Investment Decisions in Community Source Development." *International Journal of Information Technology & Decision Making*. (2013) Print. £

Journal Paper: Liu, Manlu, Sean W. Hansen, and Qiang Tu. "Institutions Coming Together - The Community Source Approach to Software Development and the Case of Kualu." *Communications of the ACM*. (2013) Print. £

Journal Paper: Liu, Manlu, Clyde Hull, and Caisy Hung. "Antecedents of Community Source Network Formation: The Case of Kualu." *46th Hawaii International Conference on Systems Sciences*. (2013) Print. Δ

Journal Paper: Liu, Manlu, et al. "The Relationship between Environmental Performance and Firm Performance among SMEs in China." *Journal of Business Special Issue Conference "Competing in China"*. (2013) Print. £

Journal Paper: Liu, Manlu, Daniel Zeng, and J. Leon Zhao. "Cooperative Investment Decisions in Community Source Development." *International Journal of Information Technology & Decision Making* 12. 6 (2013): 1-23. Print. £

Published Conference Proceedings: Liu, Manlu, Sean W. Hansen, and Qiang Tu. "Institutions Coming Together - The Community Source Approach to Software Development and the Case of Kualu." *Proceedings of the Communications of the ACM*. San Diego, CA: n.p., 2013. Print. Δ

Journal Paper: Liu, Manlu, et al. "The Relationship between Environmental Performance and Firm Performance among SMEs in China." *Journal of Business Research Special Issue Conference "Competing in China"*. (2013) Print. £

Manlu Liu, Assistant Professor

Journal Paper: Liu, Manlu, Clyde Hull, and Caisy Hung. "Institutions Coming Together - The Community Source Approach to Software Development and the Case of Kualu." *Communications of the ACM (A)*. (2013) Print. £

Journal Paper: Liu, Manlu, Daniel Zeng, and J. Leon Zhao. "Cooperative Investment Decisions in Community Source Development." *International Journal of Information Technology & Decision Making* 12. 6 (2013): 1-23. Print. £

Journal Paper: Liu, Manlu, Sean W. Hansen, and Qiang Tu. "Strategic and Tactical Electronic Business Solutions in Pharmacies and Drug Stores." *International Journal of Services and Standards (B-)*. (2013) Print. £

Published Conference Proceedings: Liu, Manlu, Clyde Hull, and Caisy Hung. "Antecedents of Community Source Network Formation: The Case of Kualii." Proceedings of the 46th Hawaii International Conferences on Systems Sciences. San Diego, CA: n.p., 2013. Print. Δ

Published Conference Proceedings: Liu, Manlu, et al. "The Relationship Between Environmental Performance and Firm Performance among SMEs in China." Proceedings of the Journal of Business Research Special Issue Conference "Competing in China". n.p., 2013. Print. Δ

Victor J Perotti, Associate Professor

Journal Paper: Perotti, Victor and Andrea Hickerson. "Rise Above the Crowd": A Quasi-experiment in Journalistic Event Coverage Using Mobile Phones and Billboards." Journal of Digital and Media Literacy. (2013) Web. £

Qiang Tu, Professor

Journal Paper: Tu, Qiang, Delvin Grant, and Yujong Hwang. "An Empirical Investigation of Six Levels of Enterprise Resource Planning Integration." Computers in Human Behavior (B+) 29. (2013): 2123-2133. Print. £

Yang Yu

Journal Paper: Yu, Yang and Fan Liang. "Heart Motion Prediction in Robotic-Assisted Beating Heart Surgery: A Nonlinear Fast Adaptive Approach." International Journal of Advanced Robotic Systems. (2013) Print. £

Journal Paper: Yu, Yang, Wenjing Duan, and Qing Cao. "A Dynamic Model of the Impact of Social Media and Conventional Media on Firm Performance." Decision Support Systems. (2013) Print. £

Published Conference Proceedings: Yu, Yang. "Modeling Spatial Dependency of Transportation Network Entrance-Ramp Peak Flow through Copula Functions." Proceedings of the Transportation Research Board 92nd Annual Meeting. Transportation Research Board 92nd Annual Meeting, 2013. Print. £

Published Conference Proceedings: Yu, Yang. "Mining Online User-Generated Content: Using Sentiment Analysis Technique to Study Hotel Service Quality." Proceedings of the Hawaii International Conference on System Sciences HICSS-46. Hawaii International Conference on System Sciences HICSS-46, 2013. Print. £

Published Conference Proceedings: Yu, Yang. "Cloud Computing: Supply Chain Applications and Implementation Issues - An Agent Based Simulation Approach." Proceedings of the Decision Sciences Institute Conferences. Decision Sciences Institute conferences, 2013. Print. £

Marketing

Robert B Boehner

Journal Paper: Boehner, Robert and Stephen Gold. "Herding Behavior in the DJIA 2005-2009: An Application of the Bass Model." Journal of Applied Financial Research. (2013) Print. £

Journal Paper: Boehner, Robert and Stephen Gold. "The Influence of the Marketing Mix on the Diffusion of Innovation: Bass Model Redux." Academy of Business Journal. (2013) Print. £

Published Conference Proceedings: Boehner, Robert and Thomas Pray. "Reinventing a Business Simulation to Incorporate Risk Assessment in an Interconnected World." Proceedings of the International Market Research Academy. International Market Research Academy, 2013. Print. Δ



Published Conference Proceedings: Boehner, Robert and Stephen Gold. "Modeling the Impact of the Marketing Mix on the Diffusion of Innovation in the Generalized Bass Model of Firm Demand." Proceedings of the Developments in Business Simulations and Experiential Learning. n.p., 2013. Print. Δ

Adriana M Boveda

Published Conference Proceedings: Boveda-Lambie, Adriana and Ruby Roy. "Strong or Weak? The Use of Social Networks in Collaborative Co-Creation." Proceedings of the American Marketing Association. Conference Proceedings. American Marketing Association, 2013. Print. £

Journal Paper: Boveda-Lambie, Adriana, Alexandra Aguirre-Rodriguez, and Detra Montoya. "Exploring Ethnic Consumer Response to Cross-over Brand Extensions." Journal of Business Research (A). (2013) Web. £

Published Conference Proceedings: Boveda-Lambie, Adriana and Syagnik Banerjee. "Consumer Attitude Toward the Social Ad: The Effect of Paid vs. Social Media on Shopping Intent." Proceedings of the Academy of Marketing Science - Annual Conference. Academy of Marketing Science - Annual Conference, 2013. Print. £

Rajendran S Murthy, Assistant Professor

Journal Paper: Sriramachandramurthy, Rajendran and Hemant C. Sashittal. "Building Your Brand Among Millennials: Harnessing the Power of Twitter." MIT Sloan Management Review 1. 33.0 (2013) Web. £

Journal Paper: Sriramachandramurthy, Rajendran, Annie Liwen, and Clyde Hull. "The Six Facets Model of Technology Management: A Study in the Digital Business Industry." International Journal of Innovation and Technology Management (B-) 10. 4 (2013): 24. Web. £

Journal Paper: Sriramachandramurthy, Rajendran, Hemant C. Sashittal, and Monica A. Hodis. "Case Version: Targeting College Students on Facebook? How to Stop Wasting Your Money." Harvard Business Review (A). (2013) Web. £

Journal Paper: Sriramachandramurthy, Rajendran, Hemant C. Sashittal, and Monica A. Hodis. "Targeting College Students on Facebook? How to Stop Wasting Your Money." Business Horizons (B+) 55. July (2013): 495-507. Web. £

Golisano Institute for
Sustainability

Master of Architecture

J Chiavaroli

Judged National/International Competition

Award Winner: Chiavaroli, Jules. American Institute of Architects (AIA). AIA Component Assistance Leadership Grant. Washington, DC, 2013. £

PhD in Sustainability

Callie Babbitt, Assistant Professor

Journal Paper: Anctil, A., et al. "Cumulative Energy Demand for Small Molecule and Polymer Photovoltaics." *Progress in Photovoltaics: Research and Applications* 21. 7 (2013): 1541-1554. Web. *

Journal Paper: Lin, J., C.W. Babbitt, and T. Trabold. "Life Cycle Assessment Integrated with Thermodynamic Analysis of Bio-fuel Options for Solid Oxide Fuel Cells." *Bioresource Technology* 128. (2013): 495-504. Web. *

Journal Paper: Lobos, A. and C.W. Babbitt. "Integrating Emotional Attachment and Sustainability in Electronic Product Design." *Challenges* 4. (2013): 19-33. Web. *

Invited Presentations/Keynotes: Babbitt, C.W. "End-of-life Lithium Ion Batteries from Electric Vehicles: A Future Perspective on Waste Flows." School of Natural Resources & Environment. University of Michigan. Ann Arbor, MI. 22 Nov. 2013. Lecture.



Invited Presentations/Keynotes: Babbitt, C.W. "Life Cycle Validation of Sustainability and Design Outcomes Possible from Eco-design Tool Application." LCA XIII. Conference of the American Center for Life Cycle Assessment. Orlando, FL. 2 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Babbitt, C.W. "Adapting Ecological Models for Analysis of Emerging Technologies." International Symposium of Sustainable Systems and Technology. ISSST. Cincinnati, OH. 16 May 2013. Conference Presentation.

External Scholarly Fellowships:

7/1/2013 -

6/30/2018

National Science Foundation CAREER
Amount: 400,355

≠

Nabil Nasr, Professor

Invited Paper: Nasr, Nabil Z. "Lessons About Water." *Industrial Engineer*. (2013). Print. ^

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Invited Paper: Nasr, Nabil Z. "The Circular Economy is Going Global." Industrial Engineer. (2013). Print. ^

Invited Paper: Nasr, Nabil Z. "The Energy Mix." Industrial Engineer. (2013). Print. ^

Invited Paper: Nasr, Nabil Z. "Sustainability Education Comes of Age." Industrial Engineer. (2013). Print. ^

Invited Presentations/Keynotes: Nasr, Nabil Z. "Assessment of Remanufacturing Environmental and Energy Benefits An In-Depth Analysis." 2nd World Remanufacturing Summit. National Key Laboratory for Remanufacturing. Shanghai, P.R. China. 3 Dec. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Nasr, Nabil Z. "Panelist - Expert Testimony on Sustainability and Remanufacturing." 13th Session of the International Resource Panel. United Nations Environment Programme. Naivasha, Kenya. 4 Nov. 2013. Conference Presentation.

Invited Presentations/Keynotes: Nasr, Nabil Z. "Research and Practice of Reuse and Remanufacturing in the U.S." LCE Workshop. Waseda University in connection with members of the LCE Technical Committee of Japanese Society of Precision Engineering. Tokyo, Japan. 13 Apr. 2013. Keynote Speech. Δ

Thomas Trabold, Associate Professor

Journal Paper: Lin, J., et al. "Bio-Fuel Reforming for Solid Oxide Fuel Cell Applications. Part 1: Fuel Vaporization and Reactant Mixing." International Journal of Hydrogen Energy 39. (2013): 12024-12034. Print. * £ † ≠

Journal Paper: Lin, J., et al. "Bio-fuel Reforming for Solid Oxide Fuel Cell Applications. Part 2: Biodiesel." International Journal of Hydrogen Energy. (2013): 1-12. Web. * £ † ≠

Journal Paper: Lin, J., et al. "Bio-Fuel Reforming for Solid Oxide Fuel Cell Applications. Part 3: Biodiesel-Diesel Blends." International Journal of Hydrogen Energy. (2013): 1-12. Web. * £ † ≠

Journal Paper: Lin, J., et al. "Auto-Thermal Reforming of Biodiesel-Ethanol-Diesel Blends for Solid Oxide Fuel Cell Applications." Energy & Fuels 27. (2013): 4371-4385. Print. * Δ £ † ≠

Journal Paper: Lin, J., G. Gaustad, and T.A. Trabold. "Profit and Policy Implications of Producing Biodiesel-Ethanol-Diesel Fuel Blends to Specification." Applied Energy 104. (2013): 936-944. Print. * £ † ≠



GIS, Butterfly Project

Invited Presentations/Keynotes: Nasr, Nabil Z. "Remanufacturing Environmental Benefits and Tradeoffs." 20th CIRP Conference on Life Cycle Engineering (LCE 2013). CIRP. Singapore, Republic of Singapore. 18 Apr. 2013. Keynote Speech. Δ



CALLIE BABBITT IS AN ASSISTANT PROFESSOR IN THE GOLISANO INSTITUTE FOR SUSTAINABILITY. HER MULTIDISCIPLINARY RESEARCH EFFORTS AIM AT MODELING THE ENVIRONMENTAL RISKS OF EMERGING AND RAPIDLY EVOLVING TECHNOLOGIES AND THEN DEVELOPING SUSTAINABILITY STRATEGIES FOR PROACTIVELY MITIGATING THESE RISKS.

The key technologies Dr. Babbitt investigates are consumer electronics, lithium-ion batteries, and nanomaterials, all of which have unique sustainability challenges: rapid development, adoption, and evolution; high potential for environmental impact across their life cycle stages (including raw material extraction, manufacturing, use, and end-of-life management); and a lack of comprehensive data that can be used to accurately quantify potential environmental impact. To address these challenges, Dr. Babbitt's research takes a dual approach: 1) collecting empirical data that characterizes the relevant properties and environmental attributes of these product systems; and 2) applying sustainability methods such as life cycle assessment to identify greener manufacturing routes, reduce product energy use, and improve reuse and recycling options.

This research approach has resulted in notable publications, grant awards, and student recognition. In 2013-14, Dr. Babbitt's group published a creative new model in which the evolution of ecological systems was used for the first time as a model to explain long-term trends in the adoption of consumer electronics in U.S. households. Her group's research on lithium-ion batteries also resulted in the first publication to quantify the potential amount of batteries entering the waste stream due to deployment of electric vehicles in the U.S. This research highlighted the importance of developing sustainable technologies for lithium-ion battery reuse, recycling, and disposal.

In 2013, Dr. Babbitt was awarded the prestigious Faculty Early Career Development (CAREER) Program Award from the National Science Foundation to study the sustainable management of lithium-ion batteries in the waste stream and to develop education and outreach on sustainable energy technologies. Since arriving at RIT, she has received over \$800,000 in sponsored research as principal investigator, which has been used to support Ph.D., M.S., and undergraduate students and a postdoctoral research associate. Dr. Babbitt is active in the professional community, serving on the scientific committee for the International Symposium for Sustainable Systems and Technology and a board member for the Erasmus Mundus International Master's Programme in Industrial Ecology. In 2010, Dr. Babbitt received the AT&T Technology and Environment Award for her research and teaching efforts in sustainability.

CALLIE BABBITT
ASSISTANT PROFESSOR
GOLISANO INSTITUTE FOR SUSTAINABILITY

Journal Paper: Lin, J., C.W. Babbitt, and T.A. Trabold. "Life Cycle Assessment Integrated with Thermodynamic Analysis of Bio-Fuel Options for Solid Oxide Fuel Cells." *Bioresource Technology* 128. (2013): 495-504. Print. * £ † ≠

Published Conference Proceedings: Chan, W.H., et al. "Food Waste Resources for Sustainable Energy Production in the Finger Lakes Region of New York State." *Proceedings of the ASME 7th International Conference on Energy Sustainability*, Minneapolis, MN, July 14-19, 2013. Ed. M.W. Ellis. New York, NY: ASME, Web. * £ † ≠

Published Conference Proceedings: Rankin, M.J., T.A. Trabold, and R. Blythe. "Environmental Impact Assessment of an Anaerobic Codi-gestion System in Western New York State." *Proceedings of the ASME 7th International Conference on Energy Sustainability*, Minneapolis, MN, July 14-19, 2013. Ed. M.W. Ellis. New York, NY: ASME, Web. * £ † ≠

Published Conference Proceedings: Waller, M.G. and T.A. Trabold. "Review of Microbial Fuel Cells for Wastewater Treatment: Large-Scale Applications, Future Needs and Current Research Gaps." *Proceedings of the ASME 11th International Fuel Cell Science, Engineering and Technology Conference*, Minneapolis, MN, July 14-19, 2013. Ed. M.W. Ellis. New York, NY: ASME, Web. * £ † ≠

Published Conference Proceedings: Liu, X., et al. "Neutron Imaging of Water Accumulation in the Active Area and Channel-to-Manifold Transitions of a PEMFC." *Proceedings of the ASME 11th International Fuel Cell Science, Engineering and Technology Conference*, Minneapolis, MN, July 14-19, 2013. Ed. M.W. Ellis. New York, NY: ASME, Web. * £ † ≠

Invited Presentations/Keynotes: Trabold, T.A. "Hydrogen Fuel Cells for Sustainable Energy Production: Stationary, Transportation and Auxiliary Power Applications." *Energy for the 21st Century Symposium*. University of Rochester. Rochester, NY. 15 Mar. 2013. Guest Lecture.

Patents: Owejan, J.P., et al. "Fuel Cell Bipolar Plate Exit for Improved Flow Distribution and Freeze Capability." Patent 8,501,364. 6 Aug. 2013.

Patents: Dadheech, G.V., et al. "Amorphous Carbon Coatings for Fuel Cell Bipolar Plates." Patent 8,497,050. 30 Jul. 2013.

Patents: Elhamid, M.H. Abd, et al. "Metallic Bipolar Plates with High Electrochemical Stability and Improved Water Management." Patent 8,470,488. 25 Jun. 2013.

Patents: Owejan, J.P., et al. "Fuel Cell Bipolar Plate Exit for Improved Flow Distribution and Freeze Capability." Patent 8,394,547. 12 Mar. 2013.

Patents: Vyas, G., et al. "Super-Hydrophilic Nanoporous Electrically Conductive Coatings for PEM Fuel Cells." Patent 8,389,174. 5 Mar. 2013.

Patents: Owejan, J.P., T.A. Trabold, and T.W. Tighe. "Low-Cost Hydrophilic Treatment Method for Assembled PEMFC Stacks." Patent 8,389,047. 5 Mar. 2013.

Patents: Vyas, G., et al. "Fuel Cell Contact Element Including a TiO₂ Layer and a Conductive Layer." Patent 8,377,607. 19 Feb. 2013.

Patents: Dadheech, G.V., et al. "Amorphous Carbon Coatings for Fuel Cell Bipolar Plates." US Provisional Patent Application US20130302531. 14 Nov. 2013.



Patents: Owejan, J.P., et al. "Fuel Cell Bipolar Plate Exit for Improved Flow Distribution and Freeze Capability." US Provisional Patent Application US20130122389. 16 May 2013.

Patents: Dadheech, G.V., et al. "Fuel Cell Flow Field Plate Including Non-Stoichiometric Metal Oxide Layer." US Provisional Patent Application US20130095251. 18 Apr. 2013.

Research Centers

Nenad Nenadic, Research Associate Professor

Full Length Book: Jones, Thomas B. and Nenad G. Nenadic. Electromechanics and MEMS. 1st ed. London/New York, New York: Cambridge University Press, 2013. Print. *

Published Conference Proceedings: Nenadic, Nenad G., et al. "Comparative Study of Vibration Condition Indicators for Detecting Cracks in Spur Gears." Proceedings of the American Helicopter Society 69th Annual Forum and Technology Display. Ed. Mark Davis. Alexandria, VA: n.p., Print. *

Kate Gleason College of
Engineering

Center for Quality and Applied Statistics

Peter Bajorski, Associate Professor

Journal Paper: Bajorski, P., P. Hall, and H. Rubinstein. "Methodology and Theory for Nonnegative-Score Principal Component Analysis." *Statistica Sinica* 23. 2 (2013): 963-988. Print. * £

Shows/Exhibits/Installations: Bajorski, P. Target Detection in Constrained Models in Hyperspectral Images. 5 Jun. 2013. Workshop on Compositional Data Analysis, Vorau, Austria. Exhibit.

Daniel R Lawrence

Journal Paper: Lawrence, Daniel R. "The Analysis of Survey Data: Extracting Pre-Determined Solutions from Multidimensional Data." *Journal of Unified Statistical Techniques* Vol. 1. No. 1 (Inaugural) (2013): 9-13. Web. Δ

Joseph G Voelkel

Published Conference Proceedings: Voelkel, Joseph G. "The Missing-Index Problem in Process Control." *Proceedings of the Quality and Productivity Research Conference 2013*. June 5-7, 2013, Niskayuna, NY. Ed. Martha Gardner, Program Chair. Niskayuna, NY: http://www.qprc2013.com/uploads/SPC_Apps_2-Voelkel-Missing-Index_Problem_in_Process_Control-QPRC2013.pdf, 2013. Web.

Chemical and Biomedical Engineering

Thomas R Gaborski, Assistant Professor

Journal Paper: Snyder, Jessica L, et al. "High Performance, Low Voltage Electroosmotic Pumps with Molecularly Thin Nanoporous Silicon Membranes." *Proceedings of the National Academy of Sciences* 110. 46 (2013): 18425-18430. Print. *

Journal Paper: Johnson, Dean G., et al. "Ultra-thin Silicon Membranes for Wearable Hemodialysis." *Advances in Chronic Kidney Disease* 20. 6 (2013): 508-513. Print. *

Journal Paper: Gaborski, Thomas R., et al. "Dynamics of Adhesion Molecule Domains on Neutrophil Membranes: Surfing the Dynamic Cell Topography." *European Biophysics Journal* 42. 11-12 (2013): 851-855. Print. *

Behnaz Ghoraani, Assistant Professor

Journal Paper: Ghoraani, Behnaz, et al. "Localized Rotational Activation in the Left Atrium during Human Atrial Fibrillation: Relationship to Complex Fractionated Atrial Electrograms and Low Voltage Zones." *Heart Rhythm* 10. 12 (2013): 1830-1838. Print. * £

Journal Paper: Ghoraani, Behnaz, et al. "Pathological Speech Signal Analysis and Classification using Empirical Mode Decomposition." *Medical & Biological Engineering & Computing* 51. 7 (2013): 811-821. Print. * £

Published Conference Proceedings: Ghoraani, Behnaz. "Localized Reentrant Activation in the Left Atrium during Human Atrial Fibrillation: Relationship to Complex Fractionated Atrial Electrograms and Low Voltage Zones." *Proceedings of the American Heart Association*. Ed. Dr. Mariell Jessup. Dallas, Texas: n.p., 2013. Web. * £

Published Conference Proceedings: Ghoraani, Behnaz. "Identifying Areas of Rapid Focal Activity in AF by Periodic Component Analysis. A Novel Target in AF Ablation?" *Proceedings of the Heart Rhythm Society*. Ed. Dr. Hugh Calkins. Denver, Colorado: n.p., 2013. Web. * £

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* Blind Peer Reviewed
« Double Blind Peer Reviewed

Δ Invited Paper
£ Refereed

˘ Non-Blind Peer Reviewed
^ Trade Publication

† RIT Student
≠ External Funding

Published Conference Proceedings: Ghoraani, Behnaz. "Focal Activation Sites in the Left Atrium of Patients with Atrial Fibrillation: Prevalence, Distribution and Relationship to Scar." Proceedings of the Heart Rhythm Society. Ed. Dr. Hugh Calkins. Denver, Colorado: n.p., 2013. Web. * £



Ernest Fokoue, COE

Published Conference Proceedings: Ghoraani, Behnaz. "Cancellation of Ventricular Activity in Unipolar Endocardial Recordings During Atrial Fibrillation." Proceedings of the Biosignals and Robotics for Better and Safer Living. Ed. Dr. Dinesh Kumar. Rio, Brazil: IEEE, 2013. Web. * £

Karuna Koppula, Lecturer

Journal Paper: Gencoglu, Aytug, et al. "Particle Manipulation In Insulator Based Dielectrophoretic Devices." Journal of Nanotechnology in Engineering and Medicine 4 (2). 21002 (2013): 1-7. Print. *

Journal Paper: Koppula, Karuna S., et al. "The URAPS Closure for the Normalized Reynolds Stress." Physica Scripta 88. T155 (2013): 14052. Print. *

Published Conference Proceedings: Gencoglu, Aytug, et al. "Particle Manipulation In Insulator Based Dielectrophoretic Devices." Proceedings of the ASME 2013 International Mechanical Engineering Congress & Exposition. Ed. ASME. San Diego, CA: n.p., Web. *

Brian Landi, Assistant Professor

Journal Paper: Forney, Michael, et al. "Prelithiation of Silicon-Carbon Nanotube Anodes for Lithium Ion Batteries by Stabilized Lithium Metal Powder (SLMP)." Nano Letters 13. 9 (2013): 4158-4163. Print. *

Journal Paper: Forney, Michael, et al. "High Capacity Si-carbon Nanotube Anodes for Lithium Ion Batteries." Journal of Intelligence Community Research and Development. (2013): February 8. Web. *

Journal Paper: Forney, Michael, et al. "High Performance Silicon Free-standing Anodes Fabricated by Low-pressure and Plasma-enhanced Chemical Vapor Deposition onto Carbon Nanotube Electrodes." Journal of Power Sources 228. (2013): 270-280. Print. *

Published Conference Proceedings: Rossi, Jamie, et al. "Radiation Response of Single Wall Carbon Nanotube Thin-Films as a Function of Electronic-Type and Diameter." Proceedings of the 2013 Annual Government Microcircuit Applications and Critical Technology Conference, Las Vegas, Nevada, March 2013. Ed. In Microelectronics for Net-Enabled and Cyber-Transformational Technologies. Las Vegas, NV: n.p., Web. £

Journal Paper: Rogers, Reginald, et al. "Impact of Microwave Synthesis Conditions on the Rechargeable Capacity of LiCoPO₄ for Lithium Ion Batteries." Journal of Applied Electrochemistry 43. (2013): 271-278. Print. *

BLANCA LAPIZCO-ENCINAS IS AN ASSOCIATE PROFESSOR IN THE BIOMEDICAL ENGINEERING DEPARTMENT IN THE KATE GLEASON COLLEGE OF ENGINEERING. HER RESEARCH INTERESTS LIE IN THE FIELDS OF BIO-SEPARATIONS, MICROFLUIDICS AND ELECTROKINETICS.

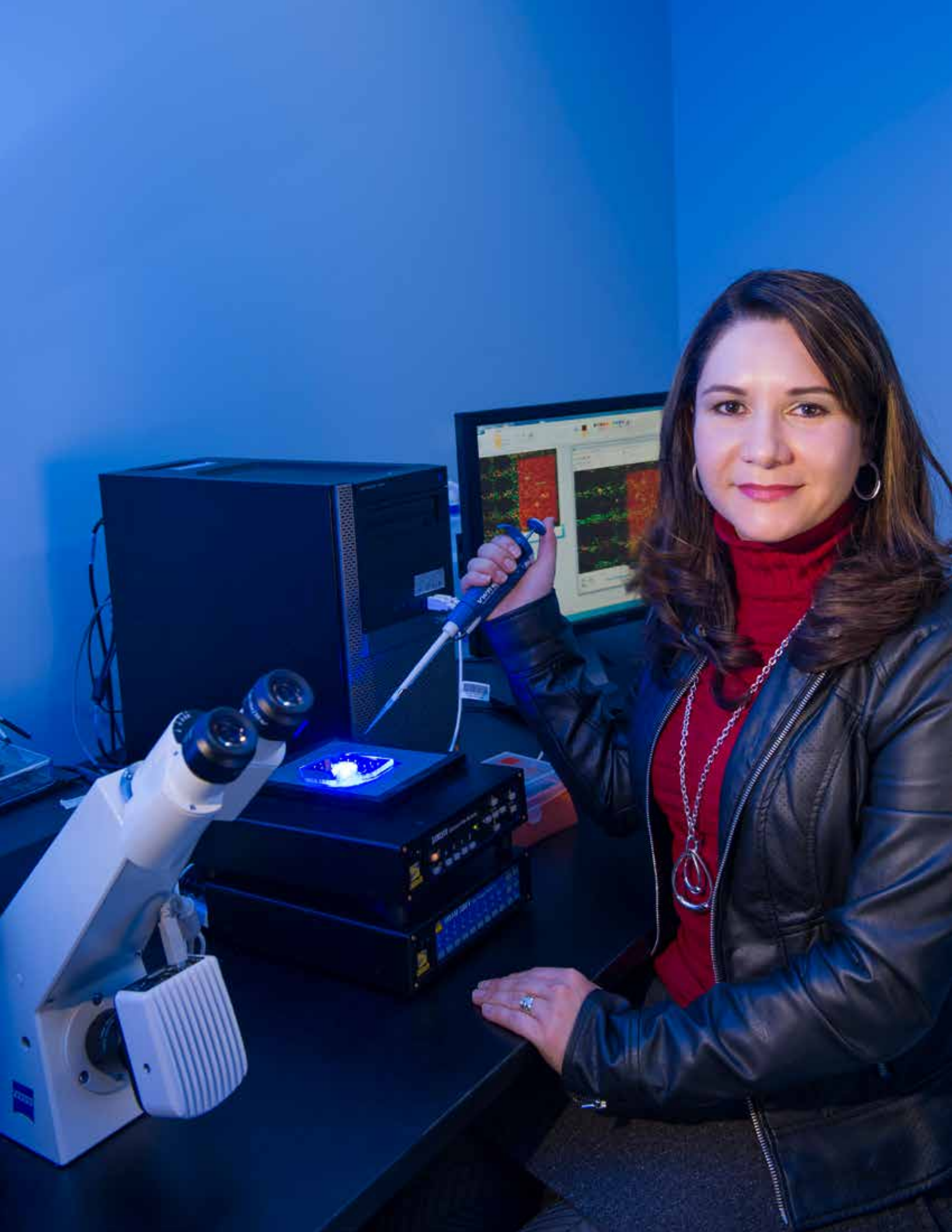
Microfluidics is a novel and rapidly growing field with applications ranging from biomedical and clinical analysis to environmental monitoring. Microfluidics has revolutionized the manner in which many analyses are carried out, opening the possibility for portable laboratories for on-field applications and online-process monitoring; i.e., taking the laboratory where it is needed, to the field or to the production line. Lapizco-Encinas' research seeks to develop new microfluidic techniques for the separation and detection of biological particles such as proteins, DNA and cells. Her research is focused on the field of electrokinetics, where electric fields are used to manipulate particles in microfluidic channels. The use of electric field allows probing the electrical properties of biological particles, allowing for the characterization of cells; such as the separation of dead from living cells.

Lapizco-Encinas' was awarded a National Science Foundation (NSF) grant to further her work on the manipulation of biological cells employing non-uniform electric fields. When particles are exposed to non-uniform electric fields, the particles polarize, but due to the non-uniformity of the field, the Coulombic forces in the particles are imbalanced, producing a net particle movement. This effect is called dielectrophoresis, a technique that allows for effective particle separation and enrichment with many potential applications in bio-analysis. The main advantages of miniaturized electrokinetic techniques, such as dielectrophoresis, is that analysis of biological particles can be performed in portable microdevices, at lower cost with processing times in the range of minutes; while traditional methods that may rely on cell culture, can take up to several days to produce a result.

Lapizco-Encinas and her collaborators are currently developing a novel electrokinetic schemes to achieve simultaneous separation and concentration of biological cells in microchannels by employing low frequency alternating current electric fields.

To learn more about Lapizco-Encinas' work, you can visit: <http://microbioseplab.org/>

BLANCA LAPIZCO-ENCINAS
ASSOCIATE PROFESSOR
BIOMEDICAL ENGINEERING
KATE GLEASON COLLEGE OF ENGINEERING



Blanca H Lapizco-Encinas, Associate Professor

Journal Paper: Fuente, M.S. Lopez-de la, et al. "An Electric Stimulation System for Electrokinetic Particle Manipulation in Micro-fluidic Devices." *Review of Scientific Instruments* 84. 3 (2013): 035103-035107. Print. *

Journal Paper: Rosales-Cruzaley, E., et al. "Spermatogenic Cells Manipulation Employing Dielectrophoresis, Bioprocess and Biosystems Engineering." *Bioprocess and Biosystems Engineering* 36. 10 (2013): 1353-1362. Print. *

Journal Paper: Sano, M.B., et al. "Simultaneous Electrokinetic Flow and Dielectrophoretic Trapping using Perpendicular Static and Dynamic Electric Fields." *Microfluidics & Nanofluidics* 15. 5 (2013): 599-609. Print. *

Journal Paper: Gallo-Villanueva, R.C., et al. "Joule Heating Effects on Particle Immobilization in Insulator-based Dielectrophoretic Devices." *Electrophoresis* DOI: 10.1002/elps.201300171. (2013): 1-11. Web. *

Journal Paper: Gencoglu, A., et al. "Particle Manipulation In Insulator Based Dielectrophoretic Devices." *Journal of Nanotechnology in Engineering and Medicine* 4. 2 (2013): 021002.1-7. Print. * Δ

Journal Paper: Lapizco-Encinas, B.H. "Editorial: Dielectrophoresis 2013." *Electrophoresis* 34. 7 (2013): 951-951. Print. Δ

Journal Paper: Gencoglu, A., et al. "Dynamic Microparticle Manipulation with an Electroosmotic Flow Gradient with Low Frequency Alternating Current Dielectrophoresis." *Electrophoresis* DOI: 10.1002/elps.201300385. (2013): 1-13. Web. *

Published Conference Proceedings: Gencoglu, A., et al. "Particle Manipulation in Dielectrophoretic Devices." *Proceedings of the ASME 2013 International Mechanical Engineering Congress & Exposition*. Ed. ASME. New York, NY: ASME, 2013. Print. *

Journal Paper: Gallo-Villanueva, R.C. and B.H. Lapizco-Encinas. "Dielectrophoresis, a Microscale Technique." *CIENCIA ergo-sum* 20. 3 (2013): 227-230. Print. *

Invited Presentations/Keynotes: Lapizco-Encinas, B.H. "Dynamic Particle Manipulation in Microfluidic Devices Employing Dielectrophoresis." *III International Seminar on Process Engineering*. Tecnologico de Monterrey. Monterrey, NL - Mexico. 2 Mar. 2013. Keynote Speech.

Invited Presentations/Keynotes: Lapizco-Encinas, B.H. "Dynamic Microparticle Manipulation in Dielectrophoresis-based Microfluidic Devices." *20th International Symposium on Electro- and Liquid Phase- Separation Techniques*. ITP. Tenerife, Canary Islands, Spain. 4 Oct. 2013. Conference Presentation. Δ

Journal Editor: Lapizco-Encinas, B. H., ed. *Electrophoresis*. Germany: Wiley, 2013. Print.

Book Chapter: Lapizco-Encinas, B.H. "Dielectrophoresis Applications in Microfluidics." *Microfluidics in Detection Science*. Ed. Labeed, Fatima. London, UK: Royal Chemistry Society, 2013. 1-25. Print. Δ

Invited Presentations/Keynotes: Lapizco-Encinas, B.H. "What Can We Do with Electric and Magnetic Fields - Panel Discussion." *2013 AES - ASME 2013 International Mechanical Engineering Congress & Exposition IMECE2013*. ASME. San Diego, CA. 18 Nov. 2013. Conference Presentation. Δ



Cristian A Linte

Full Length Book: Linte, C.A., et al. Medical Imaging and Augmented Reality & Augmented Environments for Computer-Assisted Interventions. Heidelberg, Germany: Springer-verlag, 2013. Print. * £

Full Length Book: Linte, C.A., et al. Augmented Environments for Computer-Assisted Interventions. Heidelberg, Germany: Springer - Verlag, 2013. Print. * £

Journal Paper: Linte, C.A., et al. "On Mixed Reality Environments for Minimally Invasive Therapy Guidance: Systems Architecture, Successes and Challenges in Their Implementation from Laboratory to Clinic." Computerized Medical Imaging and Graphics 37. 2 (2013): 83-97. Print. * £

Journal Paper: Linte, C.A., et al. "Online Modeling for Lesion Visualization and Monitoring for Cardiac Ablation Therapy." Lecture Notes in Computer Science (Springer) 8149. (2013): 9-17. Print. « £ ≠

Journal Paper: Linte, C.A., et al. "Toward Modeling of Radio-frequency Ablation Lesions for Image-guided Left Atrial Fibrillation Therapy: Model Formulation and Preliminary Evaluation." Studies in Health Technology and Informatics 184. (2013): 261-7. Print. * £ ≠

Published Conference Proceedings: Linte, C.A., et al. "Image-based Modeling and Characterization of RF Ablation Lesions in Left Atrial Fibrillation Therapy." Proceedings of the SPIE Medical Imaging - Image-guided Procedures, Robotics and Modeling. Ed. D.R. Holmes III and Z. Yaniv. Bellingham, WA: SPIE, 2013. Print. £ ~ ≠

Published Conference Proceedings: Rettmann, M.E., et al. "Segmentation of Left Atrial Intracardiac Ultrasound Images for Image Guided Cardiac Ablation Therapy." Proceedings of the SPIE Medical Imaging - Image-guided Procedures, Robotics and Modeling. Ed. D.R. Holmes III and Z. Yaniv. Bellingham, VA: SPIE, 2013. Print. £ ~ ≠

Book Chapter: Sun, D., et al. "Surface Reconstruction from Tracked Endoscopic Video Using the Surface from Motion Approach." Medical Imaging and Augmented Reality & Augmented Reality for Computer-Assisted Interventions / Lecture Notes in Computer Science. Ed. C.A. Linte, et al. Heidelberg, Germany: Springer - Verlag, 2013. 127-35. Print. * £ ≠

Book Chapter: Linte, C.A., et al. "Modeling of Radiofrequency Ablation Lesions for Image-guided Left Atrial Ablation Therapy: An Ex Vivo Evaluation Study." Augmented Environments for Computer-Assisted Interventions / Lecture Notes in Computer Science. Heidelberg, Germany: Springer - Verlag, 2013. 32-41. Print. * £ ≠

Published Conference Proceedings: Linte, C.A., et al. "Estimating Pedicle Screw Fastening Strength via a Virtual Modeling and Templating Technique for Spine Surgery Planning." Proceedings of the Biomedical Engineering Society. Ed. W.R. Wagner, G. Vunjak-Novakovic, and S. Hwang Pun. Clifton, MD: n.p., 2013. Web. *

Invited Presentations/Keynotes: Linte, C.A. "Biomedical Imaging, Modeling and Visualization Environments for Image Guidance of Minimally Invasive Interventions." Institute of Digital Healthcare Visiting Faculty Seminar Series. University of Warwick. Coventry, United Kingdom. 30 Oct. 2013. Guest Lecture.

Invited Presentations/Keynotes: Linte, C.A. "From Biomedical Imaging and Modeling to Visualization Environments for Image Guidance of Minimally Invasive Cardiac Interventions." MICCAI 2013 WS on Statistical Atlases and Computational Models of the Heart. Nagoya University. Nagoya, Japan. 26 Sep. 2013. Key-note Speech.

Invited Presentations/Keynotes: Linte, C.A. "On Virtual and Augmented Reality Techniques for Minimally Invasive Interventional Guidance." Design of Medical Devices - Virtual Prototyping of Medical Devices. University of Minnesota. Minneapolis, MN. 10 Apr. 2013. Guest Lecture.

Invited Presentations/Keynotes: Linte, C.A. "Ultrasound Imaging and Its Applications in Minimally Invasive Interventional Guidance." IEEE EMBS Southern MN Chapter. IEEE Southern MN Section. Rochester, MN. 18 Feb. 2013. Lecture.

Invited Presentations/Keynotes: Linte, C.A. "Tips on Effective Presentation Design and Delivery." IEEE USA Annual Meeting. IEEE USA. Portland, Oregon. 3 Aug. 2013. Lecture.

Invited Presentations/Keynotes: Linte, C.A. "Sustaining Innovation: Engaging with IEEE Societies." IEEE USA Annual Meeting. IEEE USA. Portland, Oregon. 3 Aug. 2013. Lecture.

Invited Presentations/Keynotes: Linte, C. A. "Toward Online Modeling for Lesion Visualization and Monitoring for Cardiac Ablation Therapy." Medical Image Computing and Computer-Assisted Interventions. Nagoya University. Nagoya, Japan. 23 Sep. 2013. Conference Presentation.

Invited Presentations/Keynotes: Linte, C.A. "Virtual Platform for Spine Surgery Planning: Initial Assessment and Clinical Experience." MICCAI 2013 WS on Biomedical Imaging and Visualization for Patient Customized Simulations. Nagoya University. Nagoya, Japan. 26 Sep. 2013. Conference Presentation.

Journal Editor: Linte, C.A., ed. Healthcare Technology Letters. London UK: Institute of Engineering and Technology (IET), 2013. Web. * £

Invited Presentations/Keynotes: Linte, C.A. "Ultrasound Imaging and Its Applications in Minimally Invasive Interventional Guidance." IEEE Nuclear Science Symposium and Medical Imaging Conference. IEEE. Anaheim, CA. 1 Nov. 2013. Guest Lecture. Δ

Reginald E Rogers

Journal Paper: Dichiara, Anthony B., Tyler J. Sherwood, and Reginald E. Rogers. "Binder Free Graphene-single-wall Carbon Nanotube Hybrid Papers for Removal of Polyaromatic Compounds from Aqueous Systems." Journal of Materials Chemistry A 1. (2013): 14480-14483. Web. «

Journal Paper: Rogers, Reginald E, et al. "Impact of Microwave Synthesis Conditions on the Rechargeable Capacity of LiCoPO₄ for Lithium Ion Batteries." Journal of Applied Electrochemistry 43. (2013): 271-278. Print. « £

Journal Paper: Forney, Michael W, et al. "High Performance Silicon Free-standing Anodes Fabricated by Low-pressure and Plasma-enhanced Chemical Vapor Deposition onto Carbon Nanotube Electrodes." Journal of Power Sources 228. (2013): 270-280. Print. £

Invited Presentations/Keynotes: Rogers, Reginald E. "Microwave Synthesis of Novel Nanomaterials for Energy Storage Applications." Graduate Seminar. Alfred University. Alfred, NY. 4 Apr. 2013. Lecture.



Invited Presentations/Keynotes: Rogers, Reginald E. "Microwave Synthesis of Novel Nanomaterials for Energy Storage Applications." -. Army Research Laboratory. Adelphi, MD. 17 Jul. 2013. Lecture.

Judged National/International Competition

Award Winner: Sherwood, Tyler J. and Reginald E. Rogers. American Institute of Chemical Engineers. Student Poster Session - 2nd Place Winner. San Francisco, CA, 2013. £

Judged National/International Competition

Award Winner: Benton-Smith, Jordan and Reginald E. Rogers. American Institute of Chemical Engineers. Student Poster Session - 2nd Place Winner. San Francisco, CA, 2013. £

Steven Weinstein, Professor

Journal Paper: Sandoz-Rosado, E. J., S. J. Weinstein, and R. J. Stevens. "On the Thomson Effect in Thermoelectric Devices." *International Journal of Thermal Sciences* 66. (2013): 1-7. Print. *

Journal Paper: Ruschak, K. J. and S. J. Weinstein. "A Local Power-law Approximation to a Smooth Viscosity Curve with Application to Flow in Conduits and Coating Dies." *Polymer Engineering and Science*. (2013): 1-9. Web. *

Computer Engineering

Amlan Ganguly, Assistant Professor

Journal Paper: Deb, Sujay, et al. "Design of an Energy Efficient CMOS Compatible NoC Architecture with Millimeter-Wave Wireless Interconnects." *IEEE Transactions on Computers* 62. 12 (2013): 2382- 2396. Print. ~

Published Conference Proceedings: Mansoor, Naseef, Manoj Yuvaraj, and Amlan Ganguly. "A Robust Medium Access Mechanism for Millimeter-Wave Wireless Network-on-Chip Architecture." *Proceedings of the IEEE System on Chip Conference (SOCC)*, Sept 2013, Germany. Ed. Norbert Schuhmann, Fraunhofer IIS. Erlangen, Germany: IEEE, Web. «

Published Conference Proceedings: Mansoor, Naseef, Amlan Ganguly, and Manoj Yuvaraj. "An Energy-efficient and Robust Millimeter-wave Wireless Network-on-Chip Architecture." *Proceedings of the IEEE International Symposium on Design and Fault Tolerance in VLSI and Nanotechnology Systems*, 2013, New York. Ed. Sandip Kundu (University of Massachusetts, Amherst, USA). New York, NY: IEEE, Web. «

Published Conference Proceedings: Wettin, Paul, et al. "Energy-Efficient Multicore Chip Design Through Cross-Layer Approach." *Proceedings of the Design, Automation and Test in Europe (DATE)*, Europe, 2013. Ed. Enrico Macii, Politecnico di Torino, IT. Grenoble, France, FR: IEEE, 2013. Web. «

Published Conference Proceedings: Wettin, Paul, et al. "Design Space Exploration for Reliable mm-Wave Wireless NoC Architectures." *Proceedings of the IEEE International Conference on Application-specific Systems, Architectures and Processors (ASAP)*, 2013, Ashburn, VA. Ed. TarekEl-Ghazawi, George Washington University. Ashbrun, VA: IEEE, 2013. Web. «

Invited Presentations/Keynotes: Ganguly, Amlan. "Enabling On-Chip Wireless Interconnects: Robustness in Wireless Network-on-Chip Architectures." *System Level Interconnection Prediction (SLIP)*, Colocated with Design Automation and Conference (DAC). IEEE. Austin, TX. 2 Jun. 2013. Lecture.

Full Length Book: Pande, Partha, Amlan Ganguly, and Krishnendu Chakrabarty. Design Technologies for Green and Sustainable Computing Systems. 1 ed. Chambersburg, PA: Springer, 2013. Print.

Published Conference Proceedings: Murray, Jacob, et al. "Evaluating Effects of Thermal Management in Wireless NoC-Enabled Multi-core Architectures." Proceedings of the IEEE International Green Computing Conference (IGCC), 2013, Arlington, VA. Ed. Ishfaq Ahmed, Behrooz Shirazi. Arlington, VA: IEEE, 2013. Web. «

Dhireesha Kudithipudi, Associate Professor

Journal Paper: Soltiz, Mike, et al. "Memristor-based Neural Logic Block for Non-linearly Separable Functions." IEEE Transactions on Computers 62. 8 (2013): 1597-1603. Print. * £

Journal Paper: Merkel, Cory and Dhireesha Kudithipudi. "A Temperature Sensing RRAM Architecture for 3D-ICs." IEEE Transactions on VLSI. 99 (2013): 1-10. Print. £

Published Conference Proceedings: Mohanram, Sundararaman and Dhireesha Kudithipudi. "Hierarchical Optimization of TSV Placement with Inter-Tier Liquid Cooling in 3D-IC MPSoCs." Proceedings of the 29th IEEE Semiconductor Thermal Measurement and Management Symposium. Ed. IEEE. San Jose, CA: IEEE, 2013. Print. «

Published Conference Proceedings: Catanzaro, Matthew and Dhireesha Kudithipudi. "Reconfigurable RRAM for LUT Logic Mapping: A Case Study for Reliability Enhancement." Proceedings of the 25th IEEE International SOC Conference. Ed. IEEE. Buffalo, NY: IEEE, Print. *

Published Conference Proceedings: Kudithipudi, Dhireesha, Colin Donahue, and Ganesh Khedkar. "Applications of CMOS/Memristor Neuromorphic Systems in Computing and Security." Proceedings of the CyberSci Summit. Ed. ICFI. Beltsville, MD: n.p., 2013. Web. Δ

Andres Kwasinski, Assistant Professor

Full Length Book: Su, G.M., et al. 3D Visual Communication. 1st ed. : Wiley, 2013. Print.

Journal Paper: Tuncer, H., A. Kwasinski, and N. Shenoy. "Performance Analysis of Virtual Mobility Domain Scheme vs. IPv6 Mobility Protocols." Computer Networks 57. 13 (2013): 2578-2596. Print. *

Published Conference Proceedings: Wang, W. and A. Kwasinski. "Distributed Cross-layer Resource Allocation Using Correlated Equilibrium Based Stochastic Learning." Proceedings of the 2013 Wireless Communications and Networking Conference. Ed. IEEE. Shanghai, China: IEEE, Print. *

Published Conference Proceedings: Kwasinski, A. "Joint Source-Channel Coding for Delay-Constrained Iterative Resource Allocation Algorithms." Proceedings of the 2013 Wireless Communications and Networking. Ed. IEEE. Shanghai, China: IEEE, Print. *

Published Conference Proceedings: Kwasinski, A. "Architecture for Green Mobile Network Powered from Renewable Energy in Microgrid Configuration." Proceedings of the 2013 Wireless Communications and Networking Conference. Ed. IEEE. Shanghai, China: IEEE, Print. *



Sonia Lopez Alarcon, Assistant Professor

Published Conference Proceedings: Skalicky, S., S. Lopez, and M. Lukowiak. "Distributed Execution of Transmural Electrophysiological Imaging with CPU, GPU, and FPGA." Proceedings of the International Conference on ReConFigurable Computing and FPGAs. Ed. René Cumpulido. Cancun, Mexico: IEEE Xplore, 2013. Print. «

Published Conference Proceedings: Fitzgerald, B., S. Lopez, and J. Sahuquillo. "Drowsy Cache Partitioning for Reduced Static and Dynamic Energy in the Cache Hierarchy." Proceedings of the International Green Computing Conference. Ed. Jack Dongarra. Arlington, VA: IEEE Xplore, 2013. Web. «

Published Conference Proceedings: Skalicky, S., et al. "Linear Algebra Computations in Heterogeneous Systems." Proceedings of the Application-Specific system, Architectures and Processors. Ed. Tarek El-Ghazawi. Washington, DC: IEEE Xplore, 2013. Print. «

Published Conference Proceedings: Skalicky, S., et al. "Performance Modeling of Pipelined Architectures on FPGAs." Proceedings of the International Symposium on Applied Reconfigurable Computing. Ed. Pedro C. Diniz. Los Angeles, CA: Springer-Verlag, 2013. Print. «

Marcin Lukowiak, Associate Professor

Journal Paper: Kurdziel, M., M. Lukowiak, and M. Sanfilippo. "Minimizing Performance Overhead in Memory Encryption." Journal of Cryptographic Engineering 3. 2 (2013): 129-138. Print. *

Book Chapter: Hu, F., et al. "Implantable Medical Device Security From a Machine Learning Perspective." Telehealthcare Computing and Engineering: Principles and Design. Ed. F. Hu. Boca Raton, FL: CRC Press, 2013. 699-708. Print. Δ

Published Conference Proceedings: Skalicky, S., S. Lopez, and M. Lukowiak. "Distributed Execution of Transmural Electrophysiological Imaging with CPU, GPU, and FPGA." Proceedings of the International Conference on ReConFigurable Computing and FPGAs. Ed. E. de la Torre, M. Wirthlin, and R. Cumpulido. Cancun, Mexico: IEEE, Print. *

Published Conference Proceedings: Skalicky, S., et al. "High Level Synthesis: Where Are We? A Case Study on Matrix Multiplication." Proceedings of the International Conference on ReConFigurable Computing and FPGAs. Ed. E. de la Torre, M. Wirthlin, and R. Cumpulido. Cancun, Mexico: IEEE, Print. *

Published Conference Proceedings: Skalicky, S., et al. "Linear Algebra Computations in Heterogeneous Systems." Proceedings of the IEEE International Conference on Application-specific Systems, Architectures and Processors. Ed. E. El-Araby. Ashburn, VA: IEEE, Print. *

Published Conference Proceedings: Skalicky, S., et al. "Performance Modeling of Pipelined Linear Algebra Architectures on FPGAs." Proceedings of the International Symposium on Applied Reconfigurable Computing. Ed. P. Brisk, J. de Figueiredo Coutinho, and P. Diniz. Los Angeles, CA: Springer, Print. *

Roy Melton, Senior Lecturer

Published Conference Proceedings: Hays, P., R. W. Ptucha, and R. Melton. "Mobile Device to Cloud Co-processing of ASL Finger Spelling to Text Conversion." Proceedings of the IEEE Western NY Image Processing Workshop. Ed. IEEE Xplore Digital Library. Rochester, NY: n.p., Web. «

Raymond W Ptucha

Journal Paper: Ptucha, Raymond and Andreas Savakis. "Manifold Based Sparse Representation for Facial Understanding in Natural Images." *Image and Vision Computing* 31. (2013): 365-378. Print. *

Book Chapter: Ptucha, Raymond and Andreas Savakis. "Facial Expression Recognition." *IGI Global Encyclopedia of Information Science and Technology*. : IGI, 2013. Print. *

Published Conference Proceedings: Hays, Phil, Raymond Ptucha, and Andreas Savakis. "Mobile Device to Cloud Co-processing of ASL Finger Spelling to Text Conversion." *Proceedings of the Western NY Image Processing Workshop*. Rochester, NY: IEEE Xplore, 2013. Web. «

Published Conference Proceedings: Ptucha, Raymond, Sherif Azary, and Andreas Savakis. "Keypoint Matching and Image Registration Using Sparse Representations." *Proceedings of the of International Conference on Image Processing*. Ed. IEEE Xplore. Melbourne, AU: IEEE Xplore, 2013. Web. «

Published Conference Proceedings: Bellmore, Colin, Raymond Ptucha, and Andreas Savakis. "Fusion of Depth and Color for an Improved Active Shape Model." *Proceedings of the of International Conference on Image Processing*. Ed. IEEE Xplore. Melbourne, AU: IEEE Xplore, 2013. Web. «

Published Conference Proceedings: Ptucha, Raymond and Andreas Savakis. "LGE-KSVD: Flexible Dictionary Learning for Optimized Sparse Representation Classification." *Proceedings of the Computer Vision and Pattern Recognition*. Ed. IEEE Xplore. Portland, OR: IEEE Xplore, 2013. Web. «

Published Conference Proceedings: Ptucha, Raymond and Andreas Savakis. "Joint Optimization of Manifold Learning and Sparse Representations." *Proceedings of the Face and Gesture Recognition*. Ed. IEEE Xplore. Shanghai, China: IEEE Xplore, 2013. Web. «

Invited Presentations/Keynotes: Ptucha, Raymond. "Joint Optimization of Manifold Learning and Sparse Representations for Face and Gesture Analysis." *Artificial Intelligence Seminar*. Cornell University. Ithaca, NY. 12 Mar. 2013. Lecture. Δ

Shows/Exhibits/Installations: Ptucha, Raymond. *Pervasive Intelligence Aided by Depth Sensors*. By Andreas Savakis. 13 Apr. 2013. Harvard University, Boston. Exhibit. *

Andreas Savakis, Professor

Journal Paper: Ptucha, R. and A. Savakis. "Manifold Based Sparse Representation for Facial Understanding in Natural Images." *Image and Vision Computing* 31. (2013): 365-378. Print. *

Published Conference Proceedings: Ptucha, R., S. Azary, and A. Savakis. "Keypoint Matching and Image Registration using Sparse Representations." *Proceedings of the IEEE International Conference Image Processing (ICIP)*. Ed. B. Lovell and D. Suter. Melbourne, Australia: IEEE, 2013. Print. *

Published Conference Proceedings: Bellmore, C., R. Ptucha, and A. Savakis. "Fusing of Depth and Color for an Improved Active Shape Model." *Proceedings of the IEEE International Conference Image Processing (ICIP)*. Ed. B. Lovell and D. Suter. Melbourne, Australia: IEEE, 2013. Print. *



Published Conference Proceedings: Ptucha, R. and A. Savakis. "Joint Optimization of Manifold Learning and Sparse Representations." Proceedings of the IEEE Int. Conf. Automatic Face and Gesture Recognition (FG 2013). Ed. R. Chellappa, X. Chen, and Q. Ji. Shanghai, China: IEEE, 2013. Print. «

Published Conference Proceedings: Ptucha, R. and A. Savakis. "LGE-KSVD: Flexible Dictionary Learning for Optimized Sparse Representation Classification." Proceedings of the IEEE Conf. on Computer Vision and Pattern Recognition (CVPR) Workshop on Analysis and Modeling of Faces and Gestures. Ed. G. Medioni and R. Zabih. Portland, OR: IEEE, 2013. Print. *

Published Conference Proceedings: Azary, S. and A. Savakis. "Grassmannian Sparse Representations and Motion Depth Surfaces for 3D Action Recognition." Proceedings of the IEEE Conf. on Computer Vision and Pattern Recognition (CVPR) Workshop on Human Activity Understanding from 3D Data. Ed. G. Medioni and R. Zabih. Portland, OR: IEEE, 2013. Print. «

Published Conference Proceedings: Azary, S. and A. Savakis. "Grassmannian Spectral Regression for Action Recognition." Proceedings of the 9th International Symposium on Visual Computing (ISVC), in Lecture Notes in Computer Science. Ed. G. Bebis. Rethymnon, Greece: Springer, 2013. Print. *

Published Conference Proceedings: Knack, T. and A. Savakis. "Real-time Content-aware Video Retargeting for Tunnel Vision Assistance." Proceedings of the IS&T/SPIE Electronic Imaging Conf. Multimedia on Mobile Devices. Ed. G. Sharma and R. Goma. San Francisco, CA: IS&T/SPIE, 2013. Print. *

Published Conference Proceedings: Moirgiorgou, K., et al. "High Frequency Monitoring System for Integrated Water Resources Management of Rivers." Proceedings of the EWAS-MED International Conference. Ed. A. Zouboulis. Thessaloniki, Greece: EWRA, 2013. Print. *

Shanchieh Yang, Associate Professor

Published Conference Proceedings: Moskal, Stephen, et al. "Simulating Attack Behaviors in Enterprise Networks." Proceedings of the IEEE Communications and Network Security. Ed. Wenjing Lou and Wade Trappe. Washington, DC: IEEE, 2013. Web. *

Book Chapter: Du, Haitao and Shanchieh Jay Yang. "Temporal and Spatial Analyses of Large Scale Cyber Attacks." Handbook of Computational Approaches to Counterterrorism. Ed. V.S. Subrahmanian. New York, NY: Springer, 2013. 559-578. Print. Δ £

Published Conference Proceedings: Cui, Biru, Shanchieh Jay Yang, and Ivan Kadar. "Influence versus Intent for Predictive Analytics in Situation Awareness." Proceedings of the SPIE Symposium on Defense, Security and Sensing, Vol. 8745. Ed. Ivan Kadar. Baltimore, MD: SPIE, 2013. Print. *

Published Conference Proceedings: Du, Haitao and Shanchieh Jay Yang. "Sequential Modeling for Obfuscated Network Attack Action Sequences." Proceedings of the IEEE Communications and Network Security. Ed. Wenjing Lou and Wade Trappe. Washington, DC: IEEE, 2013. Web. *

Published Conference Proceedings: Cheng, R.G., et al. "Design and Implementation of a Skype Protocol Analyzer." Proceedings of the IEEE Communications and Network Security. Ed. Wenjing Lou and Wade Trappe. Washington, DC: IEEE, 2013. Web. *

Published Conference Proceedings: Blasch, Erik P., et al. "Summary of Human Social, Cultural, Behavioral (HSCB) Modeling for Information Fusion Panel Discussion." Proceedings of the SPIE Symposium on Defense, Security and Sensing, Vol. 8745. Ed. Ivan Kadar. Baltimore, MD: SPIE, 2013. Print. £

Electrical and Microelectrical Engineering

Robert Bowman, Professor

Published Conference Proceedings: Robertson, J. M., et al. "Exploiting a Disruptive Technology to Actively Engage Students in the Learning Process." Proceedings of the 120th ASEE Annual Conference and Exhibition. Ed. ASEE. Atlanta, GA: ASEE, 2013. Print. *

Invited Presentations/Keynotes: Bowman, Robert J. "Inspiring Electrical Engineering Students Through Fully-Engaged Hands-on Learning." Mid-West Symposium. IEEE. Columbus, Oh. 6 Aug. 2013. Conference Presentation. Δ

Patents: Bowman, Robert J. and Christopher James Nassar. "Derivative Sampled, Fast Settling Time, OLED Driver." Patent 8,508,522, B2. Apr. 2013. £

Patents: Bowman, Robert J. "Internal Coaxial Cable Connector Integrated Circuit and Method of Use Thereof." Patent 8,414,326. Apr. 2013. £

Patents: Montena, Noah, Robert J. Bowman, and Ryan Vaughan. "Coaxial Connector with Integrated Molded Substrate and Method of Use Thereof." Patent 8,419,464. Apr. 2013. £

Patents: Bowman, Robert J. and Jean-Jacques DeLisle. "Power Extraction Device and Method of Use Thereof." Patent 8,376,774 B2. Feb. 2013. £

Sohail Dianat, Professor

Patents: Dianat, Sohail and Gill Tsouri. "Estimating Cardiac Pulse Recovery from Multi-Channel Source Data via Constrained Source Separation." Patent 8,617,081 B2. 31 Dec. 2013.

Patents: Dianat, Sohail and Lalit Mestha. "Sensitivity Matrix Determination Via Chain Rule of Differentiation." Patent 8,564,830. 22 Oct. 2013.

Patents: Dianat, Sohail and Lalit Mestha. "Methods for Adaptive and Progressive Gradient-based Multi-resolution Color Image Segmentation and Systems Thereof." Patent 8,515,171. 20 Aug. 2013.

Mark A Hopkins

Published Conference Proceedings: Hopkins, M. A. "Identification of Flexible Structures by Frequency-domain Observability Range Context." Proceedings of the SPIE International Symposium on Smart Structures and Materials. Ed. Henry Sodano. San Diego, CA: SPIE, the International Society for Optical Engineering, 2013. Print. ~

Santosh Kurinec, Professor

Invited Presentations/Keynotes: Kurinec, Santosh K. "Silicon Photovoltaics: Material, Manufacturing and Market." Qatar Foundation Annual Research Conference, 2013. Qatar Energy and Environment Research Institute (QEERI) at the Qatar Foundation (QF). Doha, Qatar. 24 Nov. 2013. Guest Lecture. Δ

Invited Presentations/Keynotes: Kurinec, Santosh K. "Evolution of Phase Change Memory: New Materials, Approaches and Applications." IEEE EDS 2013 Central Texas Mini-Colloquium. Central Texas IEEE EDS Chapter. Austin, TX. 10 May 2013. Guest Lecture. Δ



Invited Presentations/Keynotes: Kurinec, Santosh K. "Education and Research For Building Semiconductor Technologies." Invited Visit. Samsung Austin Semiconductor. Austin, TX. 9 May 2013. Address.

E Lyshevski, Professor

Journal Paper: Martirosyan, K. S., et al. "An Integrated Multidisciplinary Nanoscience Concentration Certificate Program for STEM Education." *Nano Education* 5. (2013): 1-10. Print. « Δ £

Journal Paper: Peresada, S., et al. "Identification of Stator and Rotor Resistances of Induction Motors." *Electronic and Computer Systems* 85. 9 (2013): 7-15. Print. « Δ £

Invited Presentations/Keynotes: Lyshevski, S. E. "Nano and Molecular Technologies in Microelectronics, MEMS and Electronic Systems." *Proc. IEEE Conf. Electronics and Nanotechnologies*. IEEE. Kiev, Ukraine. 16 Apr. 2013. Address. « Δ £

Published Conference Proceedings: Lyshevski, S. E. and L. Reznik. "Information-theoretic Estimates of Communication and Processing in Nanoscale and Quantum Optoelectronic Systems." *Proceedings of the Proc. IEEE Conf. Electronics and Nanotechnologies*. Ed. IEEE. Kiev, Ukraine: IEEE, 2013. Print. « £

Sildomar T Monteiro

Journal Paper: Murphy, Richard J. and Sildomar T. Monteiro. "Mapping the Distribution of Ferric Iron Minerals on a Vertical Mine Face Using Derivative Analysis of Hyperspectral Imagery (430-970 nm)." *ISPRS Journal of Photogrammetry and Remote Sensing* 75. (2013): 29-39. Print. *

Published Conference Proceedings: Cliff, Oliver M. and Sildomar T. Monteiro. "Evaluating Techniques for Learning a Feedback Controller for Low-cost Manipulators." *Proceedings of the IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*. Ed. IEEE. Tokyo, Japan: n.p., 2013. Print. *

Published Conference Proceedings: Lee, Seong H., Sildomar T. Monteiro, and Steve J. Scheduling. "Submodular Volume Simplex Analysis: A Greedy Algorithm for Hyperspectral Unmixing." *Proceedings of the IEEE Workshop on Hyperspectral Image and Signal Processing (WHISPERS)*. Ed. IEEE. Gainesville, FL: n.p., 2013. Print. *

Published Conference Proceedings: Monteiro, Sildomar T., et al. "Combining Strong Features for Registration of Hyperspectral and lidar Data from Field-based Platforms." *Proceedings of the IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*. Ed. IEEE. Melbourne, Australia: n.p., Print. Δ £

Published Conference Proceedings: Jasinski, T., et al. "W-band Maritime Target Classification Using High Resolution Range Profiles." *Proceedings of the International Conference on Radar (RADAR)*. Ed. IEEE. Adelaide, Australia: IEEE, Print. *

Mehran Mozaffari Kermani

Journal Paper: Mozaffari-Kermani, Mehran and Reza Azarderakhsh. "Efficient Fault Diagnosis Schemes for Reliable Lightweight Cryptographic ISO/IEC Standard CLEFIA Benchmarked on ASIC and FPGA." *IEEE Transactions on Industrial Electronics* 60. 12 (2013): 5925-5932. Web. £

Published Conference Proceedings: Mozaffari-Kermani, Mehran, et al. "Emerging Frontiers in Embedded Security." *Proceedings of the IEEE Int. Conf. VLSI Design*. pp. 203-208, : n.p., 2013. Web. * £

Published Conference Proceedings: Mozafari-Kermani, Mehran, et al. "Energy-efficient and Secure Sensor Data Transmission Using Encompression." Proceedings of the IEEE Int. Conf. VLSI Design. pp. 31-36, : n.p., 2013. Web. * £

Dorin Patru, Associate Professor

Published Conference Proceedings: Larson, Ryan Toukatly, Dorin Patru, Eli Saber, Eric Peskin, Gene Roylance, Brad. "Analysis of a Color Space Conversion Engine Implemented Using Dynamic Partial Reconfiguration." Proceedings of the Electronic Imaging 2013. Ed. SPIE/IS&T. San Francisco, CA: SPIE/IS&T, 2013. Print. ~

Sean L Rommel

Journal Paper: Grede, Alex and Sean L. Rommel. "Components of Channel Capacitance in Metal-insulator-semiconductor Capacitors." Journal of Applied Physics 114. 11 (2013): 114510 -114514. Print. £

Journal Paper: Romanczyk, Brian, et al. "Benchmarking Current Density in Staggered Gap In_{0.53}Ga_{0.47}As/GaAs_{0.5}Sb_{0.5} Heterojunction Esaki Tunnel Diodes." Applied Physics Letters 102. 21 (2013): 213504-4. Print. £

Eli Saber, Professor

Published Conference Proceedings: Yousef-Hussien, M., et al. "Three-Dimensional Volume Analysis of Vasculature in Engineered Tissues." Proceedings of the SPIE/IS&T: Electronic Imaging. Ed. SPIE/IS&T. San Francisco, CA: n.p., 2013. Print. *

Published Conference Proceedings: DeLima, O., et al. "An Edge Directed Super Resolution Technique for Surveillance and Printing Applications." Proceedings of the SPIE/IS&T: Electronic Imaging Symposium. Ed. SPIE/IS&T. San Francisco, CA: n.p., 2013. Print. *

Published Conference Proceedings: Toukatly, R., et al. "Performance Analysis of a Color Space Conversion Engine Implemented using Dynamic Partial Reconfiguration." Proceedings of the SPIE/IS&T: Electronic Imaging Symposium. Ed. SPIE/IS&T. San Francisco, CA: n.p., 2013. Print. *

Invited Presentations/Keynotes: Saber, E. "Segmentation of Multimodal Imagery for Remote Sensing, Multimedia and Biomedical Applications." Latin America Remote Sensing Conference. LARS. Santiago, Chile. 15 Oct. 2013. Keynote Speech. Δ

Ferat Sahin, Associate Professor

Journal Paper: Hibbard, Matthew J., Eric E. Peskin, and Ferat Sahin. "FPGA Implementation of Particle Swarm Optimization for Bayesian Network Learning." Computer and Electrical Engineering Journal, Elsevier 39. 8 (2013): 2454-2468. Print. *

Journal Paper: Sahin, Ferat and Ryan Bowen. "Introduction to Special Issue on Image and Video Processing." Computer and Electrical Engineering Journal, Elsevier 33. 3 (2013): 715 - 716. Print. Δ

Journal Paper: Cinar, Eyup and Ferat Sahin. "New Classification Techniques for Electroencephalogram (EEG) Signals and A Real-time EEG Control of a Robot." Neural Computing and Applications 22. 1 (2013): 29 -39. Print. *

Published Conference Proceedings: Kumar, Shitij and Ferat Sahin. "Brain Computer Interface for Interactive and Intelligent Image Search and Retrieval." Proceedings of the HO-NET-ICT 2013, High-Capacity Optical Networks and Emerging/Enabling Technologies. Ed. Jasim Raja. Nicosia, Cyprus: IEEE, 2013. Print. *



Published Conference Proceedings: Sahin, Ugur and Ferat Sahin. "Hybridized Fuzzy Cellular Automata Thresholding Algorithm for Edge Detection Optimized by PSO." Proceedings of the HONET-ICT 2013, High-Capacity Optical Networks and Emerging/Enabling Technologies. Ed. Jasin Raja. Nicosia, Cyprus: IEEE, 2013. Print. *

Published Conference Proceedings: Sorkunlu, Niyazi and Ferat Sahin. "Block Matching with Particle Swarm Optimization for Motion Estimation." Proceedings of the HONET-ICT 2013, High-Capacity Optical Networks and Emerging/Enabling Technologies. Ed. Jasin Raja. Nicosia, Cyprus: IEEE, 2013. Print. *

Published Conference Proceedings: Sahin, Ugur and Ferat Sahin. "Uniform Cellular Automata Linear Rules for Edge Detection." Proceedings of the IEEE Systems, Man and Cybernetics Conference (SMC 2013). Ed. Hana Krautwurmová. Manchester, UK: IEEE, 2013. Print. *

Published Conference Proceedings: Chandrashekar, Girish and Ferat Sahin. "In-vivo Fault Analysis and Real-time Fault Prediction for RF Generators Using State-of-the-art Classifier." Proceedings of the IEEE Systems, Man and Cybernetics Conference (SMC 2013),. Ed. Hana Krautwurmová. Manchester, UK: IEEE, 2013. Print. *

Published Conference Proceedings: Bowen, Ryan and Ferat Sahin. "Net-centric System of Systems Framework for Human Detection." Proceedings of the International Conference on System of Systems Engineering (SoSE 2013). Ed. Aly El-Osery. Maui, Hawaii: IEEE, 2013. Print. *

External Scholarly Fellowships:

7/1/2013 -
6/6/2014
MKS ENI Inc.
Amount: 29,907
≠

External Scholarly Fellowships:

7/1/2013 -
6/30/2014
NYSTAR
Amount: 60,611
≠

External Scholarly Fellowships:

6/1/2013 -
5/31/2014
MKS ENI Inc.
Amount: 48,674
≠

External Scholarly Fellowships:

7/1/2012 -
6/30/2013
MKS ENI Inc.
Amount: 29,903
≠

External Scholarly Fellowships:

7/1/2012 -
6/30/2013
NYSTAR - CIES
Amount: 64,631
≠

External Scholarly Fellowships:

4/15/2012 -
5/31/2013
MKS ENI Inc.
Amount: 38,631
≠

Gill Tsouri, Assistant Professor

Journal Paper: Tsouri, Gill R and David Wagner. "Threshold Constraints on Symmetric Key Extraction from Rician Fading Estimates." IEEE Transactions on Mobile Computing 12. 12 (2013): 2496 - 2506. Print. *

Published Conference Proceedings: Dautov, Ruslan and Gill R Tsouri. "Establishing Secure Measurement Matrix for Compressed Sensing using Wireless Physical Layer Security." Proceedings of the IEEE International Conference on Computing, Networking and Communications (ICNC). Ed. IEEE. San-Diego, CA: IEEE, 2013. Print. *

Published Conference Proceedings: Argade, Nikhil and Gill R Tsouri. "Dynamic Routing Trees with Energy Harvesting Constraints for Wireless Body Area Networks." Proceedings of the 8th International Conference on Body Area Networks (BODYNETS). Boston, MA: n.p., 2013. Print. *

Published Conference Proceedings: Tsouri, Gill R and Moshe Laifenfeld. "Global Routing with Energy Balancing in Intra-Vehicular Environment." Proceedings of the IEEE International Conference on Microwaves, Communications, Antennas and Electronic Systems (COMCAS). Tel Aviv, Israel: IEEE, 2013. Print. *

External Scholarly Fellowships:

3/1/2013 -
6/1/2013
SJFC
Amount: \$3,000

External Scholarly Fellowships:

7/1/2013 -
12/31/2013
nBn Technologies
Amount: \$60,000

External Scholarly Fellowships:

7/1/2013 -
12/31/2013
General Motors
Amount: \$14,000

External Scholarly Fellowships:

9/1/2013 -
11/31/2013
General Motors
Amount: \$17,000

Jayanti Venkataraman, Professor

Published Conference Proceedings: Trong, Duong, Jayanti Venkataraman, and Zhaolin Lu. "Enhancement of Ambient Energy Harvesting Using a Metamaterial Lens." Proceedings of the IEEE Antenna and Propagation Society International Symposium. Ed. IEEE. Orlando, FL: IEEE Explore, 2013. Print. ~

Published Conference Proceedings: Torbitt, Christopher, Jayanti Venkataraman, and Zhaolin Lu. "Gain Enhancement using DOE Lens and DNG Lens." Proceedings of the IEEE Antenna and Propagation Society International Symposium. Ed. IEEE. Orlando, FL: n.p., 2013. Print. ~

Published Conference Proceedings: Sidley, Matthew and Jayanti Venkataraman. "Feasibility of Blood Glucose Estimation from Real Time Monitoring." Proceedings of the IEEE Antenna and Propagation Society International Symposium. Ed. IEEE. Orlando, FL: n.p., 2013. Print. ~

Invited Presentations/Keynotes: Venkataraman, Jayanti. "Gain Enhancements Techniques." IEEE Applied Electromagnetics Conference. IEEE Antennas and Propagation Society and IEEE Microwave Theory and Techniques Society. Bhubaneswar, Odisha, India. 18 Dec. 2013. Conference Presentation. Δ



Denis Cormier, Professor

Journal Paper: Yang, Li, et al. "A Comparison of Bending Properties for Cellular Core Sandwich Panels." *Materials Sciences and Applications* 4. (2013): 471-477. Web. *

Published Conference Proceedings: Yang, Li, et al. "Design of Auxetic Sandwich Panels for Structural Applications." *Proceedings of the Solid Freeform Fabrication Symposium*. Ed. David Bourell. Austin, Texas: n.p., Web. *

Published Conference Proceedings: Folgar, Christian, Louis Folgar, and Denis Cormier. "Multifunctional Material Direct Printing for Laser Sintering Systems." *Proceedings of the Solid Freeform Fabrication Symposium*. Ed. David Bourell. Austin, Texas: n.p., Web. £

Published Conference Proceedings: Robinson, Ross, et al. "First Report on Quantum Dot Coated CMOS CID Arrays for the UV and VUV." *Proceedings of the Proc. SPIE 8859, UV, X-Ray, and Gamma-Ray Space Instrumentation for Astronomy*. San Diego, CA: SPIE, 2013. Web.

Invited Presentations/Keynotes: Cormier, Denis. "Functional Printing Technologies." *Advanced Manufacturing Conference*. Rensselaer Polytechnic Institute. Rensselaer, NY. 17 Apr. 2013. Conference Presentation.

Invited Presentations/Keynotes: Cormier, Denis. "Overview of 3D Printing Technologies." *Printed Electronics. IDTechEx*. Santa Clara, CA. 20 Nov. 2013. Lecture.

Invited Presentations/Keynotes: Cormier, Denis. "3D Printing With Embedded Electronics." *Printed Electronics. IDTechEx*. Santa Clara, CA. 20 Nov. 2013. Conference Presentation.

Invited Presentations/Keynotes: Cormier, Denis. "Functional Printing of Devices and Materials." *IEEE Electron Devices Society Western NY Annual Conference*. IEEE EDS. Rochester, NY. 13 Nov. 2013. Guest Lecture.

Invited Presentations/Keynotes: Cormier, Denis. "Medical Applications of 3D Printing." *IEEE EMBS HealthTech Symposium*. IEEE EMBS. Syracuse, NY. 6 Nov. 2013. Keynote Speech.

Invited Presentations/Keynotes: Cormier, Denis. "3D Printing Technologies." *Laboratory for Laser Energetics*. University of Rochester. Rochester, NY. 25 Sep. 2013. Guest Lecture.

Invited Presentations/Keynotes: Cormier, Denis. "Hybrid Additive Manufacturing With Functional Printing." *Additive Manufacturing Symposium*. North Carolina State University. Raleigh, NC. 16 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Cormier, Denis. "3D Printing of Carbon Composites Using UV/Photonic Curing." *UV EB East Conference*. Radtech. Syracuse, NY. 2 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Cormier, Denis. "3D Printing Overview." *3D Printing. Digital Rochester*. Rochester, NY. 18 Sep. 2013. Keynote Speech.

Invited Presentations/Keynotes: Cormier, Denis. "3D Printing Technologies." *Rochester Optics Society Monthly Meeting*. Rochester Optics Society. Rochester, NY. 17 Sep. 2013. Address.

Invited Presentations/Keynotes: Cormier, Denis. "Overview of Functional Printing At RIT." *Optomec Annual User Group Meeting*. Optomec. Rochester, NY. 12 Sep. 2013. Address.

Invited Presentations/Keynotes: Cormier, Denis. "State of the Art In Additive Fabrication." Additive Fabrication for Three-Dimensional Heterogeneous Integration. DARPA. Washington, DC. 17 May 2013. Address.

Invited Presentations/Keynotes: Cormier, Denis. "Functional Printing In Western NY." Technology Based Economic Development Conference. New York State Economic Development Council. Rochester, NY. 16 Oct. 2013. Address.

Marcos Esterman, Associate Professor

Published Conference Proceedings: Sundar, Sivakumar, et al. "Warranty Prediction During Product Development: Developing an Event Generation Engine." Proceedings of the IDETC '13: ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conferences. Ed. ASME. Portland, OR: n.p., 2013. Print. £

Scott Grasman, Professor

Journal Paper: Qin, R., S.E. Grasman, and K.B. Martin. "An Inventory Modeling Approach for Hydrogen Fueling Station Capacity." *Energy Systems* 4. 2 (2013): 195-217. Print. «

Journal Paper: Grasman, S.E. and B.W. Thomas. "Scrambled Experts: Team Handicaps and Win Probabilities for Golf Scrambles." *Journal of Quantitative Analysis of Sports* 9. 3 (2013): 217-227. Print. «

Book Chapter: Davis, K., E.A. Cudney, and S.E. Grasman. "Application of Lean Tools in a Medical Device Company." *Lean Systems: Applications and Case Studies in Manufacturing, Service, and Healthcare*. Ed. E.A. Cudney, S.L. Furterer, and D.M. Dietrich. Boca Raton, FL: CRC Press/Taylor & Francis, 2013. 277-288. Print. *

Published Conference Proceedings: Kulkarni, A., et al. "Workforce Planning and Facility Utilization using Two-Stage Stochastic Recourse." Proceedings of the Industrial and Systems Engineering Research Conference. Ed. A Krishnamurthy and V Chan. San Juan, PR: IIE, 2013. Print. *

Invited Presentations/Keynotes: Hewitt, M.R., et al. "Reformulation Techniques for Solving Non-linear Workforce Planning Models with Learning." INFORMS National Meeting. INFORMS. Minneapolis, MN. 6 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Grasman, S.E. "Workforce Cross-training with Learning." INFORMS National Meeting. INFORMS. Minneapolis, MN. 8 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Grasman, S.E., S. Jarugumilli, and N. Keng. "Workforce Planning Models in Semiconductor Manufacturing." INFORMS National Meeting. INFORMS. Minneapolis, MN. 6 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Gandhi, A. and S.E. Grasman. "Cross-Training Decisions for a Multi-Shift Workforce Allocation Problem." Industrial and Systems Engineering Research Conference. IIE. San Juan, PR. 20 May 2013. Conference Presentation.

Michael Kuhl, Professor

Published Conference Proceedings: Tolentino-Pena, Manuel, Ruben Proano, and Michael E. Kuhl. "Optimization of Inpatient Hemodialysis Scheduling Considering Efficiency and Treatment Delays." Proceedings of the 2013 Industrial and Systems Engineering Research Conference, San Juan, Puerto Rico, May 18-22, 2013. Ed. A. Krishnamurthy and W.K.V. Chan. Norcross, GA: Institute of Industrial Engineers, 2013. Web. «



Published Conference Proceedings: Moskal, Stephen, et al. "Simulating Attack Behaviors in Enterprise Networks." Proceedings of the IEEE Conference on Communications and Network Security 2013 - Poster Session, Washington, DC, October 14-18, 2013. Ed. Yanchao Zhang. Piscataway, NJ: IEEE, 2013. Web. £

Journal Editor: Pasupahy, Raghu, et al, ed. Proceedings of the 2013 Winter Simulation Conference. Piscataway, NJ: IEEE, 2013. Web. £

Matthew Marshall, Associate Professor

Published Conference Proceedings: Donner, A., M. Marshall, and J. Mozrall. "Biomechanical Comparison of American Sign Language Interpretation and Conversation." Proceedings of the Human Factors and Ergonomics Society. Ed. HFES. Santa Monica, CA: n.p., 2013. Print. *

Published Conference Proceedings: Marshall, M., A. Carrano, and W. Dannels. "Integration of Experiential Learning to Develop Problem Solving Skills in Deaf and Hard of Hearing Students." Proceedings of the American Society of Engineering Education. Ed. ASEE. Indianapolis, IN: n.p., Print. *

Ruben Proano, Assistant Professor

Published Conference Proceedings: Schmoke, Timothy and Ruben A Proano. "Mitigating Subjectivity in Multi-attribute Group-decision Making Problems." Proceedings of the 2013 Industrial and Systems Engineering Research Conference, May 2013, San Juan. Ed. A. Krishnamurthy and W.K.V Chan. San Juan, Puerto Rico: n.p., Print. *

Published Conference Proceedings: Tolentino-Pena, Manuel, Ruben A. Proano, and Michael Kuhl. "Optimization of Inpatient Hemodialysis Scheduling Considering Efficiency and Treatment Delays." Proceedings of the 2013 Industrial and Systems Engineering Research Conference, May 2013, San Juan. Ed. A. Krishnamurthy and W.K.V Chan. San Juan, Puerto Rico: n.p., Print. «

Invited Presentations/Keynotes: Proano, Ruben A. "Making Vaccines More Affordable and Profitable." IE Graduate Seminar. University of Pittsburgh. Pittsburgh, PA. 5 Dec. 2013. Guest Lecture.

Invited Presentations/Keynotes: Proano, Ruben A. and Michael Kuhl. "Reducing a Wasteful Shuffle of Patients: An Optimization Based Approach to Hospital Bed Assignments." LMI Speaker Series. Logistics Management Institute. Washington, DC. 4 Oct. 2013. Keynote Speech. ≠

Invited Presentations/Keynotes: Proano, Ruben A. "Generating Better Inpatient Dialysis Schedules." INFORMS Annual Meeting. INFORMS. Minneapolis, Minnesota. 6 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Proano, Ruben A. "Vaccine Prioritization: A Multi-attribute Group Decision Making Problem with Heterogenous Information." INFORMS Healthcare. INFORMS. Chicago, ILLINOIS. 23 Jun. 2013. Conference Presentation.

Brian Thorn, Associate Professor

Invited Presentations/Keynotes: Thorn, Brian K. and Sarah A. Brownell. "Social Sustainability of Sanitation Measures in Haiti and Methods of Measurement." RIT/Malmo University Joint Symposium. Rochester Institute of Technology. Rochester, NY. 2 Oct. 2013. Conference Presentation.

Invited Presentations/Keynotes: Carrano, Andres L. and Brian K. Thorn. "How to Calculate Carbon Footprints: A Wood Pallet Example." PROMAT Material Handling Show. Material Handling Institute. Chicago, ILL. 21 Jan. 2013. Conference Presentation.

Published Conference Proceedings: Woltag, H., A. L. Carrano, and B. K. Thorn. "Estimation of the Cradle-to-grave CO2 Footprint of Wood Pallets Logistics Operations." Proceedings of the Industrial and Systems Engineering Research Conference, San Juan, Puerto Rico. May 18-22, 2013. Ed. Institute of Industrial Engineers. San Juan, Puerto Rico: Institute of Industrial Engineers, 2013. Print. *

Published Conference Proceedings: Esteman, M., et al. "Warranty Prediction During Product Development: Developing an Event Generation Engine." Proceedings of the ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conferences. Ed. ASME. Portland, OR: ASME, 2013. Print. *

Mechanical Engineering

Wael Abdel Samad

Journal Paper: Samad, W. A., et al. "Hybrid Thermoelastic Stress Analysis of a Pinned Joint." *Experimental Mechanics*. (2013) Print. «

Published Conference Proceedings: Khaja, A. A., et al. "Thermoelastic Stress Analysis of A Mechanical Fastener." Proceedings of the 2012 Annual Conference on Experimental and Applied Mechanics. Ed. Helena Jin, et al. Palo Alto, California: Springer New York, 2013. Print. ~

Journal Paper: Samad, W. A. and R. E. Rowlands. "Full-Field Thermoelastic Stress Analysis of a Finite Structure Containing an Irregularly-Shaped Hole." *Experimental Mechanics*. (2013) Web. «

Margaret Bailey, Professor

Published Conference Proceedings: Reisberg, Rachelle, et al. "The Effect of Cooperative Education, Contextual Support, on Self-Efficacy on the Retention of Undergraduate Engineering Students." Proceedings of the 2013 ASEE Annual Conference and Exposition, Atlanta, GA. 23-26 June 2013. Ed. American Society of Engineering Education. Atlanta, GA: n.p., Print. «

Invited Presentations/Keynotes: Bailey, Margaret. "The Effect of Cooperative Education, Contextual Support, and Self-Efficacy on the Persistence of Undergraduate Engineering Students." Conference for Industry and Education Collaboration (CIEC) 2013, Phoenix, AZ. Cooperative and Experiential Education Division of ASEE. Phoenix, AZ. 7 Feb. 2013. Guest Lecture. Δ

Stephen Boedo, Associate Professor

Journal Paper: Boedo, S. "A Hybrid Mobility Solution Approach for Dynamically Loaded Misaligned Journal Bearings." *ASME Journal of Tribology* 135. (2013): 24501. Print. *

Journal Paper: Boedo, S. "A Corrected Displacement Solution to Linearly Varying Surface Pressure Over a Triangular Region on the Elastic Half Space." *Tribology International* 60. (2013): 116-118. Print. *

Published Conference Proceedings: Kasemer, M., E.A. DeBartolo, and S. Boedo. "Laboratory and Classroom Study of Low Cycle Fatigue." Proceedings of the ASEE 2013 Annual Conference and Exposition, June 23-26, 2013, Atlanta, GA. Ed. ASEE. Washington, DC: n.p., Print. *



Published Conference Proceedings: Holzenkamp, M., et al. "An Experimentally Validated Model for Reciprocating Compressor Main Bearings for Applications in Health Monitoring." Proceedings of the 2013 ASME Dynamic Systems and Control Conference, October 21-23, 2013, Stanford University, Palo Alto, CA. Ed. ASME. New York, NY: n.p., Print. *

Published Conference Proceedings: Demiri, S., S. Boedo, and L.S. Holsen. "Wear Assessment of Large Aspect Ratio Silicon Microbearing Systems." Proceedings of the 2013 ASME International Mechanical Engineering Congress and Exposition, November 13-21, 2013, San Diego, CA, Paper IMECE2013-64420. Ed. ASME. New York, NY: n.p., Print. *

Published Conference Proceedings: Boedo, S., J.F. Booker, and S.A. Coots. "Swing Phase Lubrication Analysis of a Novel Artificial Hip Joint." Proceedings of the 2013 ASME International Mechanical Engineering Congress and Exposition, November 13-21, 2013, San Diego, CA, Paper IMECE2013-64356. Ed. ASME. New York, NY: n.p., Print. *

Invited Presentations/Keynotes: Boedo, S. "Principles of Lubrication." Technical Review Meeting. Torvec Inc. Rochester, NY. 18 Jul. 2013. Guest Lecture.

Invited Presentations/Keynotes: Boedo, S. "Principles of Elastohydrodynamics." Technical Review Meeting. Trane Corporation. La Crosse, WI. 28 Feb. 2013. Guest Lecture.

Invited Paper: Boedo, S. "Improving Design of Artificial Hips." Research at RIT. (2013). Print. Δ

Agamemnon Crassidis

Published Conference Proceedings: Hussain, Heather S., Agamemnon L. Crassidis, and Jason R. Kolodziej. "Verification and Validation of a Theoretical Model of an Integrated Actuator Package for Primary Flight Control." Proceedings of the AIAA Atmospheric Flight Mechanics (AFM) Conference. Ed. Kamal Shweyk. Boston, MA: n.p., 2013. Web. * £

Published Conference Proceedings: Zimmerman, Aaron L. and Agamemnon L. Crassidis. "State Estimation Filtering Algorithms for Vehicle Attitude Determination using a Dual-Arc Accelerometer Array and 3-Axis Rate Gyroscopes." Proceedings of the AIAA Atmospheric Flight Mechanics (AFM) Conference. Ed. Jared Grauer. Boston, MA: n.p., 2013. Web. * £

Steven Day, Associate Professor

Journal Paper: Varble, Nicole, et al. "In Vitro Hemodynamic Model of the Arm Arteriovenous Circulation to Study Hemodynamics of Native Arteriovenous Fistula and the Distal Revascularization and Interval Ligation Procedure." Journal of Vascular Surgery Jul 11. (2013): online. Print. *

Journal Paper: Stewart, Sandy, et al. "Results of FDA's First Interlaboratory Computational Study of a Nozzle with a Sudden Contraction and Conical Diffuser." Cardiovascular Engineering and Technology 4. 4 (2013): 374-391. Print. * ≠

Published Conference Proceedings: Wheaton, Jay and Steven W Day. "Feasibility of Magnetized IVC Filter for Isolation of Circulating Cancer Cells." Proceedings of the ASME Frontiers in Medical Devices: Applications of Computer Modeling and Simulation. Ed. ASME. <http://proceedings.asmedigitalcollection.asme.org/proceedingbrowse.aspx>, Web. *

Elizabeth DeBartolo, Associate Professor

Published Conference Proceedings: Sullivan, Christopher, Elizabeth A. DeBartolo, and Kathleen Lamkin-Kennard. "A Wearable Gait Monitor and Terrain Prediction System." Proceedings of the 2013 ASME Summer Bioengineering Conference, June 26-29 2013, Sunriver OR. Ed. Ram Devireddy. New York, NY: n.p., Web. *

Published Conference Proceedings: Schiotis, Patricia, et al. "Un-Tethered, Active Ankle Foot Orthotic." Proceedings of the 2013 ASME Summer Bioengineering Conference, June 26-29 2013, Sunriver OR. Ed. Ram Devireddy. New York, NY: n.p., Web. *

Published Conference Proceedings: Streeter, Patrick, et al. "Air Muscle Powered Ankle Foot Orthotic." Proceedings of the 2013 ASME Summer Bioengineering Conference, June 26-29 2013, Sunriver OR. Ed. Ram Devireddy. New York, NY: n.p., Web. *

Published Conference Proceedings: Walsh, Michael P., et al. "Sonar Class Adaptive Sailing Jib Transfer Bench." Proceedings of the 2013 ASME Summer Bioengineering Conference, June 26-29 2013, Sunriver OR. Ed. Ram Devireddy. New York, NY: n.p., Web. *

Published Conference Proceedings: Gomes, Mario W. and Elizabeth A. DeBartolo. "Team-Based Design-and-Build Projects in a Large Freshman Mechanical Engineering Class." Proceedings of the 2013 ASEE Annual Conference and Exposition, June 23-26 2013, Atlanta GA. Ed. Patti Greenwalt. Washington, DC: n.p., Web. «

Published Conference Proceedings: DeBartolo, Elizabeth A., Stephen Boedo, and Matthew Kasemer. "Laboratory Activities to Illustrate the Importance of Low Cycle Fatigue." Proceedings of the 2013 ASEE Annual Conference and Exposition, June 23-26 2013, Atlanta GA. Ed. Patti Greenwalt. Washington, DC: n.p., Web. «

Hany Ghoneim, Professor

Published Conference Proceedings: Ghoneim, H. and A. Chanda. "Pumping Potential of Left-Ventricle-Like Flexible-Matrix-Composite Structure." Proceedings of the 19th International Conference on Composite Materials (ICCM19). Ed. Suong V. Hoa. Montreal, Quebec, Canada: n.p., 2013. Print. *

Journal Paper: Ghoneim, H. and S. Noor. "Pumping Potential of a Hyperbolic Shell-of-Revolution Flexible-Matrix-Composite Structure." Composite Structures 95. (2013): 10-15. Print. £

Amitabha Ghosh, Professor

Published Conference Proceedings: Ghosh, Amitabha. "Analysis of a Feedback Assessment Loop in Engineering Sciences Core Curriculum." Proceedings of the 2013 ASME International Mechanical Engineering Congress and Exposition. Ed. ASME. San Diego, CA: ASME, 2013. Print. *

Published Conference Proceedings: Ghosh, Amitabha and Carlos Pantaleon. "Teaching Computational Fluid Dynamics using MATLAB." Proceedings of the 2013 ASME International Mechanical Engineering Congress and Exposition. Ed. ASME. San Diego, CA: ASME, 2013. Print. *

Mario Gomes, Assistant Professor

Published Conference Proceedings: Gomes, Mario W. and Elizabeth A. DeBartolo. "Team-Based Design-and-Build Projects in a Large Freshman Mechanical Engineering Class." Proceedings of the 2013 ASEE Annual Conference. Ed. ASEE. Atlanta, GA: American Society for Engineering Education, 2013. Web. *



Surendra Gupta, Professor

Published Conference Proceedings: Gupta, Surendra K., et al. "TiPi Scholars Program for Transfer Students from Two-Year Colleges." Proceedings of the ASEE St. Lawrence Section Conference. Ed. ASEE St. Lawrence Section. Buffalo, NY: n.p., 2013. Web. ~

Published Conference Proceedings: Gupta, Surendra K. "Supplementing Instruction with Pencasts Created with a SmartPen." Proceedings of the ASEE Annual Conference. Ed. Materials Division. Atlanta, GA: www.asee.org, 2013. Web. *

Patricia Iglesias Victoria

Journal Paper: Iglesias, P., et al. "Steel Machining Chips as Reinforcements to Improve Sliding Wear Resistance of Metal Alloys: Study of a Model Zn-based Alloy System." *Wear* 65. (2013): 215-227. Web. «

Published Conference Proceedings: Walter, W.W., et al. "Investigation of the Benefits of Using a Case Study Method to Teach Mechanical Engineering Fundamentals Courses to Deaf and Hard of Hearing Students." Proceedings of the 120th ASEE Annual Conference & Exposition. Ed. American Society for Engineering Education. Washington, DC: n.p., Web. «

Published Conference Proceedings: Jimenez, A.E., et al. "A Study of the Wear Resistance of Kirksite Zn-Al-alloy and Kirksite-steel Composites." Proceedings of the 39th Leeds-Lyon Tribology Conference. Ed. The University of Leeds. Leeds, England: n.p., Web. *

Published Conference Proceedings: Oh, T., P. Iglesias, and G. Behm. "Utilizing Haptic Device with Mobility Cane to Guide the Deaf-blind in Real-time Obstacle Avoidance." Proceedings of the UKC 2013. Ed. Korean-American Scientist and Engineers Association. Vienna, VA: n.p., Print. *

Satish Kandlikar, Professor

Journal Paper: Dharaiya, V. V. and S. G. Kandlikar. "A Numerical Study on the Effects of 2D Structured Sinusoidal Elements on Fluid Flow and Heat Transfer at Microscale." *International Journal of Heat and Mass Transfer* 57. (2013): 190-201. Print. *

Journal Paper: Gopalan, P. and S. G. Kandlikar. "Effect of Channel Material on Water Droplet Dynamics in a PEMFC Gas Channel." *Journal of Electrochemical Society* 160. 6 (2013): F487-F495. Print. *

Journal Paper: Kalani, A. and S. G. Kandlikar. "Enhanced Pool Boiling with Ethanol at Subatmospheric Pressures for Electronics Cooling." *Journal of Heat Transfer* 135. (2013): 111002-1 - 111002-7. Print. *

Journal Paper: Kandlikar, S. G. "Selected Papers from the Ninth International Conference on Nanochannels, Microchannels, and Minichannels." *Heat Transfer Engineering* 34. 2-3 (2013): 99-100. Print. *

Journal Paper: Kandlikar, S. G. "Controlling Bubble Motion Over Heated Surface Through Evaporation Momentum Force to Enhance Pool Boiling Heat Transfer." *Applied Physics Letters* 102. (2013): 051611-1 - 051611-5. Print. *

Journal Paper: Kandlikar, S. G., et al. "Enhanced Flow Boiling Over Open Microchannels with Uniform and Tapered Gap Manifolds." *Journal of Heat Transfer* 135. (2013): 061401-1 - 061401-9. Print. *

Journal Paper: Kandlikar, S. G., et al. "Heat Transfer in Microchannels - 2012 Status and Research Needs." *Journal of Heat Transfer* 135. 9 (2013): 091001-1 - 091001-18. Print. *

Journal Paper: Koz, M. and S. G. Kandlikar. "Numerical Investigation of Interfacial Transport Resistance Due to Water Droplets in Proton Exchange Membrane Fuel Cell Air Channels." *Journal of Power Sources* 243. (2013): 946-957. Print. *

Journal Paper: Lin, T-Y. and S. G. Kandlikar. "Heat Transfer Investigation of Air Flow in Microtubes - Part I: Effects of Heat Loss, Viscous Heating, and Axial Conduction." *Journal of Heat Transfer* 135. 3 (2013): 031703-1 - 031703-9. Print. *

Journal Paper: Lin, T-Y. and S. G. Kandlikar. "Heat Transfer Investigation of Air Flow in Microtubes - Part II: Scale and Axial Conduction Effects." *Journal of Heat Transfer* 135. 3 (2013): 031704-1 - 031703-6. Print. *

Journal Paper: Mehta, J. S. and S. G. Kandlikar. "Pool Boiling Heat Transfer Enhancement over Cylindrical Tubes with Water at Atmospheric Pressure, Part I: Experimental Results for Circumferential Rectangular Open Microchannels." *International Journal of Heat and Mass Transfer* 64. (2013): 1205-1215. Print. *

Journal Paper: Mehta, J. S. and S. G. Kandlikar. "Pool Boiling Heat Transfer Enhancement over Cylindrical Tubes with Water at Atmospheric Pressure, Part II: Experimental Results and Bubble Dynamics for Circumferential V-Groove and Axial Rectangular Open Microchannels." *International Journal of Heat and Mass Transfer* 64. (2013): 1216-1225. Print. *

Journal Paper: Rubio-Jimenez, C. A., S. G. Kandlikar, and A. Hernandez-Guerrero. "Performance of Online and Offset Micro Pin-Fin Heat Sinks with Variable Fin Density." *IEEE Transactions on Components, Packaging, and Manufacturing Technology* 3. 1 (2013): 86-93. Print. *

Published Conference Proceedings: Banerjee, R., E. J. See, and S. G. Kandlikar. "Pressure Drop and Voltage Response of PEMFC Operation under Transient Temperature and Loading Conditions." *Proceedings of the 224th ECS Meeting*. Ed. H. Gasteiger, et al. San Francisco, CA: Electrochemical Society, 2013. Print. *

Published Conference Proceedings: Kalani, A. and S. G. Kandlikar. "Preliminary Results of Pressure Drop Modeling During Flow Boiling in Open Microchannels with Uniform and Tapered Manifolds (OMM)." *Proceedings of the ASME 2013 International Mechanical Engineering Congress & Exposition*. San Diego, CA: American Society of Mechanical Engineers, 2013. Web. *

Published Conference Proceedings: Kalani, A. and S. G. Kandlikar. "Experimental Investigation of Flow Boiling Performance of Open Microchannels with Uniform and Tapered Manifolds (OMM)." *Proceedings of the ASME 2013 Summer Heat Transfer Conference*. Minneapolis, MN: American Society of Mechanical Engineers, 2013. Web. *

Published Conference Proceedings: Kalani, A. and S. G. Kandlikar. "Pool Boiling Heat Transfer with Binary Mixture on Open Microchannel Surface." *Proceedings of the ASME 2013 11th International Conference on Nanochannels, Microchannels, and Minichannels*. Sapporo, Japan: American Society of Mechanical Engineers, 2013. Web. *

Invited Presentations/Keynotes: Kandlikar, S. G. "Plenary Speaker: Two-Phase Flow in GDL and Reactant Channels of a Proton Exchange Membrane Fuel Cell." *8th International Conference on Multiphase Flow*. Pohang University of Science and Technology. Jeju, Korea. 26 May 2013. Keynote Speech. *



Published Conference Proceedings: See, E. J. and S. G. Kandlikar. "Effect of GDL Material on Thermal Gradients along the Reactant Flow Channels in PEMFCs." Proceedings of the 224th ECS Meeting. Ed. H. Gasteiger, et al. San Francisco, CA: Electrochemical Society, 2013. Print. *

Invited Presentations/Keynotes: Kandlikar, S. G. "Plenary Speaker: Flow Boiling in Microchannels - A New Pathway to Unprecedented Heat Transfer Performance Through OMM Design." 9th UK - Japan Seminar on Multi-Phase Flows 2013. Brunel University. London, United Kingdom. 16 Sep. 2013. Keynote Speech. *

Jason Kolodziej, Assistant Professor

Published Conference Proceedings: Holzenkamp, Markus, et al. "An Experimentally Validated Model for Reciprocating Compressor Main Bearings for Applications in Health Monitoring." Proceedings of the 2013 ASME Dynamic Systems and Control Conference. Ed. ASME. Palo Alto, CA: n.p., 2013. Print. * £

Published Conference Proceedings: Guerra, Christopher J. and Jason R. Kolodziej. "A Validated System-level Thermodynamic Model of a Reciprocating Compressor With Application To Valve Condition Monitoring." Proceedings of the 2013 ASME Dynamic Systems and Control Conference. Ed. ASME. Palo Alto, CA: n.p., 2013. Print. * £

Published Conference Proceedings: Sridhar, Rahulram and Jason R. Kolodziej. "Bearing Fault Detection in Electromechanical Actuators from Empirically Extracted Features." Proceedings of the 2013 AIAA Atmospheric Flight Mechanics Conference. Ed. AIAA. Boston, MA: n.p., 2013. Print. * £

Published Conference Proceedings: Hussain, Heather S., Agamemnon L. Crassidis, and Jason R. Kolodziej. "Verification and Validation of a Theoretical Model of a Direct Drive Valve-Controlled Electrohydrostatic Actuator for Primary Flight Control." Proceedings of the 2013 AIAA Atmospheric Flight Mechanics Conference. Ed. AIAA. Boston, MA: n.p., 2013. Print. * £

Published Conference Proceedings: Kolodziej, Jason R, Anna T. Jensen, and Jodi L. Carville. "An Aerospace Themed Design Experience for Middle School Girls Interested in STEM Careers." Proceedings of the 2013 AIAA Atmospheric Flight Mechanics Conference. Ed. AIAA. Boston, MA: n.p., 2013. Print. * £

Kathleen Lamkin-Kennard, Associate Professor

Book Chapter: Skuse, Gary and Kathleen A. Lamkin-Kennard. "Reverse Engineering Life: Physical and Chemical Mimetics for Controlled Stem Cell Differentiation." Organ Regeneration: Methods and Protocols. Ed. J. Basu and J.W. Ludlow. New York, NY: Humana Press, 2013. 99-114. Print. ~

Judged National/International Competition Award Winner: Hennig, Anthony and Kathleen A. Lamkin-Kennard. Harvard Undergraduate Research Association's National Collegiate Research Conference. Award of Excellence. Boston, MA, 2013. £

Risa Robinson, Professor

Journal Paper: Harding, T.M. Jr., E. Berg, and R.J. Robinson. "Diffusion of Replica Healthy and Emphysematous Alveolar Models Using Computational Fluids Dynamics." ISRN Biomedical Engineering. (2013): Article ID 919802. Print. *

Book Chapter: Harding, Ted, Emily Berg, and Risa Robinson. "3D Reconstruction of an Acinus for Numerical and Experimental Studies." 3D Reconstruction: Methods, Applications and Challenges. Ed. Jim Ashworth and Kenneth Brasher. Hauppauge, NY: Nova Science Publishers, Inc., 2013. 10. Print. £

Michael J Schertzer

Published Conference Proceedings: Schertzer, Michael J., et al. "Method for Individual Control of Multiplexed Droplet Generation in Digital Microfluidic Devices." Proceedings of the International Mechanical Engineering Conference and Exposition, 2013 San Diego, CA. Ed. Mina Pelegri and George Kardomateas. San Diego, CA: ASME, 2013. Print. * £

Robert J Stevens, Associate Professor

Journal Paper: Sandoz-Rosada, Emil J., Steven J. Weinstein, and Robert J. Stevens. "On the Thomson Effect in Thermoelectric Power Devices." International Journal of Thermal Sciences 66. (2013): 1-7. Print. *

Published Conference Proceedings: Mahajan, Satchit B., Reginald D. Pierce, and Robert J. Stevens. "Characterizing High Temperature Thermoelectric Modules." Proceedings of the International Mechanical Engineering Congress and Exposition 2013. Ed. ASME. San Diego, CA: ASME, 2013. Print. *

Benjamin Varela, Associate Professor

Journal Paper: Varela, B, et al. "Chemical Composition Correction of Aluminosilicate Materials to Enhance Their Conditions as Precursors for Alkaline Activation." Journal of Materials Science with Advanced Technology 7. 1 (2013): 17-33. Print. £

P Venkataraman, Associate Professor

Full Length Book: Venkataraman, P. Holistic MATLAB for Science and Engineering. ISBN:978-0-9888811-05 ed. Rochester, NY: P. Venkataraman, 2013. Web.

Published Conference Proceedings: Venkataraman, P. "Continuous Solution for Boundary Value Problems on Non Rectangular Geometry: DETC2013-12269." Proceedings of the 33rd Computers and Information in Engineering Conference. Ed. ASME. Portland, OR: ASME, 2013. Print. «

Wayne Walter, Professor

Published Conference Proceedings: Walter, Wayne W., Michael Schrlau, and Patricia Iglesias. "Investigation of the Benefits of Using a Case Study Method to Teach Mechanical Engineering Fundamentals Courses to Deaf and Hard of Hearing Students." Proceedings of the 2013 Annual ASEE Conference & Exposition. Ed. American Society of Engineering Education. Atlanta, Georgia: American Society of Engineering Education, Print. «

Microsystems Engineering

David Borkholder, Associate Professor

Journal Paper: Haghpanahi, Masoumeh, et al. "Noninvasive Technique for Monitoring Drug Transport Through the Murine Cochlea using Micro-Computed Tomography." Annals of Biomedical Engineering 41. (2013): 2130-2142. Print. *

Published Conference Proceedings: Conn, Nicholas and David A Borkholder. "A Comparison of Reconstruction Methods for Compressed Sensing of the Photoplethysmogram." Proceedings of the 10th International Conference on Sampling Theory and Applications (SampTA 2013). Bremen, Germany: n.p., 2013. Web. £

Journal Paper: Snyder, Jessica L, et al. "High-performance, Low-voltage Electroosmotic Pumps with Molecularly Thin Silicon Nanomembranes." Proceedings of the National Academies of Sciences 110. 46 (2013): 18425-18430. Print. *



Published Conference Proceedings: Haghpanahi, Masoumeh and David A Borkholder. "Fetal ECG Extraction from Abdominal Recordings Using Array Signal Processing." Proceedings of the Computing in Cardiology. Zaragoza, Spain: n.p., 2013. Web. £

Published Conference Proceedings: Ostertag, Michael H., et al. "The Blast Gauge System as A Research Tool to Quantify Blast Overpressure in Complex Environments." Proceedings of the ASME 2013. San Diego, CA: n.p., 2013. Web. £

Invited Presentations/Keynotes: Borkholder, David A. "Concept to Commercialization - Having a Blast..." Albert J. Simone Innovation Series. Rochester Institute of Technology. Rochester, NY. 28 Feb. 2013. Keynote Speech. Δ

Zhaolin Lu, Assistant Professor

Journal Paper: Zhao, Wangshi, Kaifeng Shi, and Zhaolin Lu. "Greatly Enhanced Ultrabroadband Light Absorption by Monolayer Graphene." Optics Letters 38. 21 (2013): 4342-4345. Print. *

Invited Presentations/Keynotes: Lu, Zhaolin, Wangshi Zhao, and Kaifeng Shi. "Active Plasmonic Metamaterials and Greatly Enhanced Light Absorption by Monolayer Graphene." Frontiers in Optics. Optical Society of America. Orlando, Florida. 8 Oct. 2013. Keynote Speech. Δ

Patents: Lu, Zhaolin and Ruoxi Yang. "Methods for Three-dimensional Nanofocusing of Light and System Thereof." Patent 8,346,039. 1 Jan. 2013.

Stefan F Preble, Assistant Professor

Journal Paper: Cao, Liang, Abdelsalam Aboketaf, and Stefan Preble. "CMOS Compatible Micro-oven Heater for Efficient Thermal Control of Silicon Photonics Devices." Optics Communications 305. (2013): 66. Web. *

Journal Paper: Bhattacharya, Mishkat, Hao Shi, and Stefan Preble. "Coupled Second-quantized Oscillators." American Journal of Physics 81. (2013): 267. Web. *

Journal Paper: Hach, Edwin, Stefan Preble, and Ali Elshaari. "Robust, Scalable Hong-Ou-Mandel Manifolds in Quantum Optical Ring Resonators." arXiv preprint 1309.0274. (2013): 1. Web.

Published Conference Proceedings: Wang, Zihao, et al. "Integration of Passive Components with High Performance Quantum Dot Lasers for Silicon Photonics." Proceedings of the IEEE Optical Interconnects Conference. Sante Fe, NM: IEEE, 2013. Web. *

Published Conference Proceedings: Bambha, Neal, Stefan Preble, and Justin Bickford. "CMOS Compatible Modulator Utilizing the DC Kerr Effect." Proceedings of the IEEE Optical Interconnects Conference. Sante Fe, NM: n.p., 2013. Web. *

Published Conference Proceedings: Preble, Stefan, Edwin Hach, and Ali Elshaari. "Multi-photon Interactions in Travelling Wave Resonators." Proceedings of the SPIE Defense, Security and Sensing. Ed. Proceedings of SPIE Volume 8749. Baltimore, MD: n.p., 2013. Web. *

Invited Presentations/Keynotes: Preble, Stefan. "Silicon Photonic Quantum Optical Devices." SPIE 2013 Optics+Optoelectronics. SPIE. Prague, Czech Republic. 5 Apr. 2013. Conference Presentation. *

Bruce W Smith

Journal Paper: Baylav, Burak, et al. "Impact of Pupil Plane Filtering on Mask Roughness Transfer." Journal of Vacuum Science & Technology B 31. 6 (2013): 06f801. Print. *

Journal Paper: Fenger, Germain L, et al. "Extreme Ultraviolet Lithography Resist-based Aberration Metrology." *Journal of Micro/Nanolithography, MEMS, and MOEMS* 12. 4 (2013): 43001. Print. *

Book Chapter: Smith, Bruce W. "Ch.1. Optical Projection Lithography." *Nanolithography: The Art of Fabricating Nanoelectronic and Nanophotonic Devices and Systems*. Cambridge, UK: Woodhead Publishing Ltd., 2013. 10-85. Print.

Published Conference Proceedings: Baylav, Burak, et al. "Line Edge Roughness (LER) Mitigation Studies Specific to Interference-like Lithography." *Proceedings of the SPIE Advanced Lithography*. Ed. M. Dusa. San Jose, CA: SPIE Press, 2013. Print. £

Judged National/International Competition Award Winner: Smith, Bruce W. *Optical Society of America. OSA Fellow*. Washington, DC, 2013. *

Published Conference Proceedings: Sears, Monica Kempself and Bruce W Smith. "Pupil Wavefront Manipulation to Compensate for Mask Topography Effects in Optical Nanolithography." *Proceedings of the SPIE Advanced Lithography*. Ed. M. Dusa. San Jose, CA: SPIE Press, 2013. Print. £

Published Conference Proceedings: Fenger, Germain L, et al. "EUVL Resist-based Aberration Metrology." *Proceedings of the SPIE Advanced Lithography*. Ed. O. Wood. San Jose, CA: SPIE Press, 2013. Print. £

Journal Paper: Sears, Monica Kempself, Joost Bekaert, and Bruce W Smith. "Lens Wavefront Compensation for 3D Photomask Effects in Subwavelength Optical Lithography." *Applied optics* 52. 3 (2013): 314.322. Print. *

Invited Presentations/Keynotes: Smith, Bruce W. "Lithography Beyond the IC." *IMEC Technical Seminar Series*. IMEC. Leuven, Belgium. 15 Oct. 2013. Guest Lecture. Δ

Journal Paper: Sears, Monica Kempself and Bruce W. Smith. "Modeling the Effects of Pupil-manipulated Spherical Aberration in Optical Nanolithography." *Journal of Micro/Nanolithography, MEMS, and MOEMS* 12. 1 (2013): 13008. Print. *

Journal Paper: Xie, Peng and Bruce W Smith. "Scanning Interference Evanescent Wave Lithography for Sub-22-nm Generations." *Journal of Micro/Nanolithography, MEMS, and MOEMS* 12. 1 (2013): 13011. Print. *

Jiandi Wan

Journal Paper: Nunes, J.K., et al. "Dripping and Jetting in Microfluidic Multiphase Flows Applied to Particle and Fiber Synthesis." *J. Phys. D: Appl. Phys.* 46. (2013): 114002. Print. * £

Journal Paper: Chen, H., et al. "Gas-core Triple Emulsions for Ultrasound Controlled Release." *Soft Matter* 9. (2013): 38-42. Print. * £

Journal Paper: Tsai, S.S.H., et al. "Microfluidic Ultralow Interfacial Tensiometry by Magnetic Forcing." *Lab on Chip* 13. (2013): 119-125. Print. * £



Academic Affairs

Marianne Gustafson, Professor

Published Conference Proceedings: DeFilippo, Carol Lee and Mariane Gustafson. "Early-Term Student Feedback to Improve Teaching Effectiveness: Best Practices." Proceedings of the 30th Anniversary Academic Chairpersons Conference. Ed. Kansas State University and the IDEA Center. San Antonio, Texas: Kansas State University and the IDEA Center, 2013. Print. *

American Sign Language and Interpreting Education (ASLIE)

Leisa Boling

Invited Presentations/Keynotes: Boling, L., et al. "A New Frontier: American Sign Language e-Curriculum (Poster)." Conference Council of American Instructors of the Deaf Conference (CAID). National Technical Institute of the Deaf. Rochester, NY. 24-28 Jun. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Boling, L., et al. "To Meet the Demands of a New Age: Innovative ASL e-Curriculum." Conference 2013 American Sign Language Teacher Association's 7th Biennial Professional Development Conference. ASLTA. Charlotte, NC. 2-7 Jul. 2013. Conference Presentation. *

Peter Hauser, Associate Professor

Journal Paper: Quinto-Pozos, D., et al. "Atypical Sign Language Development: A Case Study of Challenges with Visual Perspective-taking." *Cognitive Neuropsychology*. (2013) Print. «

Journal Paper: Guldenoglu, B., et al. "A Comparison of the Letter Processing Skills of Hearing and Deaf Readers: Evidence From Five Orthographies." *Journal of Deaf Studies and Deaf Education*. (2013) Print. «

Journal Paper: Clark, D. M., et al. "The Importance of Early Sign Language Acquisition for Deaf Readers." *Reading and Writing Quarterly*. (2013) Print. «

Journal Paper: Hauser, P. C., J. Lukomski, and V. Samar. "Reliability and Validity of the BRIEF-A for Assessing Deaf College Students' Executive Function." *Journal of Psychoeducational Assessment* 31. (2013): 363-374. Print. «

Journal Paper: Corina, D. P., et al. "Lexical Processing in Deaf Readers: An fMRI Investigation of Reading Proficiency." *Public Library of Science ONE* 8. 1 (2013): e54696. Web. «

Invited Presentations/Keynotes: Hauser, P. C. "Sign Language Assessment: A Bridge Between Theory and Practice." 11th Theoretical Issues in Sign Language Research Conference. University College London. London, UK. 13 Jul. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Hauser, P. C. "Deaf Scientists Need Deaf Mentors." 6th Deaf Academics Conference. Catholic University of Portugal. Lisbon, Portugal. 16 Jul. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Hauser, P. C. "What Parents and Teachers Need to Know About How Deaf Children Learn." 4th Early Childhood Education Summit. Texas School for the Deaf. Austin, Texas. 15 Mar. 2013. Key-note Speech. Δ

Grants: Hauser, P. C. (2013-2013). Broadening the Participation of Deaf Students in Sign Language Research. Grant proposal submitted to SBE-Linguistics, National Science Foundation. «

Grants: Hauser, P. C. (2013-2018). Rochester Bridges to the Doctorate Program (R25) for Deaf and Hard of Hearing Students. Grant proposal submitted to R25, DHHS-NIH: National Institute for General Medicine Studies. «

Invited Presentations/Keynotes: Hauser, P. C., E. Israel, and J. Contreras. "Deaf Students' Performance on the Color Trails Test: Effect of Early Sign Language Acquisition." 11th Meeting of the Theoretical Issues in Sign Language Research Conference. University College London. London, UK. 10 Jul. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Corina, D., et al. "Lexical Processing in Deaf Readers: An fMRI Investigation of Reading Proficiency." 11th meeting of the Theoretical Issues in Sign Language Research Conference. University College London. London, UK. 10 Jul. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Hauser, P. C., et al. "What Makes Deaf People Happy?" 6th Deaf Academics Conference. Catholic University of Portugal. Lisbon, Portugal. 15 Jul. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Contreras, J., E. Israel, and P. C. Hauser. "Importance of Sign Language for Cognitive Development." 6th Deaf Academics Conference. Catholic University of Portugal. Lisbon, Portugal. 15 Jul. 2013. Conference Presentation. «

Invited Presentations/Keynotes: McKee, M. and P. C. Hauser. "Addressing Deaf and Hard of Hearing LGBT Individuals' Health Care Needs: A Communication and Cultural Primer." Gay and Lesbian Medical Association Conference. GLMA. Denver, CO. 15 Sep. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Hauser, P. C., J. Contreras, and E. Israel. "Effect of Language on Executive Function Development: Case of Deaf Signers." 25th Association of Psychological Science Convention. APS. Washington, DC. 14 May 2013. Conference Presentation. «

Invited Presentations/Keynotes: Colayori, K., et al. "Development of the American Sign Language Comprehension Test." Inter-Science of Learning Centers Conference. Carnegie Mellon. Philadelphia, PA. 12 Feb. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Conteras, J. and P. C. Hauser. "Impact of Early Sign Language Acquisition on Deaf Children's Executive Function Development." Inter-Science of Learning Centers Conference. Carnegie Mellon. Philadelphia, PA. 12 Feb. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Israel, E. and P. C. Hauser. "Deaf Students' Performance on the Color Trails Test: Effect of Early Sign Language Acquisition." Inter-Science of Learning Centers Conference. Carnegie Mellon. Philadelphia, PA. 12 Feb. 2013. Conference Presentation. «

ANNEMARIE D. ROSS, ASSISTANT PROFESSOR IN THE DEPARTMENT OF SCIENCE AND MATHEMATICS, AT THE NATIONAL TECHNICAL INSTITUTE FOR THE DEAF, FOCUSES ON RESEARCH IN THE FIELDS OF ENVIRONMENTAL CHEMISTRY AND DEAF PEDAGOGY.

Along with collaborators, the research team focuses on the study of Dissolved Organic Carbon (DOC), a “natural” pollutant formed from the degradation of biological matter. DOC makes its way through the local watershed, and due largely to its phenolic content, it can produce potentially carcinogenic disinfection byproducts resulting from treatment for drinking water. The multidimensional fluorescence spectra of the DOC, along with the use of advanced chemometrics, allows the team to monitor the local watershed for DOC and phenol content and should lead to future projects; including the development of biogeochemical profiles, monitoring the impact of Climate Change on DOC/phenol quantity and the production of in-situ instrumentation to test the phenolic content in water. This work has led to a recent publication in the Royal Chemical Society’s Journal of Environmental Monitoring. Professor Ross always includes Deaf and hard-of-hearing undergraduate students on the research team (including a large group of students at the Associate’s degree level).

In addition to the Environmental Chemistry research, Professor Ross also studies the effect of curriculum modifications/innovations on Deaf and hard-of-hearing students in the science classroom. The curricular modifications span from the use of the American Chemical Society’s Climate Change Tool Kit to “Writing in the Sciences and Science in Writing” (writing across the curriculum- a project that she works on with departmental colleagues). These studies have led to publication in the national and local proceedings of the American Chemical Society conferences, as well as in the Journal of Science Education for Students with Disabilities. Along with co-members of the American Chemical Society’s Committee on Chemists with Disabilities, she has also worked to disseminate ‘best practices’ for teaching chemistry to students with disabilities (K-postsecondary). A general article on issues of Deaf and hard-of-hearing education in the STEM fields has also been submitted for publication.

ANNEMARIE D. ROSS

ASSISTANT PROFESSOR

DEPARTMENT OF SCIENCE AND MATHEMATICS

NATIONAL TECHNICAL INSTITUTE FOR THE DEAF



Laboratory Science
Technology

Invited Presentations/Keynotes: Quinto-Pozos, D., J. Singleton, and P. Hauser. "A Case of Specific Language Impairment in a Native Deaf Signer of American Sign Language." Symposium on Research in Child Language Disorders. University of Wisconsin-Madison. Madison, WI. 8 Jun. 2013. Conference Presentation. «

Invited Presentations/Keynotes: Hauser, P. C. "Deaf Cultural Capital: What Deaf Individuals Need for Navigating Life." Department of Speech and Hearing Sciences. University of Illinois-Urbana-Champaign. Urbana-Champaign, IL. 28 Sep. 2013. Guest Lecture. Δ

Invited Presentations/Keynotes: Hauser, P. C. "Impact of Early Language Experience on the Development of the Executive Functions." Department of Linguistics. University of Texas-Austin. Austin, TX. 14 Mar. 2013. Guest Lecture. Δ

Kim Kurz, Assistant Professor

Invited Presentations/Keynotes: Boling, L., et al. "A New Frontier: ASL E-Curriculum." Convention of American Instructors of the Deaf. American Instructors of the Deaf. Rochester, NY. 19 Jun. 2013. Conference Presentation. *

Jason D Listman

Dissertation/Thesis: Listman, Jason D. "Nature of Deaf Mentoring Dyads: Role of Subjugated Knowledge." Diss. Doctoral in Education from St. John Fisher College, 2013. Print.

Invited Presentations/Keynotes: Boling, Leisa, et al. "To Meet the Demands of a New Age: Innovative ASL e-Curriculum." 2013 American Sign Language Teacher Association's 7th Biennial Professional Development Conference. ASLTA. Charlotte, NC. 2-7 Jul. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Boling, Leisa, et al. "A New Frontier: American Sign Language e-Curriculum." Council of American Instructors of the Deaf Conference (CAID). National Technical Institute of the Deaf. Rochester, NY. 24-28 Jun. 2013. Conference Presentation. *

Christine Monikowski, Professor

Full Length Book: Monikowski, Christine and Elizabeth A. Winston. *Evolving Paradigms in Interpreting Education*. Washington, DC: Gallaudet University Press, 2013. Print.

Book Chapter: Monikowski, Christine. "The Academic's Dilemma: a Balanced and Integrated Career." *Evolving Paradigms in Interpreting Education*. Ed. Elizabeth A. Winston and Christine Monikowski. Washington, DC: Gallaudet University Press, 2013. 1-27. Print.

External Scholarly Fellowships:

4/20/2013 -

6/8/2013

U.S. Department of State and the J. William Fulbright Foreign Scholarship Board
Amount: \$15,000

*

Cynthia Sanders, Associate Professor

Invited Presentations/Keynotes: Newell, William, et al. "An Overview of ASL at Work." ASLTA pre Conference 2013. Dawn Sign Press. Charlotte, NC. 1 Jul. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Boling, Leisa, et al. "To Meet the Demands of a New Age: Innovative ASL e-Curriculum." 2013 American Sign Language Teacher Association's 7th Biennial Professional Development Conference. ASLTA. Charlotte, NC. 2-7 Jul. 2013. Conference Presentation. Δ



Uninvited Presentations: Sanders, Cynthia. "Application of Speech Act Theory to American Sign Language." NTID MSSE students. Deirdre Schlehofer. Rochester, NY. 2 May 2013. Lecture.

Invited Presentations/Keynotes: Boling, Leisa, et al. "A New Frontier: American Sign Language e-Curriculum (Poster)." Council of American Instructors of the Deaf Conference (CAID). National Technical Institute of the Deaf. Rochester, NY. 24-28 Jun. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Boling, Leisa, et al. "A New Frontier: American Sign Language e-Curriculum." Rosica Hall Research Festival. NTID/RIT. Rochester, NY. 13 Sep. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Sanders, Dr. Cynthia. "OH-I-SEE: Indirect Messages in American Sign Language (Poster Presentation)." Seed Funding Awardees (2012) Poster Session. Provost's Sponsored Research Services. Rochester, NY. 14 Nov. 2013. Conference Presentation. Δ

Deirdre Schlehofer, Assistant Professor

Journal Paper: McKee, M., D. Schlehofer, and D. Thew. "Ethical Issues in Conducting Research with Deaf Populations." *American Journal of Public Health* 103. 12 (2013): 2174-8. Web. * £

Invited Presentations/Keynotes: Schlehofer, Deirdre. "NTID's Interpreting Program." Sign Language Interpreters Program. National Center of Sign Language Education Community Sagano. Kyoto, JAPAN. 22 Feb. 2013. Guest Lecture.

Invited Presentations/Keynotes: Schlehofer, Deirdre. "History of Deaf Women's Studies in the United States." Japanese ASL Signers. Japanese ASL Signers Society (JASLSS). Tokyo, JAPAN. 2 Mar. 2013. Lecture.

Invited Presentations/Keynotes: Boling, L., et al. "A New Frontier: American Sign Language e-Curriculum." 2013 American Sign Language Teacher Association's 7th Biennial Professional Development Conference. ASLTA. Charlotte, NC. 2-7 Jul. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Schlehofer, Deirdre. "How to Teach Hearing Faculty Who Work with Deaf and Hard-of-Hearing Students: Faculty Staff Sign Language Program (FSSLP)." Faculty Meeting. The National University Corporation of Tsukuba University of Technology (NTUT). Tokyo, JAPAN. 27 Feb. 2013. Lecture.

Invited Presentations/Keynotes: Boling, L., et al. "To Meet the Demands of a New Age: Innovative ASL e-Curriculum (Poster)." Council of American Instructors of the Deaf Conference (CAID). National Technical Institute of the Deaf. Rochester, NY. 24-28 Jun. 2013. Conference Presentation.

Art and Imaging Studies

Frank Argento, Associate Professor

Shows/Exhibits/Installations: Argento, Frank. Camisole Girls. 17 Jan. 2013. Dyer Arts Center, National Technical Institute for the Deaf, Rochester Institute of Technology, Rochester, NY. Exhibit.

Shows/Exhibits/Installations: Argento, Frank. Art at the Jazzfest. 21 Jun. 2013. Rochester International Jazz Festival, Rochester Hotel & Conference Center, Rochester, NY. Exhibit.

Paula Grcevic, Professor

Shows/Exhibits/Installations: Grcevic, Paula. Sketching & Watercolor: Journal Style: Six Weeks. 21 Mar. 2013. Jane LaFazio, San Diego. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Imaginary Creatures: One Week Sketches. 14 Jan. 2013. Carla Soneheim Site, Seattle. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Faces 101: One Week Sketches. 6 Jan. 2013. Carla Soneheim Site, Seattle. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Squashes (call #193.9-5). Jan. 2013. The Sketchbook Project World 2013 Tour, Brooklyn. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Three Squashes. 17 Jan. 2013. Dyer Arts Center, National Technical Institute for the Deaf, Rochester Institute of Technology, Rochester. Exhibit.

Shows/Exhibits/Installations: Grcevic, Paula. "Tools", "Rowe Firehouse", "Rowe Conference Kitchen", "Shoe with Notes". 16 Jun. 2013. Rowe Center: Danny Gregory, Berkshires. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Sketching & Watercolor: a Mixed Media Journal: Six Weeks. 16 Jun. 2013. Jane LaFazio Site, San Diego. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. Lunaira. Jun. 2013. International Exhibition 6x6x2013, Rochester Contemporary Art Center, 137 East Avenue, Rochester. Exhibit.

Thomas Raco

Invited Presentations/Keynotes: Raco, Thomas. "Communication Challenges Facing Deaf People in the Workplace: What They Are and What You Can Do About Them." Hear My Voice - Understanding Hearing Loss. Kalimati Speech & Communication Center and Zayed University. Dubai, United Arab Emirates. 24 Apr. 2013. Conference Presentation. Δ

Kurt Stoskopf, Assistant Professor

Internal Reports/Manuscripts/Articles: Stoskopf, Kurt. A Portfolio Handbook [Ronald D. Dodge Memorial Grant]. Rochester: NTID, 10 Dec. 2013. Print.

Uninvited Presentations: Stoskopf, Kurt. "Graphic Storytelling as part of the Classroom Curriculum for Deaf Students." 2013 CAID National Conference. Convention of American Instructors of the Deaf. Rochester, NY. 27 Jun. 2013. Conference Presentation.

Invited Presentations/Keynotes: Stoskopf, Kurt. "If It Is To Be, It Is Up To Me." Camp Discovery Retreat. Texas School for the Deaf/Educational Resource Center on Deafness. Killeen, TX. 12 Apr. 2013. Keynote Speech.

ASL and Interpreter Education

Kim Kurz, Assistant Professor

Manuscripts Submitted for Publication: Kurz, K., et al. "Standards for Learning American Sign Language (ASL) in the 21st Century." In Press. TS - typescript (typed). *

Invited Presentations/Keynotes: Kurz, Kim. "Applying the American Sign Language National Standards to Interpreter Preparation Programs." Colorado Registry of Interpreters for the Deaf and Colorado American Sign Language Teachers Association Statewide Conference. . Colorado Springs, CO. 13 Apr. 2013. Keynote Speech.

Campbell A McDermid

Invited Presentations/Keynotes: McDermid, Campbell. "Functional of Formal Message Equivalency in Educational Interpreting." Educational Services Support Personnel. ESSP. Rome, NY. 2 Nov. 2013. Conference Presentation. *

Invited Presentations/Keynotes: McDermid, Campbell. "A Pragmatic Model of Language Interpretation." Critical Link 7. Glendon College, York University. Toronto, Ontario. 18 Jun. 2013. Conference Presentation. * Δ

Invited Presentations/Keynotes: McDermid, Campbell. "Teaching English Articles Through ASL: A Bilingual Approach." California Educators of the Deaf and Hard of Hearing. Cal-Ed. Marina Del Rey, CA. 9 Mar. 2013. Conference Presentation. * Δ

Invited Presentations/Keynotes: McDermid, Campbell. "Bilingual Approach to Teaching English Articles." Convention of the American Instructors of the Deaf Conference. CAID. Rochester, NY. 28 Jun. 2013. Conference Presentation. * Δ

Invited Presentations/Keynotes: McDermid, Campbell. "Conceptualizing Message Equivalency and Fidelity: How Do Educational Interpreters Convey Meaning?" Convention of the American Instructors of the Deaf Conference. CAID. Rochester, New York. 28 Jun. 2013. Conference Presentation. *

Business Studies

Tracy H Magin

Uninvited Presentations: Magin, Tracy, et al. "Dynamic E-Portfolios: Have It Your Way." NBEA Annual Convention. National Business Education Association. Atlanta, GA. 16 Apr. 2013. Conference Presentation.

Kathleen Szczepanek, Assistant Professor

Invited Presentations/Keynotes: Szczepanek, Kathleen M. "How Student Feedback Helped Shape My Teaching--Early Term Feedback (ETF)." Council of the American Instructors of the Deaf 2013. National Technical Institute for the Deaf. Rochester, NY. 28 Jun. 2013. Conference Presentation. Δ

Charlotte L Thoms

Published Conference Proceedings: Thoms, Charlotte LV. "Maximizing the Blended Learning Curriculum by using the "Flipped Classroom" Approach in the Workplace." Proceedings of the International Conference on E-Learning in the Workplace. New York, NY: ICEWL, 2013. Web. *

Invited Presentations/Keynotes: Thoms, Charlotte LV. "Maximizing the Blended Learning Curriculum by using the "Flipped Classroom" Approach in the Workplace." International Conference on E-Learning in the Workplace. Columbia University. New York, New York. 13 Jun. 2013. Conference Presentation. *

Published Conference Proceedings: Thoms, Charlotte LV. "Is There a Pedagogical Connection Between Blended Learning and the Flipped Classroom?" Proceedings of the New Learning Technologies. Ed. Society of Applied Learning Technologies. Warrenton, VA: n.p., 2013. Web. *

Invited Presentations/Keynotes: Thoms, Charlotte LV. "Is There a Pedagogical Connection Between Blended Learning and the Flipped Classroom?" New Learning Technologies. Society of Applied Learning Technologies (SALT Conference). Orlando, FL. 6 Mar. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Thoms, Charlotte LV. "Enhancing the Blended Learning Curriculum Using the Flipped Classroom Approach and clickers to Produce a Dynamic Learning Environment for Deaf and Hard-of-hearing Students." Convention of American Instructors of the Deaf (CAID). National Technical Institute for the Deaf. Rochester, NY. 27 Jun. 2013. Conference Presentation. *

Communication Studies and Services

Linda Gottermeier, Associate Professor

Grants: Ting, Simon, et al (2012-2013). Using Social Media and Online Video Applications, with Added Peer Tutoring Support for Classroom and Lab-Based Instruction in Two-Year and Certificate CTE Program at NTID. Grant received/funded by Perkins VATAE, Perkins. *

Uninvited Presentations: Gottermeier, Linda. "Video Application to Enhance Learning for Deaf Students." CAID. NTID. Rochester, New York. 27 Jun. 2013. Lecture. *

Uninvited Presentations: Gottermeier, Linda and Wendy DiMatteo. "Sound Advice." Imagine RIT. RIT. Rochester, NY. 4 May 2013. Conference Presentation. *

Uninvited Presentations: Gottermeier, Linda, Joseph Valdez, and Kensie Channon. "Video Applications and Learning." Imagine RIT. RIT. Rochester, NY. 4 May 2013. Conference Presentation. *

Uninvited Presentations: Gottermeier, Linda and Bonnie Bastian. "What's APP-ening? Exploring Communication Apps." SCST. NTID. Rochester, NY. 12 Dec. 2013. Lecture. ~

Cultural & Creative Studies

Gerald S Argetsinger, Associate Professor

Shows/Exhibits/Installations: Argetsinger, Gerald S. Taming of the Shrew. Dir. Aaron Kelstone. 7 - 10 Dec. 2013. Panara Theatre, NTID/RIT, Rochester, NY. Performance. ~

Full Length Book: Argetsinger, Gerald S., Johnny Townsend, and Jeff Laver. "Latter-Gay Saints: An Anthology of Gay Mormon Fiction." Trade Paper ed. Maple Shade, NJ: Lethe Press, 2013. Print. ^

Full Length Book: Argetsinger, Gerald S. "The Unfortunate Courtship of Brian Tanner." Acting Edition ed. Salt Lake City, UT: Zion Book Works, 2013. Print. ^

Book Chapter: Perry, C. Michael. "Comic Acting Scene for Two Actors." "LDS Actor's SceneBook, Vol. 1." Ed. Gayanne Ramsden and Agnes Broberg. Salt Lake City, UT: Zion Book Works, 2013. 169-172. Print. ^

Erin Auble, Lecturer

Shows/Exhibits/Installations: Auble, Erin. "Taming of the Shrew". Dirs. Aaron Kelstone and Jerry Argetsinger. 7-10 Nov. 2013. Panara Theatre, Rochester, New York. Performance. ~

Shows/Exhibits/Installations: Auble, Erin. "Charlie and the Chocolate Factory". Dir. Jim Orr. May 2013. Panara Theatre, Rochester, New York. Performance.

Shows/Exhibits/Installations: Auble, Erin. AstroDance. By Manuela Campanelli, et al. n.d. Touring to Various Locations in the North East. Performance.

Joseph Bochner, Professor

Manuscripts Submitted for Publication: Bochner, Joe, Karen Doherty (Syracuse U.), and Wayne Garrison. "The NTID Speech Recognition Test: NSRT®." 15 Oct. 2013. TS - typescript (typed). *

Luane Haggerty, Senior Lecturer

Shows/Exhibits/Installations: Cox, Dangerous Signs, Carrie Fertig, Matthew. Echos of Languages Unheard. Dir. Luane Davis Haggerty Ph.D.. 24 & 25 Dec. 2013. Rochester's Multi-Use Community Cultural Center (MuCCC), Rochester, NY. Performance. Δ †



Invited Presentations/Keynotes: Haggerty, Luane Davis, et al. "Dangerous Signs." 2013 ASI Rally. BOCES, Southern Tier Independence Center. Syracuse, NY. 18 Apr. 2013. Conference Presentation. †

Shows/Exhibits/Installations: Cox, Matthew. Sound Exchange, Dangerous Signs. By Luane Davis Haggerty Ph.D and Matthew Cox. 14 Apr. 2013. Artisan Works, Rochester, NY. Performance.

Shows/Exhibits/Installations: Haggerty, Luane Davis. Dangerous Signs. Feb. 2013. Interborough Repertory Theater (IRT), Manhattan, NY. Performance. †

Shows/Exhibits/Installations: Haggerty, Luane Davis. Deaf Poetry Jam. 14 Feb. 2013. NTID Dyer Art Gallery, Rochester, NY. Performance. †

Shows/Exhibits/Installations: Haggerty, Luane Davis. Playing with Language. By Luane Davis Haggerty Ph.D. Jan. 2013. Strong Museum of Play, Rochester, NY. Performance. †

Invited Presentations/Keynotes: Haggerty, Luane Davis. "Off The Page and Into Our Hands - Using Personal Devices in the Classroom." C.A.I.D. NTID. Rochester, NY. 20 Jun. 2013. Conference Presentation. ^

Invited Presentations/Keynotes: Haggerty, Luane Davis. "Call Me! Using iPhones in the Classroom." Edtech Conference. Ithaca College. Ithaca, NY. 19 Apr. 2013. Conference Presentation. Δ

Journal Paper: Haggerty, Luane Davis. "Dangerous Signs: A Case Study in Deaf Leadership Styles." International Journal of Liberal Arts and Social Science 2. (2013): 125-156. Web. Δ

Shows/Exhibits/Installations: Haggerty, Luane Davis. Dangerous Signs. By Luane Davis Haggerty Ph.D. 21 & 27 Dec. 2013. The Little Theater - Rochester Fringe Festival, Rochester, NY. Performance. †

Invited Presentations/Keynotes: Haggerty, Luane Davis, et al. "Poetry Against Bullying : Dangerous Signs." American Sign Language Rally. BOCES, Lyons School District. Lyons, NY. 30 Sep. 2013. Conference Presentation. †

Shows/Exhibits/Installations: Haggerty, Luane Davis. Celebration of William "Dummy" Hoy. 9 Oct. 2013. Panara Theater NTID, Rochester, NY. Performance. †

Aaron W Kelstone

Shows/Exhibits/Installations: Kelstone, Aaron W. Taming of the Shrew. By Gerald Argetsinger. Nov. 2013. NTID Panara Theatre, Rochester. Performance. £

Engineering Studies

Dino J Laury (Lauria), Assistant Professor

Journal Paper: Laury, D. and A. Burns. "Doctoral-Granting Universities: Recommendation for the University of Texas at Austin's Fisher v. UT Austin Affirmative Action Case: A Group Analysis Project." Journal of Education Policy, Planning and Administration. Nov/Dec 2013 (2013): 20. Web. *

Information and Computing Studies

Karen Beiter, Assistant Professor

Published Conference Proceedings: Kushalnagar, Raja S., et al. "American Sign Language: Maximum Live Replay Speed." Proceedings of the Rehabilitation Engineering and Assistive Technology Society of North America 2013. Ed. RESNA. Bellevue, WA: n.p., Web. *

Grants: Beiter, Karen J. (2013-2014). Automatic Motion Tracking Cameras: Enhancing Video Recording Opportunities for Deaf/Hard of Hearing Students. Grant received/funded by Grant Writing Boot Camp, NTID/RIT.

Raja Kushalnagar, Assistant Professor

Published Conference Proceedings: Kushalnagar, Raja S., Walter S. Lasecki, and Jeffrey P. Bigham. "Captions Versus Transcripts for Online Video Content." Proceedings of the 10th International Cross-Disciplinary Conference on Web Accessibility (W4A), Rio De Janeiro, Brazil. Ed. ACM. New York, NY: ACM, Print. * £

Published Conference Proceedings: Kushalnagar, Raja S., David E. Lawrence, and Elissa M. Olsen. "A Transition Community for Deaf and Hard of Hearing Students in Information Technology Programs." Proceedings of the 14th conference on Information Technology Education and Research - SIGITE 2013. Ed. ACM. Orlando, FL: ACM, Print. * £

Published Conference Proceedings: Lasecki, Walter S., et al. "Legion Scribe: Real-Time Captioning by the Non-Experts." Proceedings of the 10th International Cross-Disciplinary Conference on Web Accessibility (W4A), Rio De Janeiro, Brazil. Ed. ACM. New York, NY: ACM, 2013. Print. * £

Published Conference Proceedings: Stanislow, Joseph S. and Raja S. Kushalnagar. "Adapting STEM Lectures for Culturally and Linguistically Diverse Classrooms." Proceedings of the Integrated STEM Education Conference (ISEC), 2013 IEEE, Princeton, NJ. Ed. IEEE. Princeton, NJ: IEEE, 2013. Print. * £

Published Game, Application or Software: Kushalnagar, Raja S. Accessible Viewing Device. Phone or Smart Device App. NTID. 2013.

David E Lawrence

Uninvited Presentations: Lawrence, David and James Mallory. "The Proven Value of a Technical Capstone Course." CAID. RIT. Rochester, NY. 28 Jun. 2013. Conference Presentation.

Uninvited Presentations: Lawrence, David and James Mallory. "The Proven Value of a Technical Capstone Course." NYSETA. NYSETA. Alfred, NY. 24 Oct. 2013. Conference Presentation.

Uninvited Presentations: Lawrence, David, Elissa Olsen, and Raja Kushalnagar. "A Transition Community for Deaf and Hard of Hearing Students in Information Technology Programs." SIGITE. ACM. Orlando, FL. 11 Oct. 2013. Conference Presentation.

Elissa M Olsen

Published Conference Proceedings: Kushalnagar, Raja S., David E. Lawrence, and Elissa M. Olsen. "Poster: A Transition Community for Deaf and Hard of Hearing Students in Information Technology Programs." Proceedings of the ACM Conference on IT Education / IT Research October 10-12, 2013 at Orlando, FL. Ed. Elissa M. Olsen, Raja S. Kushalnagar, and David E. Lawrence. Rochester, NY: n.p., Web. *

Joseph Stanislow, Assistant Professor

Published Conference Proceedings: Stanislow, Joseph S. and Raja S. Kushalnagar. "Adapting STEM Lectures for Culturally and Linguistically Diverse Classrooms." Proceedings of the 2013 IEEE Integrated STEM Education Conference (ISEC),. Ed. Joseph S. Stanislow and Raja S. Kushalnagar. Princeton, NJ: n.p., 2013. Web. *



Liberal Studies

Jessica Cuculick, Assistant Professor

Journal Paper: Chin, Nancy P., et al. "Deaf Mothers and Breastfeeding: Do Unique Features of Deaf Culture and Language Support Breastfeeding Success?" *Journal of Human Lactation* 29. 4 (2013): 564-571. Print. *

Kathleen Eilers-crandall, Associate Professor

Full Length Book: Eilers-crandall, Kathleen. *Reading About Thomas Alva Edison*. 2013 ed. Rochester, NY: NTID, 2013. Print.

Pamela Kincheloe, Associate Professor

Published Review: Kincheloe, Pamela. "Review." Rev. of *Design for Composition: Inspiration for Creative Visual and Multimodal Projects*, by Sohui Lee and Russell Carpenter. *Bedford St. Martin's* 11 Oct. 2013: TBA. Print.

Invited Presentations/Keynotes: Kincheloe, Pamela. "The Dactylology of Flying Words." Annual Meeting of the Modern Language Association. Modern Language Association. Boston, MA. 4 Jan. 2013. Conference Presentation. £

Shows/Exhibits/Installations: Kincheloe, Pamela. "Cultural Representations of Cochlear Implants". 20 Sep. 2013. Sebastian and Lenore Rosica Research Festival, Rochester. Exhibit.

Shows/Exhibits/Installations: Kincheloe, Pamela. "Deaf Journalism Project". By Andrea Hickerson. 20 Sep. 2013. Sebastian and Lenore Rosica Research Festival, Rochester. Exhibit.

Grants: Kincheloe, Pamela, Deborah Blizzard, and Susan Foster (2012-2014). *Cochlear Implant Technologies, Popular Culture, and the Search for Social Identity*. Grant received/funded by COLA/NTID Seed Grant Partnership, COLA/NTID.

Grants: Kincheloe, Pamela and Andrea Hickerson (2013-2014). *Journalistic Democracy: Issues in Accessibility for Deaf and Hearing Journalism Students*. Grant received/funded by COLA/NTID Seed Grant Partnership, COLA/NTID.

Eugene Lylak, Professor

Published Conference Proceedings: Lylak, Eugene. "Efficacy of Web-Based Vocabulary Instruction for Deaf College Students." *Proceedings of the American Educational Research Association (AERA)*. Ed. Eugene Lylak. San Francisco, CA: n.p., 2013. Web. *

John-Allen Payne, Associate Professor

Full Length Book: Payne, John-Allen. *Grammar Textbook for English-103*. 1st ed. Rochester, NY: National Technical Institute for the Deaf, 2013. Print. ~

Full Length Book: Payne, John-Allen. *Textbook for English-103*. 1st ed. Rochester, NY: National Technical Institute for the Deaf, 2013. Print. ~

Linda Rubel, Professor

Uninvited Presentations: A. Rubel, Linda and Rose Marie Toscano. "On the Periphery: Translingualism and Deaf Writers." *College English Association. CEA*. Savannah, GA. 28 Mar. 2013. Conference Presentation. *

Uninvited Presentations: Rubel, Linda A. and Rose Marie Toscano. "Enhancing Student Learning Through a Writing in the Disciplines Initiative." *CAID. NTID*. Rochester, NY. 24 Jun. 2013. Conference Presentation. *

Michael E Skyer

Invited Presentations/Keynotes: Samar, V.J., et al. "Adverse Childhood Conditions May Impair Deaf Adults? Cortical Attention Mechanisms: ERP Evidence." 25th Annual Association for Psychological Science Convention. Association for Psychological Science Convention. Washington,, DC. 23-6 May 2013. Conference Presentation.

Invited Presentations/Keynotes: Skyer, Michael. "Embracing the Visual Nature of Deaf Education." Council of American Instructors of the Deaf (CAID), "Best Practices in Deaf Education". Council of American Instructors of the Deaf (CAID). Rochester, NY. 24-8 Jun. 2013. Lecture.

Marilyn Walker, Assistant Professor

Published Review: Walker, Dr. Marilyn. "Book Review of Beleaguered Poets and Leftist Critics: Stevens, Cummings, Frost, and Williams in the 1930s." Rev. of Beleaguered Poets and Leftist Critics: Stevens, Cummings, Frost, and Williams in the 1930s, eds. Sherrie J. Tucker, Randal Maurice Jelks, and Milton A. Cohen. American Studies Jul. 2013: 70-71. Print. ~

Invited Presentations/Keynotes: Walker, Dr. Marilyn. "Major Themes in Antislavery Literature." Mrs. Miriam Lerner's Liberal Arts Core Team Event. RIT/NTID. Rochester, New York. 1 May 2013. Guest Lecture.

Liberal Studies - Research

Gerald Berent, Professor

Book Chapter: Berent, Gerald P. "Sign Language-spoken Language Bilingualism and the Derivation of Bimodally Mixed Sentences." The Handbook of Bilingualism and Multilingualism, Second Edition. Malden, MA: Wiley-Blackwell Publishing, 2013. 351-374. Print. £

Journal Paper: Berent, Gerald P., et al. "Deaf Students' Knowledge of Subtle Lexical Properties of Transitive and Intransitive English Verbs." American Annals of the Deaf 158. 3 (2013): 344-362. Print. *

Grants: Berent, Gerald P., et al (2013-2017). Deaf Learners' Lexical Acquisition of English Verbs and Their Component Properties. Grant received/funded by BCS Linguistics #1251342, National Science Foundation. ≠

Vincent J Samar, Associate Professor

Shows/Exhibits/Installations: Samar, Vincent J. Developing Psychometric and Brain Wave Technology for Diagnosing Attention Deficits in Deaf Adults. By Vincent J. Samar, et al. 11 Jun. 2013. Effective Access Technology Conference, Rochester, NY. Exhibit. Δ

Invited Presentations/Keynotes: Samar, Vincent, et al. "Low Childhood Socioeconomic Status is Associated with Attention Deficits in Deaf Adults." Effective Access Technology Conference. RIT. Rochester, New York. 11 Jun. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Samar, Vincent J., et al. "Adverse Childhood Conditions May Impair Deaf Adults' Cortical Attention Mechanisms: ERP Evidence." 25th Annual Convention of the Association for Psychological Science. Association for Psychological Science. Washington, DC. 26 May 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Parasnis, Ila and Vincent J. Samar. "Attention Deficit Scales for Adults-Sign Language Version: High Reliability and Item Validity." 25th Annual Convention of the Association for Psychological Science. Association for Psychological Science. Washington, DC. 26 May 2013. Conference Presentation. Δ



Invited Presentations/Keynotes: Roman, Gretchen and Vincent J. Samar. "A Survey of the Musculoskeletal Symptoms and the Importance of Ergonomic Awareness in Preventing Injury Among Video Interpreters." American Physical Therapy Association Meeting. American Physical Therapy Association. San Diego, CA. 21 Jan. 2013. Conference Presentation. Δ

Grants: Samar, Vincent J. (2013-2013). Health Literacy Survey Instrument-Sign Language Version, NTID Subcontract to Assessing Cardiovascular Risks in Deaf Adolescents Who Use Sign Language. Grant received/funded by The National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH). ≠

Grants: Samar, Vincent J. (2011-2013). Adolescent Cardiovascular Health Literacy Survey Project Media Development. Grant received/funded by The National Heart, Lung, and Blood Institute (NHLBI), DHHS.National Institutes of Health (NIH). ≠

Grants: Samar, Vincent J. (2013-2014). Young Peoples Cardiovascular Health Literacy Survey: Spoken Version. Grant received/funded by The National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH). ≠

Grants: DeCaro, James and Vincent J. Samar (2012-2013). National Center for Deaf Health Research - Year 4. Grant received/funded by Prevention Research Centers, Centers for Disease Control and Prevention. ≠

Grants: DeCaro, James and Vincent J. Samar (2013-2014). National Center for Deaf Health Research - Year 5. Grant received/funded by Prevention Research Centers, Centers for Disease Control and Prevention. ≠

Grants: Samar, Vincent J., et al (2012-2013). Diagnostic Brain Wave Technology for Identifying Young Adults with ADHD. Grant received/funded by Office of the Vice President for Research, RIT.

Shows/Exhibits/Installations: Samar, Vincent J. Developing Electrophysiological (EEG) and Psychometric Technology to Help Diagnose Deaf Adults with Attention Deficits. By Vincent J. Samar, et al. 16 Sep. 2013. Rosica Hall Research Fest - RIT, Rochester, NY. Exhibit. Δ

Shows/Exhibits/Installations: Samar, Vincent J. A Browser-based Instrument for Delivering Signed or Spoken Surveys in the Classroom or Over the Internet. By Vincent J. Samar, Poonam Waral, and Scott Smith. 16 Sep. 2013. Rosica Hall Research Fest - RIT, Rochester, NY. Exhibit. Δ

MSSE

Susan Lane-Outlaw, Assistant Professor

Journal Paper: Lange, Cheryl M., et al. "American Sign Language/English Bilingual Model: A Longitudinal Study of Academic Growth." Journal of Deaf Studies and Deaf Education 18. 4 (2013): 532-544. Print. «

Sara Schley, Associate Professor

Invited Presentations/Keynotes: Lane-Outlaw, Susan, Susan Foster, and Sara Schley. "Changing Educational Landscapes: Emerging Educational Models in Deaf Education and Preparing Future Teachers of the Deaf." ACE-DHH Annual Meeting. ACE-DHH. Santa Fe, NM. 23 Feb. 2013. Conference Presentation. *

Manuscripts Submitted for Publication: Schley, Sara. "Hendrick Hudson Board of Education v. Rowley." Jul. 2013. TS - typescript (typed). Δ

Carol De Filippo

Published Conference Proceedings: DeFilippo, Carol Lee and Marianne Gustafson. "Early-Term Student Feedback to Improve Teaching Effectiveness: Best Practices." Proceedings of the 30th Annual Academic Chairpersons Conference, San Antonio, February 2013. Ed. Kathryn Harth. Manhattan, KS: Kansas State University, Print. ~

Internal Reports/Manuscripts/Articles: DeFilippo, Carol and Catherine Clark. "Promoting Auditory Skill Development for Prelingually Deaf Adults through Intensive Training with Reduced Visual Speech Cues" [Capita Foundation]. St. Pete Beach, FL: Seventh International Adult Aural Rehabilitation Conference, 20 May 2013. Print. ~

Internal Reports/Manuscripts/Articles: DeFilippo, Carol and Miriam Santana. "Math Learning through Online Homework Helps by Deaf and Hard-of-Hearing Students" Rochester, NY: Convention of American Instructors of the Deaf, 13 Jun. 2013. Print. ~

Internal Reports/Manuscripts/Articles: Task-Force-on-Student-Ratings, Academic Affairs Committee. "A University-Wide System of Student Ratings of Teaching Effectiveness" [RIT Academic Affairs Committee of Academic Senate]. Rochester, NY: RIT Academic Affairs Committee, 21 Mar. 2013. Print.

Internal Reports/Manuscripts/Articles: Task-Force-on-Student-Ratings, Academic Affairs Committee. "Steps to Establishing an Effective System of Student Ratings: Academic Affairs Committee Supplemental Report" [RIT Academic Affairs Committee of Academic Senate]. Rochester, NY: RIT Academic Affairs Committee, 21 Mar. 2013. Print.

Internal Reports/Manuscripts/Articles:

Student-Ratings-Survey-Advisory-Group, NTID. "NTID SRS Advisory Group Initiative on Early-Term Feedback: Report of Activities" [NTID Academic Affairs]. Rochester, NY: NTID Student Ratings Survey (SRS) Advisory Group, 29 Mar. 2013. Print.

Ronald Kelly, Professor

Invited Presentations/Keynotes: Kelly, Ronald R. "Deaf College Graduates' Career Advancement Relative to Their Hearing Peers: Implications for Education." 2013 Annual Conference. Association of College Educators - Deaf & Hard of Hearing. Santa Fe, NM. 22 Feb. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Kelly, Ronald R. and Andrew B. Quagliata. "Deaf College Graduates' Career Outcomes: Is There a Glass Ceiling for Advancement Into Management?" 2013 Annual Meeting of the American Educational Research Association. Special Interest Group for Research on the Education of Deaf Persons. San Francisco, CA. 1 May 2013. Conference Presentation. *

Invited Presentations/Keynotes: Kelly, Ronald R. and Jordan L. Paradis. "Deaf College Graduates' Career Outcomes Relative to Their Hearing Peers?" 2013 Annual Conference of American Instructors of the Deaf. National Technical Institute for the Deaf. Rochester, NY. 28 Jun. 2013. Conference Presentation. *

Journal Paper: Foisack, Elsa, Claudia M. Pagliaro, and Ronald R. Kelly. "Matematikprestationer Och Elever Med Dövhet Eller Hörselnedsättning (Mathematics Achievement and Students with Deafness or Hearing Loss)." EDUCARE 1. (2013): 68-92. Print. *



Journal Paper: Berent, Gerald P., et al. "Deaf Students' Knowledge of Subtle Lexical Properties of Transitive and Intransitive English Verbs." *American Annals of the Deaf* 158. 3 (2013): 344-362. Print. *

Ila Parasnis, Professor

Invited Presentations/Keynotes: Parasnis, Ila. "Diversity and Multidimensional Deaf Identity: Implications for Deaf Education." ELMIS-ER 2013 International Congress on Special Education. Necmettin Erbakan University and the Ministry of National Education. Aksehir, Turkey. 20 Jun. 2013. Keynote Speech. Δ

Shows/Exhibits/Installations: Samar, Vincent. Developing Electrophysiological (EEG) and Psychometric Technology to Help Diagnose Deaf Adults with Attention Deficits. By Vincent J. Samar, et al. 20 Sep. 2013. Rosica Hall RIT, Rochester, NY. Exhibit. Δ

Shows/Exhibits/Installations: Samar, Vincent. Developing Psychometric and Brain Wave Technology for Diagnosing Attention Deficits in Deaf Adults. By Vincent J. Samar, et al. 11 Jun. 2013. Effective Access Technology Conference, Rochester, NY. Exhibit. Δ

Invited Presentations/Keynotes: Parasnis, Ila and Vincent J. Samar. "Attention Deficit Scales for Adults-Sign Language Version: High Reliability and Item Validity." The 25th Annual Association for Psychological Science Convention. Association for Psychological Science. Washington, DC. 26 May 2013. Conference Presentation. £

Invited Presentations/Keynotes: Tracey, Alianne and Ila Parasnis. "Reflections of the Teachers of the Deaf about Deaf Children's Identity Development." The 25th Annual Association for Psychological Science Convention. Association for Psychological Science. Washington, DC. 25 May 2013. Conference Presentation. £

Invited Presentations/Keynotes: Parasnis, Ila and Raghunath Rangasayee. "The Promise of Technology for Deaf Education." A CISCO Teleconference Regarding American and Indian Deaf Education. AYJ National Institute for the Hearing Handicapped. Mumbai, India. 8 Aug. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Parasnis, Ila and Vincent J. Samar. "A Reliable and Valid Sign Language Version of the Attention Deficit Scales for Adults." Effective Access Technology Conference. Rochester Institute of Technology. Rochester, NY. 11 Jun. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Parasnis, Ila. "Issues Related to the Empowerment of Deaf People: An Interdisciplinary Symposium." Professional Development Series. AYJ National Institute for the Hearing Handicapped. Mumbai, India. 7 Aug. 2013. Keynote Speech. Δ

Vincent J Samar, Associate Professor

Invited Presentations/Keynotes: Parasnis, Ila and Vincent J. Samar. "A Reliable and Valid Sign Language Version of the Attention Deficit Scales for Adults." Effective Access Technology Conference. RIT. Rochester, NY. 11 Jun. 2013. Conference Presentation. Δ

Michael Stinson, Professor

Published Conference Proceedings: Stinson, Michael. "Use of Tablet PCs and C-Print to Support Deaf and Hard-of-hearing Students in General Education Classes." Proceedings of the Conference of the Association of College Educators- Deaf/Hard of Hearing. Ed. J. Jameison. Santa Fe, New Mexico: n.p., 2013. Web. *

Published Conference Proceedings: Stinson, Michael, Lisa Elliot, and Pamela Francis. "Mobile Speech-to-text Services: An Accommodation in STEM Laboratory Courses." Proceedings of the Mobile Speech-to-text Services: An Accommodation in STEM Laboratory Courses. Ed. C. Muller. Baltimore, MD: Association of Higher Education and Disability, 2013. Web. £

Full Length Book: Stinson, Michael and Gerard Buckley. "New Beginnings: Acquiring and Living with a Cochlear Implant." 1st ed. Rochester, New York: RIT Press, 2013. Print. £

Book Chapter: Stinson, Michael and Gerard Buckley. "Introduction." "New Beginnings: Acquiring and Living with a Cochlear Implant." Ed. Michael Stinson and Gerard Buckley. Rochester, New York: RIT Press, 2013. Print. £

Book Chapter: Stinson, Michael and Gerard Buckley. "Cochlear Implants: Development, Impact, and Cultural Implications." "New Beginnings: Acquiring and Living with a Cochlear Implant." Ed. Michael Stinson and Gerard Buckley. Rochester, New York: RIT Press, 2013. Print. £

Book Chapter: Stinson, Michael and Gerard Buckley. "Overview." "New Beginnings: Acquiring and Living with a Cochlear Implant." Ed. Michael Stinson and Gerard Buckley. Rochester, NY: RIT Press, 2013. Print. £

Book Chapter: Stinson, Michael. "Better Than Ever: Communicating with My Cochlear Implant." "New Beginnings: Acquiring and Living with a Cochlear Implant." Ed. Michael Stinson and Gerard Buckley. Rochester, NY: RIT Press, 2013. Print. £

Office of the President

Lisa Elliot

Grants: Elliot, Lisa B, James J Decaro, and E William Clymer (2011-2016). Deaf STEM Community Alliance: Supporting Postsecondary Deaf and Hard-of-Hearing Students in Science, Technology, Engineering and Mathematics. Grant received/funded by Research in Disabilities Education, National Science Foundation. ≠

Journal Paper: Elliot, Lisa B., et al. "Creating a Virtual Academic Community for STEM students." Journal of Applied Research in Higher Education 5. 2 (2013): 173-188. Print. £

Invited Presentations/Keynotes: Stinson, Michael, Pamela Francis, and Lisa Elliot. "Mobile Speech-to-text Captioning Services: An Accommodation in STEM Laboratory Classes." Association on Higher Education and Disability Conference. AHEAD. Baltimore, MA. 10 Jul. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Elliot, Lisa B., et al. "Best Practices in Online Tutoring in STEM with the Deaf STEM Community Alliance Virtual Academic Community (VAC)." 2013 Convention of American Instructors of the Deaf National Conferenc. CAID. Rochester, NY. 27 Jun. 2013. Conference Presentation. *

Invited Presentations/Keynotes: Elliot, Lisa B. "The Deaf STEM Community Alliance: Who We Are and What We've Learned So Far." RDE Community of Practice. University of Washington. Seattle, WA. 9 Apr. 2013. Guest Lecture.

Invited Presentations/Keynotes: Elliot, Lisa B., et al. "Creating a Virtual Academic Community for Underrepresented Students in STEM." 2013 International Higher Education Teaching and Learning Conference. HETL. Orlando, FL. 14 Jan. 2013. Conference Presentation. *



Marc Marschark, Professor

Journal Paper: Marschark, Marc, et al. "Are Deaf Students Visual Learners?" *Learning and Individual Differences* 25. (2013): 156-162. Print. «

Journal Paper: Morrison, Carolyn, et al. "Deaf Students' Metacognitive Awareness in Reading and the Classroom." *European Journal of Special Needs Education* 28. (2013): 78-90. Print. «

Invited Presentations/Keynotes: Marschark, Marc. "How Deaf Children Learn." First International Conference on Education of the Deaf. Catholic University of Portugal. Lisbon, Portugal. 12 Oct. 2013. Keynote Speech. Δ

Full Length Book: Marschark, Marc and Peter Hauser. *How Deaf Children Learn: What Parents and Teachers Need to Know*. Chinese translation ed. Hong Kong, SAR, China: Hong Kong Association for the Deaf, 2013. Print.

Invited Presentations/Keynotes: Marschark, Marc. "Evidence-based Education for Deaf and Hard-of-Hearing Students." Annual Meeting Canadian Association of Educators of the Deaf and Hard of Hearing. CAEDHH. Winnipeg, Canada. 15 Feb. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Marschark, Marc. "What We Know and What We Think We Know about Language and Learning." Annual Meeting Canadian Association of Educators of the Deaf and Hard of Hearing. CAEDHH. Winnipeg, Canada. 15 Feb. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Marschark, Marc. "Educating Deaf Students: What We Know and What We Don't Know." Annual Meeting Conference of American Instructors of the Deaf. CAID. Rochester, NY. 27 Jun. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Marschark, Marc. "Research in Deaf Education: Are We Making Progress?" Royal Institute for Deaf and Blind Children Research Symposium. RIDBC. Brisbane, Australia. 3 Jul. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Marschark, Marc. "Myths and Misunderstandings in Educating Deaf Children: Access to Language and Learning." Australia New Zealand Conference of Educators of the Deaf. ANZCED. Brisbane, Australia. 6 Jul. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Marschark, Marc. "Educating Deaf Children (Who Are Not Hearing Children Who Can't Hear)." Australia New Zealand Conference of Educators of the Deaf. ANZCED. Brisbane, Australia. 7 Jul. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Marschark, Marc. "How Children Learn: Language and Cognitive Foundations." Renwick Centre Master Classes. RIDBC. Sydney, Australia. 11 Jul. 2013. Lecture. Δ

Invited Presentations/Keynotes: Marschark, Marc. "Teaching Deaf Children: What We Know and What We Don't Know." Renwick Centre Master Classes. RIDBC. Sydney, Australia. 9 Jul. 2013. Lecture. Δ

Invited Presentations/Keynotes: Marschark, Marc. "Language, Literacy, and Learning Deaf Education." 3rd International Workshop on Evidence-Based and User-Centered Technology. University of Trento. Trento, Italy. 16 Sep. 2013. Lecture. Δ

Science and Mathematics

Henry J Adler, Assistant Professor

Journal Paper: Song, Jae-Jin, et al. "WDR1 Expression in Normal and Noise-damaged Sprague-Dawley Rat Cochleae." *Journal of Comparative Neurology* 527. 7 (2013): 1470-1481. Print. £ ≠

Published Conference Proceedings: Grati, M'hamed, et al. "Localization of PDZD7 to the Stereocilia Ankle-link Associates this Scaffolding Protein with the Usher Syndrome Protein Network." *Proceedings of the 36th Annual Association for Research in Otolaryngology Midwinter Research Meeting - Baltimore, Maryland - February 16 - 20, 2013*. Ed. Association for Research in Otolaryngology. Baltimore, Maryland: Association for Research in Otolaryngology, 2013. Print. ≠

Published Conference Proceedings: Adler, Henry, et al. "Early Time Course of Gentamicin Uptake in Vestibular Cells after Systemic Administration." *Proceedings of the 9th Molecular Biology of Hearing & Deafness Conference - June 22- 25, 2013 - Palo Alto, California*. Ed. Stanford University. Palo Alto, California: Stanford University, 2013. Print. ≠

Invited Presentations/Keynotes: Adler, Henry J., et al. "Academia: Academics: Primarily Undergraduate Institutions." 6th Annual NIH Career Symposium. National Institutes of Health. Bethesda, MD. 14 May 2013. Conference Presentation.

Uninvited Presentations: Adler, Henry, et al. "Early Time Course of Gentamicin Uptake in Vestibular Cells After Systemic Administration." Rosica Hall Research Fest. NTID/YearOne. Rochester, NY. 20 Sep. 2013. Conference Presentation. ≠

Austin Gehret, Assistant Professor

Journal Paper: Gehret, Austin U. and Patricia M. Hinkle. "siRNA Screen Identifies the Phosphatase Acting on the G Protein- Coupled Thyrotropin-Releasing Hormone Receptor." *ACS Chemical Biology* 8. 3 (2013): 588-598. Print. *

Published Conference Proceedings: Blake, Kimbria Justine, et al. "A Phosphoglycolate Phosphatase from *Saccharomyces Cerevisiae*." *Proceedings of the Experimental Biology 2013*. Ed. Gerald Weissmann, MD. Boston, MA: FASEB J 27:806.6, 2013. Print. *

Invited Presentations/Keynotes: Elliot, Lisa B., et al. "Best Practices in Online Tutoring in STEM with the Deaf STEM Community Alliance Virtual Academic Community (VAC)." 2013 Convention of American Instructors of the Deaf National Conference. CAID. Rochester, NY. 27 Jun. 2013. Conference Presentation. *

Bonnie Jacob, Assistant Professor

Grants: Jacob, Bonnie (2013-2014). Center for Undergraduate Research in Mathematics Mini-grant. Grant received/funded by Center for Undergraduate Research in Mathematics Mini-grant, Center for Undergraduate Research in Mathematics and National Science Foundation.

Matthew Lynn, Assistant Professor

Internal Reports/Manuscripts/Articles: Lynn, Matthew A., et al. "Investigation of Strategies to Improve the Success of Deaf and Hard of Hearing Students Transitioning into Baccalaureate Studies in STEM Disciplines" [Research Center for Teaching and Learning]. Rochester: Various Rosica Hall events, 2013. Print.



Journal Paper: Miecznikowski, John R., et al. "Synthesis, Characterization, Density Functional Theory Calculations, and Activity of a Thione-Containing Tridentate NNN Zinc Pincer Complex Based on a Bis-Triazole Precursor." *Inorganica Chimica Acta* 394. (2013): 310-321. Print. ~

Uninvited Presentations: Miecznikowski, J. R., et al. "Syntheses, Characterization, and Density Functional Theory Calculations of Three- and Five-coordinate SNS Copper Complexes: Effect of Pincer Ligand on Coordination Geometry." 245th National Meeting of the American Chemical Society. American Chemical Society. New Orleans, LA. 9 Apr. 2013. Conference Presentation.

Todd Pagano, Associate Professor

Book Chapter: Pagano, Todd, et al. "On the Sustainability of Programs for Students with Disability: Observations and Practical Ideas." "From College to Careers ? Fostering Inclusion of Persons with Disabilities in Science, Technology, Engineering, and Mathematics (STEM) Careers." Ed. Brad Duerstock. Washington, DC: American Association for the Advancement of Science, 2013. N/A. Print. £

Full Length Book: Pagano, Todd and ACS Committee on Chemists with Disabilities. "Teaching Chemistry to Students with Disabilities." 4.1 ed. Washington, DC: American Chemical Society, 2013. Web. £

Journal Editor: Pagano, Todd and L.K. Quinsland, ed. *Journal of Science Education for Students with Disabilities (JSESD)*. Rochester: Science Educations for Students with Disabilities (SESD), 2013. Web. « £

Journal Paper: Smith, Susan B., Samantha A. DeSando, and Todd Pagano. "Value of Native and Invasive Fruit-Bearing Shrubs for Migrating Songbirds." *Northeast Naturalist* 20. 1 (2013): 171-184. Print. «

Grants: Robinson, Risa J. and Todd Pagano (2013-2015). Nicotine Emissions, Toxicity, and Addiction by Electronic Cigarettes. Grant received/funded by PAR-12-266 - Tobacco Control Regulatory Reserch - R21, NIH. ≠

Grants: Pagano, Todd, Annemarie D. Ross, and Susan B. Smith (2013-2014). Enhancing Technical Skills Related to Health Science and Sustainability Careers for Deaf and Hard-of-Hearing Laboratory Science Technology Students. Grant received/funded by VATEA, NYSED. ≠

Uninvited Presentations: Sankoh, Amie, et al. "Land Use and the Dissolved Organic Matter Profile of Subwatersheds Tributaries Supplying Conesus Lake." Rochester Section of the American Chemical Society Undergraduate Research Symposium. American Chemical Society. Brockport, NY. 27 Mar. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Ross, Annemarie D. and Todd Pagano. "Empowerment of Deaf and Hard-of-Hearing Scientists Through Education, Accommodations, and Inspiration." 245th ACS National Meeting. American Chemical Society. New Orleans, LA. 8 Apr. 2013. Keynote Speech. £

Invited Presentations/Keynotes: Smith, Susan B., et al. "Assessing the Nutritional Impact of Invasive Fruits on Migrating Songbirds." Northeast Natural History Conference. Northeast Natural History. Springfield, MA. 14 Apr. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Smith, Susan B., et al. "Comparison of the Nutritional and Antioxidant Properties of Native and Introduced Fruits." 245th ACS National Meeting. American Chemical Society. New Orleans, LA. 8 Apr. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Wink, Gloria, et al. "Environmental Applications of Total Phenol Content Measurements." 245th ACS National Meeting. American Chemical Society. New Orleans, LA. 8 Apr. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Pagano, Todd. "The Science of Passion and a Passion for (teaching) Science." TEDx Conference. TEDx Fluor City. Rochester, NY. 13 Feb. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Pagano, Todd. "The "Kinetics" of Student Success in STEM Fields." 2013 CAID National Conference. Convention of American Instructors of the Deaf. Rochester, NY. 24 Jun. 2013. Keynote Speech. Δ

Grants: Pagano, Todd and Susan B. Smith (2012-2013). Instrumentation for Broadening High-Tech Career Opportunities for Deaf and Hard-of-Hearing Laboratory Science Technology Students. Grant received/funded by VATEA, NYSED. ≠

Grants: Pagano, Todd (2012-2013). Dreyfus Foundation Support for LST Students. Grant received/funded by Dreyfus Foundation, Dreyfus Foundation. ≠

Vicki Robinson, Associate Professor

Uninvited Presentations: Robinson, Vicki and James Mallory. "Using The Virtual World of Second Life To Teach Computer Hardware and Physics." 2013 CAID National Conference. Convention of American Instructors of the Deaf. Rochester, New York. 27 Jun. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Robinson, Vicki. "Teaching Physics In An Immersive 3D Environment." VWBPE: Beyond The Stage. Virtual Worlds Best Practices In Education. Online, NY. 25 Jul. 2013. Keynote Speech. Δ

Invited Presentations/Keynotes: Robinson, Vicki. "Teaching Physics To Deaf Students In An Immersive 3D Environment." 2013 International Disability Rights Affirmation Conference. Virtual Ability: Disability Community & Support in Virtual Worlds. Online, NY. 27 Sep. 2013. Conference Presentation. Δ

Invited Presentations/Keynotes: Robinson, Vicki. "Teaching Physics To Deaf Students In An Immersive 3D Environment." MIWoSE: Monthly International Workshop on Science Exhibits in online 3D Environment. MIWoSE: Monthly International Workshop on Science Exhibits in online 3D Environment. Online, NY. 9 Nov. 2013. Guest Lecture. Δ

Annemarie Ross, Assistant Professor

Grants: Pagano, Todd, Annemarie Ross, and Susan B Smith (2013-2014). Enhancing Technical Skills Related to Health Science and Sustainability Careers for Deaf and Hard-of-Hearing Laboratory Science Technology Students. Grant received/funded by VATEA, NYSED and SUNYRF.

Grants: Ross, Annemarie (2013-2013). The Dorothy and Moses Passer Education Fund. Grant received/funded by The Dorothy and Moses Passer Education Fund, American Chemical Society.

Grants: Lynn, Matthew, Sandra Connelly, and Annemarie Ross (2012-2014). Investigation of Strategies to Improve the Success of Deaf and Hard of Hearing Students Transitioning into Baccalaureate Studies in STEM Disciplines. Grant received/funded by Research Center for Teaching and Learning, NTID.

Full Length Book: Ross, Annemarie, et al. Teaching Chemistry to Students with Disabilities: A Manual for High Schools, Colleges and Graduate Programs. 4.1 ed. Washington, DC: American Chemical Society, 2013. Web.



Judged National/International Competition Award Winner: Ross, Annemarie D. American Chemical Society. Certificate of Environmental Merit Award. Indianapolis, IN, 2013.

Uninvited Presentations: Sankoh, Amie, et al. "Land Use and the Dissolved Organic Matter Profile of Subwatersheds Tributaries Supplying Conesus Lake." Rochester Section of the American Chemical Society's Undergraduate Research Symposium. SUNY Brockport. Brockport, New York. 27 Apr. 2013. Conference Presentation. £ †

Uninvited Presentations: Ross, Annemarie D. and Susan B. Smith. "An Undergraduate Research Program for Deaf and Hard-of-Hearing Students." 44th ACS Western Regional Meeting. American Chemical Society. Santa Clara, CA. 5 Oct. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Ross, Annemarie D. "Pedagogical Benefits of the New ACS Climate Change Toolkit for Deaf and Hard-of-Hearing Laboratory Technology Students." ACS 246th National Meeting. American Chemical Society. Indianapolis, IN. 11 Sep. 2013. Conference Presentation. £

Uninvited Presentations: Ross, Annemarie D. "Value of the New ACS Climate Change Toolkit for Deaf and Hard-of-Hearing Laboratory Technology Students." 2nd Alfred State Sustainability Conference. Alfred State College. Alfred, NY. 8 Jun. 2013. Conference Presentation. £

Invited Presentations/Keynotes: Ross, Annemarie D. and Todd Pagano. "Empowerment of Deaf and Hard-of-Hearing Scientists Through Education, Accommodations, and Inspiration." 245th ACS National Meeting. American Chemical Society. New Orleans, LA. 8 Apr. 2013. Conference Presentation. £

Journal Editor: Pagano, Todd, L.K. Quinsland, and Annemarie D. Ross, ed. Journal of Science Education for Students with Disabilities(JSESD). Rochester: Science Education for Students with Disabilities (SESD), 2013. Web. « £

Journal Paper: Ross, Annemarie D. and Randy Yerrick. "What I Taught My STEM Professor About Teaching: What A Deaf Student Hears That Others Do Not." Advances in Engineering Education. (2013) Web. «

Grants: Ross, Annemarie D. (2013). ACS Education Associate Grant. Grant received/funded by Education Program, American Chemical Society. £

Sharron Webster, Lecturer

Invited Presentations/Keynotes: Webster, Sharron, Christopher Kurz, and Patricia Wink. "Immediate Feedback and Mathematics Learning." Council of American Instructors of the Deaf (CAID). Council of American Instructors of the Deaf (CAID). Rochester, NY. Jun. 2013. Conference Presentation.

Patricia Wink, Lecturer

Invited Presentations/Keynotes: Wink, Patricia, Sharron Webster, and Chris Kurz. "Immediate Feedback and Mathematics Learning." CAID Conference. NTID at RIT. Rochester, NY. 26 Jun. 2013. Lecture. Δ

Other

Degree Granting Units

American College of Management and Technology/
Croatia

Kevin Walker

Journal Paper: Walker, Joseph K., Marina Jeger, and Dragan Kopecki. "The Role of Perceived Abilities, Subjective Norm and Intentions in Entrepreneurial Activity." *The Journal of Entrepreneurship* 22. 2 (2013): 181-202. Print. *

Center for Multidisciplinary Studies

Cathryn R Leyland

Shows/Exhibits/Installations: Leyland, Cathryn. 23rd Annual Members Exhibition. 5 Dec. 2013. Rochester Contemporary Gallery, Rochester. Exhibit.

Shows/Exhibits/Installations: Leyland, Cathryn. 6x6 Annual Exhibit. Jun. 2013. Rochester Contemporary Gallery, Rochester. Exhibit.

Shows/Exhibits/Installations: Students, K-12. Digital Media Festival Judge. May 2013. Digital Media Festival Genesee Valley BOCES, Genesee NY. Performance.

Thomas Moran, Professor

Book Chapter: Moran, Tom. "High Falls." *Rochester Rewritten: Rochester in the Alternative*. Rochester, NY: R-SPEC Press, 2013. 104-112. Print. *

Journal Paper: Moran, Tom. "On the Third Day." *Brevity* 41. January (2013): 1. Web. *

Journal Paper: Moran, Tom. "Upstairs on Hennepin: Tom Sewell and the Bottega Gallery." *Minnesota History: The Quarterly of the Minnesota Historical Society* 63. No. 7 Fall (2013): 268-280. Print. *

RIT Dubai

Rizwan Tahir

Journal Paper: Rizwan, Tahir, and Azhar, Naheed. "The Adjustment Process of Female Repatriate Managers in Australian and New Zealand (ANZ) Companies." *Global Business Review* Vol. 14 No. 1. (2013): 155-167. Print.

Key for use with all citations

* Blind Peer Reviewed
« Double Blind Peer Reviewed

Δ Invited Paper
£ Refereed

˘ Non-Blind Peer Reviewed
^ Trade Publication

† RIT Student
≠ External Funding

RIZWAN TAHIR IS CURRENTLY AN ASSOCIATE PROFESSOR OF BUSINESS AT RIT DUBAI. PRIOR TO THAT, HE HAS HELD THE FACULTY POSITIONS AT THE UNIVERSITY OF AUCKLAND AND AUT UNIVERSITY IN NEW ZEALAND AND UNIVERSITY OF VAASA IN FINLAND. DR. TAHIR HAS OBTAINED HIS PH.D DEGREE IN INTERNATIONAL BUSINESS AT THE UNIVERSITY OF VASSA, FINLAND. HIS RESEARCH HAS BEEN PUBLISHED IN THE JOURNAL OF INTERNATIONAL CONSUMER MARKETING, EUROPEAN BUSINESS REVIEW, ASIAN BUSINESS & MANAGEMENT, JOURNAL OF GLOBAL BUSINESS ADVANCEMENT AND GLOBAL BUSINESS REVIEW.

Rizwan Tahir's academic research interests lies in the areas of foreign direct investment, internationalization and market entry strategies, international human resource management and businesses in Arab cultures. His earlier work focused on foreign investment related issues (e.g. location choices, timing of entry, ownership arrangements, joint venture arrangements including partner selection and performance in the cross-cultural context). Dr Tahir's PhD dissertation considered the FDI behavior of Finnish manufacturing firms in Asian countries. This research has been extended into comparative studies of FDI behavior of Finnish companies with Australian/New Zealand companies. It was found that antipodean companies tended to invest in countries with very high political stability, low cultural distance between host and home countries, low wage rates, and highly skilled labor.

Dr. Tahir more recent work has considered international issues in human resource management, particularly expatriation and repatriation of managers. When multinational companies send key staff overseas to manage what is typically large and strategic projects, how effective are they? When these managers return to their home countries, how easily are they re-assimilated into their company? His recent study of female repatriate managers in Australian and New Zealand (ANZ) companies, has recently been published in the *Global Business Review* highlighted those female repatriate managers in the ANZ companies returning home experienced great frustration in reintegrating with their parent companies. Their overseas experience and the knowledge they gained were neither valued nor used. Often those managers left their companies within a year or two, meaning that their international expertise and contacts were lost to the company. Without active policies to reintegrate expatriate managers, companies risk losing what are often their best and most visionary staff, as well as repeating over and over again fundamental mistakes in managing overseas subsidiaries. Dr. Tahir's current research looks at the experience of managers from the UAE, and those Australian and New Zealand expats working in the UAE in foreign companies. The results will help companies to apply best practice in this aspect of international HR management and cross-cultural management.

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Dubai

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