



NOVA TELKOM

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The newly constructed Golisano Institute for Sustainability is a state-of-the-art laboratory for scientific and experiential learning. From its construction to the teaching taking place inside, the LEED-platinum building emulates the innovative nature of our faculty, who bring their talents and focused dedication to our

campuses every day. From its “ultra” energy-efficient daily operations to its cutting edge collaborative research spaces and technology support labs, it stands as one of the most successful of its kind.

In the same token, this report serves to open the door to our faculty, whose

cumulative body of scholarship achievements continue to build upon RIT’s legacy through innovation and academic growth. The challenges they have overcome and the opportunities they embrace will be the driving force toward a more sustainable and prosperous future.

Message from the Provost



Jeremy Haefner
Provost and
Senior Vice President
Academic Affairs

The teacher/scholar model at RIT has never been stronger, thanks to the commitment of our faculty, who are engaged in research and scholarship which is changing the way we interact with each other and our world. As a result of their scholarship, faculty at RIT are bringing students to the forefront of global innovation, through professional publications, corporate partnerships and creative endeavors. Their research, which ranges from making our university and our communities more sustainable, to understanding the very fabric of our universe, engages students in ways which prepare them for our ever-changing world.

The global impact of RIT's research and scholarship cannot be understated. The advances our faculty are making in their fields address real-world challenges,

impact national and international industry, and develop new technologies which are improving and saving lives. Students who are engaged in these activities will go on to become engaged global citizens imbued with a passion for learning and discovery.

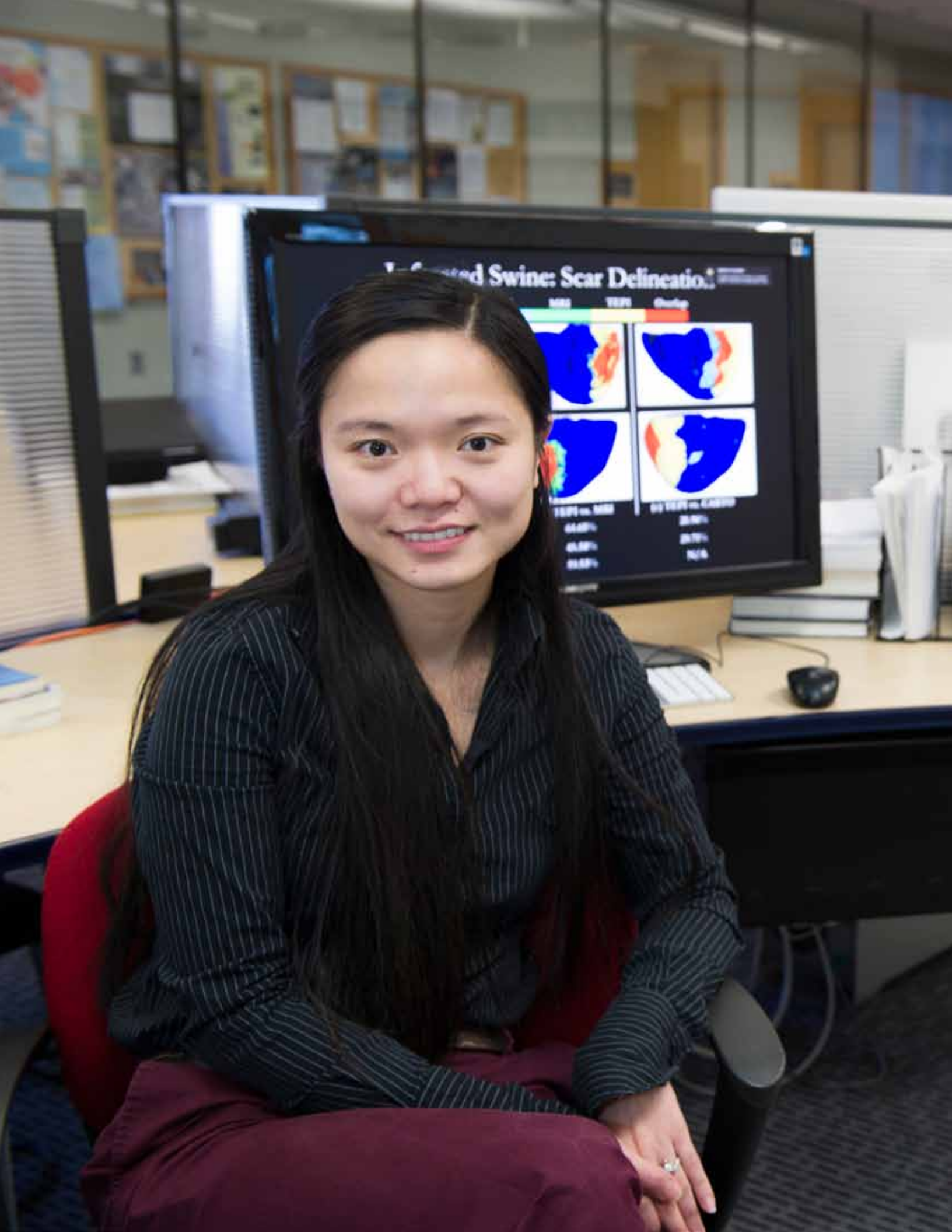
Most notably, our teacher/scholars are making this progress while adopting bold new models of teaching and learning. Innovation and entrepreneurship are not just things we teach, but concepts which are applied every day in our faculty's work to improve the educational experience for our students. We expect our students will go on to change the world; with the faculty at RIT they are able to do so before even graduating. It is with great pride that I present this report highlighting our faculty's scholarly achievements during 2012.

B. THOMAS GOLISANO COLLEGE OF

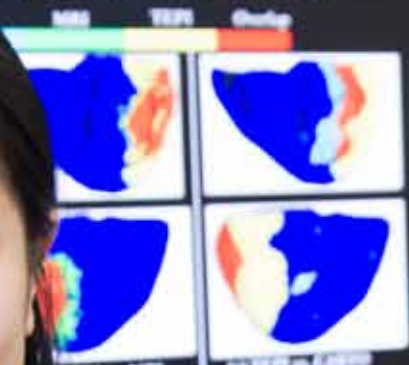
COMPUTING & INFORMATION SCIENCES







Vaccinated Swine: Scar Delineation.



TEPE vs. MMU 66 TEPE vs. CATTLE

66.0%	26.0%
65.0%	26.0%
66.0%	N/A



FEATURED FACULTY

LINWEI WANG IS AN ASSISTANT PROFESSOR IN THE PH.D. PROGRAM OF THE GOLISANO COLLEGE OF COMPUTING AND INFORMATION SCIENCES. HER RESEARCH FOCUSES ON THE PROMOTION OF INTEGRATED COMPUTATIONAL, MATHEMATICAL, AND ENGINEERING APPROACHES TO COMPUTATIONAL BIOMEDICINE.

Dr. Wang's lab is interested in the development of an interdisciplinary approach that combines mathematical modeling, system estimation theory and engineering approach, and numerical and computing methods to biomedical problems that are of significance for public health. A proof-of-concept of this philosophy focuses on the development of a novel computational imaging modality that uses noninvasive data to compute electrical propagation path deep beneath the surface of the heart and detects the associated structural / functional causes for arrhythmia.

Electrical waves of the heart spread three-dimensionally throughout the 3D muscle deep beneath the surface of the heart, yet the data available for analysis can only be collected either on our body surfaces (as non-invasive electrocardiograms) or heart surfaces (as invasive electrical maps collected by a catheter inserted in to the chamber of the heart). The inability to access bioelectrical data into the depth of the heart muscle has been the bottleneck to arrhythmia diagnosis and intervention in current practice.

Dr. Wang, along with colleagues, is among the pioneering groups worldwide to demonstrate the success in inferring 3D electrical pathways across the depth of the heart wall. With the initial successes, Dr. Wang along with her doctoral students and colleagues are now devoting their efforts in further pushing the development in the field of 3D electrical imaging, including developing new mathematical and computing methods to further improve the accuracy of the method, and optimizing the technique to reduce its complexity for future clinical translation. The laboratory has fostered collaborations with Johns Hopkins University School of Medicine, University of Rochester Medical Center, and Dalhousie University (Canada). The long-term success of this research has the potential to transform the clinical practice of arrhythmia management, and to drive scientific discoveries by enabling electromechanical analysis deep beneath the heart surface.

LINWEI WANG

ASSISTANT PROFESSOR

B. THOMAS GOLISANO COLLEGE OF COMPUTING &
INFORMATION SCIENCES

Computer Science

Hans-Peter Bischof, Professor

Published Conference

Proceedings: Bischof, H.-P. and SN. iddikov. "Scalable Cooperative Caching Algorithm Based on Bloom Filters." Proceedings of the The 18th International Conference on Parallel and Distributed Processing Techniques and Applications 2012. Ed. Hamid R. Arabnia. Las Vegas, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Bischof, H.-P. and L. Coy. "Make the Data Sing." Proceedings of the International Conference on Computer Graphics and Virtual Reality 2012. Ed. Hamid R. Arabnia. Las Vegas, NY: n.p., 2012. Print. *

Henry A Etlinger, Associate Professor

Journal Paper: Etlinger, Henry A. "Don't Overlook Homework Assignments - They're Simple, but Powerful." The National Teaching & Learning Forum Vol. 21. No. 4 (2012): 5-7. Web. Δ

Joe Geigel, Associate Professor

Published Conference

Proceedings: Sridharan, Srinivas, et al. "Drawing with the Eyes and Face." Proceedings of the ACM Symposium on Applied Perception (SAP '12). Ed. Rachel McDonnell and Veronica Sundstedt. New York, NY: ACM Press, 2012. Web. *

Xumin Liu, Associate Professor

Journal Paper: Salunke, Amit, Xumin Liu, and Mangeet Rege. "Constrained Co-Clustering with Non-Negative Matrix Factorisation." International Journal of Business Intelligence and Data Mining 7. 1/2 (2012): 60-79. Print. *

Journal Paper: Liu, Xumin and Hua Liu. "An Integrated Framework for Web Service Ontology Development." International Journal of Next-Generation Computing 3. 2 (2012): 21. Print. *

Published Conference

Proceedings: Li, Hui, Chunmei Liu, and Xumin Liu. "Collaboration Visualization on Large Dataset for Protein-protein Interaction Network." Proceedings of the 2012 IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology. Ed. Yonghong Peng. Diego, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Mishra, Sudipan, et al. "An Asynchronous Based Approach for Improving Concurrency Control in Mobile Web Servers." Proceedings of the The 8th International Conference on Collaborative Computing. Ed. Surya Nepal. Pittsburgh, PA: n.p., 2012. Print. *

Published Conference

Proceedings: Charif, Yasmine, et al. "Automating Reusable Workflow Development from Design to Instantiation." Proceedings of the IEEE Congress on Services (SERVICES 2012). Ed. Sherif Sakr. Honolulu, Hawaii: n.p., 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

Published Conference

Proceedings: Liu, Xumin and Hua Liu. "Automatic Abstract Service Generation from Web Service Communities." Proceedings of the IEEE International Conference on Web Services (ICWS 2012). Ed. Sherif Sakr. Honolulu, Hawaii: n.p., Print. *

Stanislaw Radziszowski, Professor

Journal Paper: Shetler, Daniel, Michael Wurtz, and Stanislaw Radziszowski. "On Some Multicolor Ramsey Numbers Involving K_{3+e} and K_{4-e} ." SIAM Journal on Discrete Mathematics 26. (2012): 1256-1264. Print. £

Published Conference

Proceedings: Lukowiak, Marcin, et al. "Developing an Applied, Security-Oriented Computing Curriculum." Proceedings of the Annual Conference of American Society for Engineering Education, June 2012. Ed. ASEE'2012. San Antonio, TX: n.p., Print. £

Journal Paper: Calvert, Jesse, Michael Schuster, and Stanislaw Radziszowski. "Computing the Ramsey Number $R(K_5-P_3, K_5)$." Journal of Combinatorial Mathematics and Combinatorial Computing 82. (2012): 131-140. Print. £

Published Conference

Proceedings: Alshehri, Suhair, Stanislaw Radziszowski, and Rajendra Raj. "Designing a Secure Cloud-Based EHR System Using Ciphertext-Policy Attribute-Based Encryption." Proceedings of the Data Management in the Cloud Workshop, April 2012. Ed. DMC'2012. Washington, DC: n.p., Print. £

Richard Zanibbi, Associate Professor

Journal Paper: Zanibbi, Richard and Dorothea Blostein. "Recognition and Retrieval of Mathematical Expressions." International Journal on Document Analysis and Recognition 15. 4 (2012): 331-357. Print. *

Published Conference

Proceedings: Cheng, Beibei, et al. "Proceedings of SPIE Volume 8297." Proceedings of the Document Recognition and Retrieval XIX. Ed. Christian Viard-Gaudin and Richard Zanibbi. San Francisco, CA: SPIE, 2012. Print. *

Published Conference

Proceedings: Sasarak, Christopher, et al. "Min: A Multimodal Web Interface for Math Search." Proceedings of the Symposium on Human-Computer Interaction and Information Retrieval. Ed. Robert Capra, et al. Cambridge, MA: n.p., 2012. Web. *

Published Conference

Proceedings: Hu, Lei, et al. "Baseline Extraction-driven Parsing of Handwritten Mathematical Expressions." Proceedings of the International Conference on Pattern Recognition. Ed. A. Del Bimbo, K.L. Boyer and K. Ikeuchi. Tsukuba Science City, Japan, NY: n.p., 2012. Print. *

Published Conference

Proceedings: LiVolsi, Robert, Richard Zanibbi, and Charles Bigelow. "Collecting Historical Font Metrics from Google Books." Proceedings of the International Conference on Pattern Recognition. Ed. A. Del Bimbo, K.L. Boyer, and K. Ikeuchi. Tsukuba Science City, Japan, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Schellenberg, Thomas, Bo Yuan, and Richard Zanibbi. "Layout-Based Substitution Tree Indexing and Retrieval for Mathematical Expressions." Proceedings of the Document Recognition and Retrieval XIX. Ed. Christian Viard-Gaudin and Richard Zanibbi. San Francisco, CA: n.p., 2012. Print. *

Invited Presentations/Keynotes:

Zanibbi, Richard. "Recent Developments in Math Recognition and Retrieval." Invited Talk, Dept. Computer Science. Lehigh University. Bethlehem, PA. 14 Mar. 2012. Guest Lecture.

Invited Presentations/Keynotes:

LiVolsi, Robert, Charles Bigelow, and Richard Zanibbi. "Google Books, Readability, and Culturomics." Reading Digital Symposium. RIT. Rochester, NY. 28 Apr. 2012. Conference Presentation.

Department of Computing Security

Daryl G Johnson, Associate Professor**Published Conference**

Proceedings: Johnson, Daryl, Dan Bogaard, and Robert Parody. "Browser Web Storage Vulnerability Investigation: HTML5 localStorage Object." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. *

Published Conference

Proceedings: Johnson, Daryl, et al. "Forensic Acquisition and Analysis of VMware Virtual Hard Disks." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. *

Published Conference

Proceedings: Johnson, Daryl, et al. "Employing Entropy in the Detection and Monitoring of Network Covert Channels." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "A Covert Channel Over Transport Layer Source Ports." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "A Physical Channel in a Digital World." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "A Covert Channel in TTL Field of DNS Packets." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "Covert Channel in the BitTorrent Tracker Protocol." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "Audio Steganography Using High Frequency Noise Introduction." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "UPnP Port Manipulation as a Covert Channel." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "Webpage Source Based Covert Channel." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, Brandon Mauer, and Bill Stackpole. "Developing Small Team-based Cyber Security Exercises." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "A Behavior Based Covert Channel within Anti-Virus Updates." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Published Conference

Proceedings: Johnson, Daryl, et al. "NAT Denial of Service: An Analysis of Translation Table Behavior on Multiple Platforms." Proceedings of the SAM'12 - The 2012 International Conference on Security and Management (Las Vegas, NV, USA, July 2012). Ed. Kevin Daimi and Hamid R. Arabnia. Las Vegas, NV: n.p., 2012. Print. ~

Sumita Mishra, Assistant Professor

Journal Paper: Tuncer, Hasan, Sumita Mishra, and Nirmala Shenoy. "A Survey of Identity and Handoff Management Approaches for the Future Internet." *Computer Communications - Elsevier* 36. 1 (2012): 63-79. Print. *

Published Conference

Proceedings: Pan, Yin, Sumita Mishra, Bo Yuan, Bill Stackpole, and David Schwartz. "Game-based Forensics Course For First Year Students." *Proceedings of the 13th Annual ACM Special Interest Group for Information Technology Education (SIGITE 2012)*. Ed. ACM. Calgary, Canada: n.p., 2012. Print. *

Published Conference

Proceedings: Tuncer, Hasan, et al. "A Novel User-centric Handoff Cost Framework Applied to the Virtual Mobility Domains and IPv6-based Mobility Protocols." *Proceedings of the IEEE Global Communications Conference (GLOBECOM 2012)*, Anaheim, CA. Ed. Z. Zhang. Anaheim, CA: IEEE, 2012. Print. *

Published Conference

Proceedings: Winemiller, Nathan, et al. "NAT Denial of Service: An Analysis of Translation Table Behavior on Multiple Platforms." *Proceedings of the The 2012 International Conference on Security and Management (SAM'12)*. Ed. G. Markowsky. Monte Carlo, NV: n.p., 2012. Print. *

Invited Presentations/Keynotes:

Mishra, Sumita. "iDAWG: Intelligent Deployable Augmented Wireless Gateway and Disaster Response." *The 2012 Joint Workshop on Disaster Response Presented by the Information Products Laboratory for Emergency Response & Center for Geohazards Studies. NSF Partnerships for Innovation (RIT and SUNY Buffalo)*. Rochester, NY. 31 May 2012. Conference Presentation. Δ

Yin Pan, Associate Professor

Published Conference Proceedings: Pan, Yin, et al. "Game-based Forensics Course For First Year Students." *Proceedings of the ACM SIGITE 2012*, October. Ed. ACM SIGITE. Calgary, Alberta: n.p., 2012. Print. «

Published Conference

Proceedings: Sanders, Aaron, et al. "Correlating Risk Findings to Quantify Risk." *Proceedings of the 4th IEEE International Conference on Information Privacy, Security, Risk and Trust*, September. Ed. Conference Proceeding. Amsterdam, Netherlands: n.p., 2012. Print. «

Published Conference

Proceedings: Hirwani, Manish, et al. "Forensics Acquisition and Analysis of VMware Virtual Hard Disks." *Proceedings of the the 2012 World Congress in Computer Science, Computer Engineering, and Applied Computing*. Albany, NY: n.p., 2012. Print. *

Bill Stackpole, Associate Professor**Published Conference**

Proceedings: Mauer, Brandon, William Stackpole, and Daryl Johnson. "Developing Small Team-based Cyber Security Exercises." Proceedings of the The 2012 International Conference on Security and Management. Las Vegas, NV: n.p., 2012. Web. *

Published Conference

Proceedings: Hirwani, M, et al. "Forensic Acquisition and Analysis of VM-ware Virtual Hard Disks." Proceedings of the The 2012 International Conference on Security and Management. Las Vegas, NV: n.p., 2012. Web. *

Published Conference

Proceedings: Pan, Yin, et al. "Game-based Forensics Course For First Year Students." Proceedings of the SIG ITE 2012. Calgary, Alberta, Canada: ACM 978-1-4503-1464-0/12/10, 2012. Web. *

Journal Paper: Alghamdi, Khaled, Tae Oh, and Bill Stackpole. "Bluetooth Security Lock for Android Smart Phone Platform." International Journal of Scientific and Engineering Research 3. 7 (2012): 2. Web. £

Published Conference

Proceedings: Gonzalez, Carlos, Bill Stackpole, and Tae Oh. "Anti-Spyware Analysis for iOS: An Evaluation of Current Security Products Available for iOS." Proceedings of the Annual Symposium on Information Assurance & Secure Knowledge Management. Albany, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Cummins, Emily, Bill Stackpole, and Tae Oh. "Blackberry Structure and Anti-Malware Analysis." Proceedings of the Annual Symposium on Information Assurance & Secure Knowledge Management. Albany, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Ramachandran, Rahul, Tae Oh, and William Stackpole. "Android Anti-Virus Analysis." Proceedings of the Annual Symposium on Information Assurance & Secure Knowledge Management. Albany, NY: n.p., 2012. Print. *

Kaiqi Xiong, Assistant Professor

Journal Paper: Xiong, K., et al. "Containing Bogus Packet Insertion Attacks for Broadcast Authentication in Sensor Networks." ACM Transactions on Sensor Networks (TOSN) 8. 3 (2012): 1-34. Print. £

Published Conference

Proceedings: Shetty, Sachin, Nicholas Luna, and Kaiqi Xiong. "Assessing Network Path Vulnerabilities for Secure Cloud Computing." Proceedings of the Proceedings of IEEE International Conference on Communications. Ed. Volker Distelrath. Ottawa, ON, Canada: n.p., 2012. Print. £

Journal Paper: Chen, Xiao, et al. "Improving the Localization Accuracy of Targets by Using their Spatial-temporal Relationships in Wireless Sensor Networks." J. Parallel Distrib. Comput. 72. 8 (2012): 1008-1018. Print. £

Published Conference

Proceedings: Xiong, Kaiqi and David J. Thunte. "Locating Jamming Attackers in Malicious Wireless Sensor Networks." Proceedings of the 31st IEEE International Performance Computing and Communications Conference. Ed. Song. Austin, TX: n.p., 2012. Print. £

Published Conference

Proceedings: Xiong, Kaiqi. "Energy-efficient Resource Management for QoS-guaranteed Computing Clusters." Proceedings of the MASCOTS. Ed. Kalyan Perumalla, et al. Washington, DC: n.p., 2012. Print. £

Published Conference

Proceedings: Xiong, Kaiqi. "The Performance of Public Key-Based Authentication Protocols." Proceedings of the Network and System Security - 6th International Conference. Ed. Li Xu, Elisa Bertino, Yi Mu. Wuyishan, China: n.p., 2012. Print. £

Bo Yuan, Associate Professor**Published Conference**

Proceedings: Schellenberg, Thomas, Bo Yuan, and Richard Zanibbi. "Layout-based Substitution Tree Indexing and Retrieval for Mathematical Expressions." Proceedings of the Document Recognition and Retrieval XIX. Ed. Christian Viard-Gaudin and Richard Zanibbi. Burlingame, California: Proc. SPIE 8297, 2012. Print. *

Information Sciences and Technologies**Dan Bogaard, Associate Professor**
Published Conference

Proceedings: Bogaard, Daniel, Daryl Johnson, and Robert Parody. "Browser Web Storage Vulnerability Investigation HTML5 localStorage Object." Proceedings of the The 2012 International Conference on Security and Management. Las Vegas, NV: n.p., 2012. Print. «

Christopher Egert, Associate Professor

Book Chapter: Barnes, Susan and Christopher Egert. "Space vs. Place." Socializing the Classroom: Social Networks and Online Learning. Ed. Barnes, Susan. Lanham, MD: Lexington Books, 2012. 35-53. Print.

Deborah Gears, Associate Professor

Journal Paper: Gears, Deborah A. "Corporate Wiki Conduct: A Study of Organizational Influences, Emotion, and Motivation." Journal of Leadership, Accountability and Ethics 9. 3 (2012): 75-85. Print. *

Shows/Exhibits/Installations:

Gears, Deborah A. Railway to Pro-social Crowdsourcing. 9 Jun. 2012. TEDx Flour City, Rochester. Performance. £

Invited Presentations/Keynotes:

Gears, Deborah A. "Conversations with a Data Modeler." Data Management & Information Quality Conference Europe 2012. IRM UK. London, England. 6 Nov. 2012. Conference Presentation. *

Bruce Hartpence, Associate Professor

Book Chapter: Hartpence, Bruce. "Internet Protocol Version 6." *The Packet Guide to Core Network Protocols*. Sebastopol, Ca: O'Reilly, 2012. 30. Print. ^

Full Length Book: Hartpence, Bruce. *The Packet Guide to Voice over IP Protocols*. first ed. Sebastopol, Ca: O'Reilly, 2012. Print. ^

Edward Holden, Associate Professor
Published Conference

Proceedings: Ph.D., Brian Tomaszewski, and Edward Holden. "The Geographic Information Science and Technology." *Proceedings of the SIGITE'12*, October 11-13, 2012, Calgary, Alberta, Canada. Ed. ACM. Calgary, Alberta, Canada: ACM, 2012. Web. *

Sharon Mason, Associate Professor
Published Conference

Proceedings: Marchetti, C, et al. "Perceived Levels of Faculty Value, Influence, and Satisfaction by Gender, Rank, Ethnicity, College, and Department at a Large Private University." *Proceedings of the 2012 ASEE Annual Conference and Exposition*. Ed. San Antonio, TX: n.p., 2012. Web. «

Invited Presentations/Keynotes:

Lewis, C, et al. "How You Can Make a Difference: Bootstrapping Efforts Toward Gender Balance, Birds of a Feather Presentation." 2012 Grace Hopper Celebration of Women in Computing Conference. The Anita Borg Institute. Baltimore, MD. 2-6 Oct. 2012. Conference Presentation. «

Invited Presentations/Keynotes:

Goodall, J., et al. "Are We There Yet? 21st Century Juggling of an Academic Career and Family Life, Birds of a Feather Presentation." 2012 Grace Hopper Celebration of Women in Computing Conference. Anita Borg Institute. Baltimore, MD. 2-6 Oct. 2012. Conference Presentation. «

Invited Presentations/Keynotes:

Bailey, M. and Marchetti, C., Mason, S. "Conversing on Diversity of Women Faculty: Women Faculty, Asset or Liability?" *American Association of University Women. American Association of University Women*. Rochester, NY. 28 Apr. 2012. Address. Δ

Judged National/International Competition Award Winner:

Bailey, M, et al. National Science Foundation. ADVANCE Institutional Transformation Grant: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers. Rochester, NY, 2012. « ≠

Judged National/International Competition Award Winner:

Mason, S. (PI) and Stackpole, W. (Co-PI). Department of Defense. Department of Defense Information Assurance Scholarship Program. Rochester, NY, 2012. ~ ≠

Tae Oh, Associate Professor

Published Conference

Proceedings: Oh, Tae, et al. "Best Practices for Android, Blackberry, and iOS." *Proceedings of the The First IEEE Workshop in enabling Technologies for Smartphone and Internet of Things 2012*. Ed. NA. Seoul, South Korea: n.p., 2012. Print. «

Published Conference

Proceedings: Ramachandran, Rahul, Tae Oh, and William Stackpole. "Android Anti-virus Analysis." Proceedings of the ASIA and SKM 2012. Ed. Sanjay Goel. Albany, New York: n.p., 2012. Print. «

Published Conference

Proceedings: Jeffery, Jaseem and Tae Oh. "Implementation of Security Encrytion in MANET Reactive Routing Protocols Using OPNET." Proceedings of the OPNETWORK 2012. Ed. OPNET. Washington DC, DC: n.p., 2012. Print. ~

Published Conference

Proceedings: Sun, Yu, Tae Oh, and Shinyoung Lim. "Feasibility Study of Emergency Siren Detection for Deaf and Hard of Hearing Using Android Platform." Proceedings of the UKC 2012. Ed. UKC. Los Angeles, CA: n.p., 2012. Print. Δ ~

Published Conference

Proceedings: Gonzalez, Carlos, William Stackpole, and Tae Oh. "Anti-Spyware Analysis for iOS." Proceedings of the ASIA and SKM 2012. Ed. ASIA. Albany, NY: n.p., 2012. Print. ~

Published Conference

Proceedings: Cummins, Emily, Bill Stackpole, and Tae Oh. "Blackberry Structure and Anti-Malware Analysis." Proceedings of the ASIA and SKM 2012. Ed. ASIA. Albany, NY: n.p., 2012. Print. ~

Invited Presentations/Keynotes:

Oh, Tae. "OPNET Modeler in Networking Courses at RIT." OPNETWORK 2012. OPNET. Washington DC, DC. 13 Aug. 2012. Conference Presentation. Δ

Published Conference

Proceedings: Kim, HyunGon, Tae Oh, and Young Choi. "Nomadic Device Based CRL Acquisition Method for Vehicular Networks." Proceedings of the 6th International Conference of Convergence and Hybrid Information Technology (ICHIT 2012). Ed. Springer. Daejeon, South Korea: n.p., 2012. Print. *

Evelyn Rozanski, Professor**Published Conference**

Proceedings: Yacci, Michael and Evelyn P. Rozanski. "Student Information Consumption Strategies: Implications of the Google Effect." Proceedings of the iConference 2012 February 7-10, 2012 Toronto, ON, Canada. Ed. ACM. New York, NY: ACM, Web. *

Published Conference

Proceedings: Yacci, Michael and Evelyn P. Rozanski. "Technology and Cognitive Load of the Student Task." Proceedings of the CHI '12 EA May 5-10, 2012 Austin, TX. Ed. ACM. New York, NY: ACM, Web. *

Brian Tomaszewski, Assistant Professor

Journal Paper: Arnold, Garth, et al. "GIS Modeling of Social Vulnerability in Burkina Faso." ArcUser 15. 1 (2012): 20-23. Print. ^

Published Conference

Proceedings: Bouchard, Beau and Brian Tomaszewski. "Automated GLIDE Number Resource Consolidation for Rapid Disaster Location Identification." Proceedings of the 9th International Conference of the International Association For The Study Of Information Systems For Crisis Response And Management (ISCRAM), Vancouver, Canada. Ed. Zeno Franco. Vancouver, Canada: n.p., 2012. Print. *

Published Game, Application or Software:

Vo, Minh Quang, Bouchard, Beau, and Brian Tomaszewski. Software. RIT. A Practical Approach to Mapping Job Growth in the GIS Industry. 2012. ^

Invited Presentations/Keynotes:

Tomaszewski, Brian. "Understanding Global Shock Impacts Through Natural Disasters: An Overview of the United Nations Global Pulse Rapid Impact and Vulnerability Analysis Fund (RIVAF) Project." American Association of Geographers Annual Conference. American Association of Geographers. New York, NY. 15 Feb. 2012. Conference Presentation.

Published Conference

Proceedings: Tomaszewski, Brian and Edward Holden. "The Geographic Information Science and Technology and Information Technology Bodies of Knowledge: An Ontological Alignment." Proceedings of the 13th Annual Conference on Information Technology Education, Calgary, Alberta, Canada. Ed. B. Lundt. Calgary, Canada: n.p., 2012. Web. *

Journal Paper: Tomaszewski, Brian and Alan MacEachren. "Geovisual Analytics to Support Crisis Management: Information Foraging for Geo-Historical Context." Information Visualization 11. 4 (2012): 339-359. Print. *

Invited Presentations/Keynotes:

Tomaszewski, Brian. "Locally Contextualizing Global Shocks." Coffee Hour series. Penn State Geography Department. State College, PA. 27 Nov. 2012. Keynote Speech.

Invited Presentations/Keynotes:

Tomaszewski, Brian. "The Rochester Institute of Technology: Opportunities for Collaboration." Guest Lecture Series. United Nations University Institute for Environment and Human Security (UNU-EHS). Bonn, Germany. 15 Jul. 2012. Guest Lecture.

Journal Editor: Tomaszewski, Brian, ed. Future Internet: Special Issue on Geovisual Analytics. Bern: MDPI, 2012. Web. ~

Journal Editor: Tomaszewski, Brian, Massimo Mecella, and Francisco Nobre, ed. Geographic Information Science and Technology and Crisis Management Special Paper Session for the 9th International ISCRAM Conference. Vancouver, Canada: n.p., 2012. Print. £

Shows/Exhibits/Installations:

Tomaszewski, Brian. Geographic Information Science and Technology Exhibit. 5 May 2012. ImagineRIT, Rochester, NY. Exhibit.

Shows/Exhibits/Installations:

Ziemke, Jen. Crowdsourced Data, Volunteer Activism and Crisis Mapping from a GIS Perspective. Dir. Brian Tomaszewski. 25 Apr. 2012. Rochester Institute of Technology, Rochester, NY. Performance.

Michael Yacci, Professor**Published Conference**

Proceedings: Yacci, Michael and Evelyn P. Rozanski. "Student Information Consumption Strategies: Implications of the Google Effect." Proceedings of the iConference 2012: Culture, Design, Society. Ed. iConference. Toronto, Canada: n.p., 2012. Print. *

Published Conference

Proceedings: Yacci, Michael and Evelyn P. Rozanski. "Technology and Cognitive Load of the Student-Task." Proceedings of the CHI '12 EA. Ed. CHI. Austin, TX: n.p., 2012. Print. *

Qi Yu, Assistant Professor

Journal Paper: Yu, Q. and A. Bouguettaya. "Multi-Attribute Optimization in Service Selection." World Wide Web Journal (WWWJ) 15. 1 (2012): 1-31. Print. * £

Journal Paper: Yu, Q. and J. Kang. "Integrating User Invocation Data and Extended Semantics for Service Community Discovery." International Journal of Next-Generation Computing (IJNGC) 3. 2 (2012): 1-19. Print. * £

Full Length Book: Liu, C., et al. 10th International Conference, IC-SOC 2012 Shanghai, China,. 10 ed. Shanghai, China: Springer, 2012. Print.

Published Conference

Proceedings: Yu, Q. "Decision Tree Learning from Incomplete QoS to Bootstrap Service Recommendation." Proceedings of the IEEE International Conference on Web Services (ICWS). Ed. Carole A. Goble, Peter P. Chen, and Jia Zhang. Honolulu, HI: IEEE, 2012. Print. * £

Published Conference

Proceedings: Yu, Q. "Sparse Functional Representation for Large-scale Service Clustering." Proceedings of the 10th International Conference on Service Oriented Computing (ICSOC 2012). Ed. C. Liu, et al. Shanghai, China: Springer, Print. * £

PhD Program**Justin Domke, Assistant Professor**

Journal Paper: Domke, Justin. "Generic Methods for Optimization-Based Modeling." Artificial Intelligence and Statistics 22. (2012): 318-326. Web. * « £

Fei Gao**Published Conference**

Proceedings: Gao, Fei, Huafeng Liu, and Pengcheng Shi. "Patient-Adaptive Lesion Metabolism Analysis by Dynamic PET Images." Proceedings of the Medical Image Computing and Computer Assisted Intervention (MICCAI), Nice, France, October, 2012. Ed. Nicholas Ayache, Herve Delingette, and Polina Golland. Heidelberg, Germany: Springer, Print. «

Published Conference

Proceedings: Xu, Jingjia, et al. "Localization of Sparse Transmural Excitation Stimuli from Surface Mapping." Proceedings of the Medical Image Computing and Computer Assisted Intervention (MICCAI), Nice, France, October, 2012. Ed. Nicholas Ayache, Herve Delingette, and Polina Golland. Heidelberg, Germany: Springer, Print. «

Journal Paper: Liu, Huafeng, et al. "Robust Framework for PET Image Reconstruction Incorporating System and Measurement Uncertainties." PLOS ONE 7. 3 (2012): 32224. Print. *

Published Conference

Proceedings: Gao, Fei, Huafeng Liu, and Pengcheng Shi. "Quantitative Analysis of Drug Metabolism by Dynamic PET Imaging Without Blood Sampling." Proceedings of the Annual Meeting of Society of Nuclear Medicine, Miami, FL, June, 2012. Ed. Journal of Nuclear Medicine, Meeting Abstracts. Reston, VA: Society of Nuclear Medicine, Print. *

Published Conference

Proceedings: Gao, Fei, Huafeng Liu, and Pengcheng Shi. "Improving Lesion Detectability with Disturbed Blood Sampling by an Adaptive Model." Proceedings of the 98th Scientific Assembly and Annual Meeting of Radiological Society of North America. Ed. Radiological Society of North America. Chicago, IL: Radiological Society of North America, 2012. Web. *

Invited Presentations/Keynotes:

Gao, Fei and Pengcheng Shi. "Computational Image Analysis of Molecular Imaging." Tutorial on Modeling and Analysis of Molecular Imaging. Medical Image Computing and Computer Assisted Intervention (MICCAI). Nice, France. 6 Oct. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Gao, Fei and Kuangyu Shi. "Introduction to Clinical and Biological Applications." Tutorial on Modeling and Analysis of Molecular Imaging. Medical Image Computing and Computer Assisted Intervention (MICCAI). Nice, France. 6 Oct. 2012. Lecture. Δ

Anne Haake, Professor**Published Conference**

Proceedings: Womack, Kathryn, et al. "Disfluencies as Extra-Propositional Indicators of Cognitive Processing." Proceedings of the ExProM '12: Proceedings of Workshop on Extra-Propositional Aspect of Meaning in Computational Linguistics; 50th Ann. Meeting of the Assoc. for Computational Linguistics, 2012, Korea. Ed. Association for Computational Linguistics. Stroudsburg, PA: Association for Computational Linguistics, Web. «

Published Conference

Proceedings: McCoy, Wilson, et al. "Annotation Schemes to Encode Domain Knowledge in Medical Narratives." Proceedings of the Proceedings of the 6th Linguistic Annotation Workshop at the 50th Annual Meeting of the Assoc. for Computational Linguistics 2012, Jeju, Korea. Ed. Association for Computational Linguistics. Stroudsburg, PA: Association for Computational Linguistics, 2012. Web. «

Published Conference

Proceedings: McCoy, Wilson, et al. "A Linking Uncertainty in Physicians? Narratives to Diagnostic Correctness." Proceedings of the Proceedings of the Workshop on Extrapositional Aspect of Meaning in Computational Linguistics at the 50th Annual Meeting of the Assoc. for Computational Linguistics 2012, Jeju, Korea. Ed. Association for Computational Linguistics. Stroudsburg, PA: Association for Computational Linguistics, 2012. Web. «

Published Conference

Proceedings: Li, Rui, et al. "Learning Eye Movement Patterns for Characterization of Perceptual Expertise." Proceedings of the Eye Tracking Research and Application (ETRA12). Ed. Association for Computing Machinery, Inc. New York, NY: Association for Computing Machinery, Inc., 2012. Web. «

Published Conference

Proceedings: Li, Rui, et al. "Learning Image-Derived Eye Movement Patterns for Characterization of Perceptual Expertise." Proceedings of the Proceedings of The Annual Meeting of the Cognitive Science Society CogSci12 Sapporo, Japan. Ed. Naomi Miyake, David Peebles and Richard P. Cooper. Austin, TX: Cognitive Science Society, 2012. Web. «

Wei Le, Assistant Professor**Invited Presentations/Keynotes:**

Le, Wei. "A Practical, Path-Based Framework for Detecting and Diagnosing Software Faults." Invited Talk @ Gramma Tech. Gramma Tech. Ithaca, NY. 5 Jun. 2012. Guest Lecture.

Published Conference

Proceedings: Le, Wei. "Segmented Symbolic Analysis." Proceedings of the International Conference for Software Engineering. Ed. Betty Chen. San Francisco, CA: n.p., Web. *

Huafeng Liu, Associate Professor

Journal Paper: Liu, Huafeng and Hongjie Hu, A. Sinusas, Pengcheng Shi. "An H Approach for Elasticity Properties Reconstruction." Medical Physics 39. 1 (2012): 475-482. Print. ~

Journal Paper: Yu, Fengchao and Huafeng Liu, Zhenghui Hu and Pengcheng Shi. "GPU Accelerated Particle Filter Framework for PET Image Reconstruction." Journal of the Optical Society of America A. 29. 4 (2012): 637-643. Print. ~

Journal Paper: Liu, Huafeng and S Wang, F Gao, Y Tian, Wufan Chen, Zhenghui Hu, Pengcheng Shi. "Robust Framework for PET Image Reconstruction Incorporating System and Measurement Uncertainties." PloS ONE. (2012): 32224. Web. ~

Journal Paper: Hu, Z and H Liu, P Shi. "Concurrent Bias Correction in Hemodynamic Data Assimilation." Medical Image Analysis 16. 7 (2012): 1456-1464. Print. ~

Journal Paper: Hu, Zhenghui and Cong Liu, Pengcheng Shi, Huafeng Liu. "Exploiting Magnetic Resonance Angiography Imaging Improves Model Estimation of BOLD Signal." PLoS ONE 7. 2 (2012): e31612. Web. ~

Journal Paper: Hu, Zhenghui and Pengyu Ni, Cong Liu, Xiaohu Zhao, Huafeng Liu and Pengcheng Shi. "Quantitative Evaluation of Activation State in Functional Brain Imaging." *Brain Topography* 25. 4 (2012): 362-373. Print. ~

Published Conference

Proceedings: Yu, Fengchao, Huafeng Liu, and Pengcheng Shi. "PET Image Reconstruction Based on Particle Filter Framework." *Proceedings of the IEEE Biomedical and Health Informatics*. Ed. IEEE. Shenzhen, Guangdong: n.p., 2012. Print. « Δ

Pengcheng Shi, Professor

Journal Paper: Liu, H., et al. "An H? Approach for Elasticity Properties Reconstruction." *Medical Physics* 39. 1 (2012): 475-481. Print. *

Journal Paper: Hu, Z., et al. "Exploiting Magnetic Resonance Angiography Imaging Improves Model Estimation of BOLD Signal." *PLoS One* 7. 2 (2012): e31612. Web. * £

Journal Paper: Liu, H., et al. "Robust Framework for PET Image Reconstruction Incorporating System and Measurement Uncertainties." *PLoS One* 7. 3 (2012): e32224. Web. * £

Journal Paper: Yu, F., et al. "GPU Accelerated Particle Filter Framework for PET Image Reconstruction." *Journal of the Optical Society of America A* 29. 4 (2012): 637-643. Print. * £

Journal Paper: Hu, Z., H. Liu, and P. Shi. "Concurrent Bias Correction in Hemodynamic Data Assimilation." *Medical Image Analysis* 16. 7 (2012): 1456-1464. Print. * £

Journal Paper: Hu, Z., et al. "Quantitative Evaluation of Activation State in Functional Brain Imaging." *Brain Topography* 25. 4 (2012): 362-373. Print. * £

Published Conference

Proceedings: Yu, F., H. Liu, and P. Shi. "PET Image Reconstruction Based on Particle Filter Framework." *Proceedings of the IEEE International Conference on Biomedical and Health Informatics (BHI)*, Hong Kong, January, 2012. Ed. Zhi-Pei Liang. New York, NY: IEEE, Print. «

Published Conference

Proceedings: Li, R., et al. "Learning Eye Movement Patterns for Characterization of Perceptual Expertise." *Proceedings of the ACM Eye Tracking Research and Applications*, Santa Barbara, California, March, 2012. Ed. Carlos Hitoshi Morimoto, et al. New York, NY: ACM, 2012. Print. *

Published Conference

Proceedings: Mao, H., et al. "Towards Integrated Personalization of Cardiac Electromechanics." *Proceedings of the IEEE International Symposium on Biomedical Imaging: Nano to Macro*, Barcelona, Spain, May, 2012. Ed. Alejandro Frangi, et al. New York, NY: IEEE, 2012. Print. * Δ

Published Conference

Proceedings: Camara, O., et al. "Integration of Different Cardiac Electrophysiological Models into A Single Simulation Pipeline." Proceedings of the IEEE International Symposium on Biomedical Imaging: Nano to Macro, Barcelona, Spain, May, 2012. Ed. Alejandro Frangi, et al. New York, NY: IEEE, 2012. Print. * Δ

Published Conference

Proceedings: McCoy, W., et al. "Annotation Schemes to Encode Domain Knowledge in Medical Narratives." Proceedings of the 6th ACL Linguistic Annotation Workshop, Jeju, Korea, July, 2012. Ed. Nancy Ide, Fei Xia. Stroudsburg, PA: ACL, Web. *

Published Conference

Proceedings: McCoy, W., et al. "Linking Uncertainty in Physicians? Narratives to Diagnostic Correctness." Proceedings of the Extra-Propositional Aspects of Meaning in Computational Linguistics, Jeju, Korea, July, 2012. Ed. Roser Morante, Caroline Sporleder. Stroudsburg, PA: ACL, Web. *

Published Conference

Proceedings: Womack, K., et al. "Disfluencies as Extra-Propositional Indicators of Cognitive Processing." Proceedings of the Extra-Propositional Aspects of Meaning in Computational Linguistics, Jeju, Korea, July, 2012. Ed. Roser Morante, Caroline Sporleder. Stroudsburg, PA: ACL, Web. *

Published Conference

Proceedings: Li, R., et al. "Learning Image-Derived Eye Movement Patterns to Characterize Perceptual Expertise." Proceedings of the 34th Annual Meeting of the Cognitive Science Society, Sapporo, Japan, August, 2012. Ed. Naomi Miyake, David Peebles, and Richard P Coope. Austin, TX: Cognitive Science Society, 2012. Web. «

Published Conference

Proceedings: Wong, K. C. L., et al. "Strain-Based Regional Nonlinear Cardiac Material Properties Estimation From Medical Images." Proceedings of the Medical Image Computing and Computer Assisted Intervention (MICCAI), Nice, France, October, 2012. Ed. Nicholas Ayache, et al. Berlin Heidelberg, Germany: Springer-Verlag, 2012. Print. «

Published Conference

Proceedings: Gao, F., H. Liu, and P. Shi. "Patient-Adaptive Lesion Metabolism Analysis by Dynamic PET Images." Proceedings of the Medical Image Computing and Computer Assisted Intervention (MICCAI), Nice, France, October, 2012. Ed. Nicholas Ayache, et al. Berlin Heidelberg, Germany: Springer-Verlag, 2012. Print. «

Published Conference

Proceedings: Preethi, V., et al. "Visuolinguistic Approach to Medical Image Understanding." Proceedings of the AMIA 2012 Annual Symposium, Chicago, November, 2012. Ed. William Hersh. Chicago, IL: AMIA, Web. *

Invited Presentations/Keynotes: Shi, Pengcheng. "Towards Integrated Personalization of Cardiac Electromechanics." IEEE International Symposium on Biomedical Imaging: Nano to Macro. IEEE. Barcelona, Spain. 5 May 2012. Lecture. *

Invited Presentations/Keynotes: Shi, Pengcheng and Fei Gao. "Computational Image Analysis in Molecular Imaging." Modeling and Analysis of Molecular Imaging. MICCAI. Nice, France. 5 Oct. 2012. Lecture.

Invited Presentations/Keynotes: Shi, Pengcheng. "From Image Data to Functional Personalization: An Integrative System Paradigm for Biomedical Imaging." Western New York Image Processing Workshop. IEEE. Rochester, NY. 9 Nov. 2012. Keynote Speech.

Invited Presentations/Keynotes: Shi, Pengcheng. "Personalized Noninvasive Imaging of Volumetric Cardiac Electrophysiology." Xerox Research Seminar. Xerox Research & Technology. Webster, NY. 22 Mar. 2012. Guest Lecture.

Journal Paper: Liu, H., P. Shi, and Y. Chen. "Integrative Approaches in Computational Biomedical Imaging." Computational and Mathematical Methods in Medicine 12. (2012): doi:10.1155/2012/162892. Web. Δ

Linwei Wang, Assistant Professor

Journal Paper: Wang, Linwei, et al. "Transmural Imaging of Ventricular Action Potentials and Post-Infarction Scars in Swine Hearts." IEEE Transactions on Medical Imaging. (2012): in press. Print. *

Journal Paper: Wang, Linwei. "Computational Reduction for Noninvasive Transmural Electrophysiological Imaging." Computers in Biology and Medicine. (2012): in press. Print. *

Journal Paper: Rahimi, Azar, Jingjia Xu, and Linwei Wang. "Impact of Local Variations in Ventricular Anatomical Models on Transmural Electrophysiological Imaging." Computing in Cardiology. (2012): 957-960. Print. «

Journal Paper: Wong, Ken CL, et al. "Strain-Based Regional Nonlinear Cardiac Material Properties Estimation from Medical Images." Medical Image Computing and Computer-Assisted Intervention. (2012): 617-624. Print. «

Journal Paper: Corrairie, Martin, Sonia Lopez, and Linwei Wang. "GPU Accelerations of Transmural Electrophysiological Imaging." Computing in Cardiology. (2012): 849-952. Print. «

Journal Paper: Wang, Linwei and Fady Dawoud. "Transmural Imaging of Ventricular Action Potentials and Post-Infarct Substrates in Porcine Hearts." Computing in Cardiology. (2012): 749-752. Print. «

Journal Paper: Mao, Hongda, et al. "Towards Integrated Noninvasive Personalization of Cardiac Electromechanics." IEEE International Symposium on Biomedical Imaging. (2012): 1430-1433. Print. *

Journal Paper: Camara, Oscar, et al. "Integration of Different Cardiac Electrophysiological Models into a Single Simulation Pipeline." IEEE International Symposium on Biomedical Imaging. (2012): 1429. Print. *

Chun Lok Wong, Visiting Assistant Professor

Journal Paper: Sermesant, Maxime, et al. "Patient-specific Electromechanical Models of the Heart for the prediction of pacing Acute Effects in CRT: A Preliminary Clinical Validation." Medical Image Analysis 16. 1 (2012): 201-215. Print. *

Published Conference

Proceedings: Wong, Ken C L, et al. "Strain-Based Regional Nonlinear Cardiac Material Properties Estimation From Medical Images." Proceedings of the International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI), Oct 1-5, 2012, Nice, France. Ed. Nicholas Ayache, et al. : Springer, 2012. Print. «

Published Conference

Proceedings: Mao, Hongda, et al. "Towards Integrated Noninvasive Personalization of Cardiac Electromechanics." Proceedings of the IEEE International Symposium on Biomedical Imaging (ISBI), May 2-5, 2012, Barcelona, Spain: IEEE, 2012. Print. «

Published Conference

Proceedings: Camara, Oscar, et al. "Integration of Different Cardiac Electrophysiological Models into A Single Simulation Pipeline." Proceedings of the IEEE International Symposium on Biomedical Imaging (ISBI), May 2-5, 2012, Barcelona, Spain. Ed. NA. NA, NA: IEEE, 2012. Print. «

School of Interactive Games and Media

Jessica Bayliss, Associate Professor

Published Conference

Proceedings: Bayliss, Jessica D. "Teaching Game AI through Minecraft Mods." Proceedings of the Games Innovation Conference (IGIC). Rochester, NY: IEEE, 2012. Print. *

Published Conference

Proceedings: Bayliss, Jessica D, et al. "Lazy Eye Shooter: a Novel Game Therapy for Visual Recovery in Adult Amblyopia." Proceedings of the Games Innovation Conference (IGIC). Rochester, NY: IEEE, 2012. Print. *

Published Game, Application or Software:

Bayliss, Jessica, et al. Game. RIT. Lazy Eye Shooter: a Novel Game Therapy for Amblyopia. 2012. ≠

Adrienne Decker, Assistant Professor

Published Conference

Proceedings: Simkins, David, Christopher Egert, and Adrienne Decker. "Evaluating Martha Madison: Developing Analytical Tools for Gauging the Breadth of Learning Facilitated by STEM Games." Proceedings of the 2012 IEEE International Games Innovation Conference. Ed. IEEE. Rochester, NY: n.p., 2012. Web. *

Published Conference

Proceedings: Decker, Adrienne, et al. "Technical Properties of Play: A Technical Analysis of Significant Properties for Video Game Preservation." Proceedings of the 2012 IEEE International Games Innovation Conference. Ed. IEEE. Rochester, NY: n.p., 2012. Web. *

Published Conference

Proceedings: Decker, Adrienne and Frances P. Trees. "Intro 3 Ways: An Introduction to Three Environments for Teaching Introductory Programming." Proceedings of the CCSC Eastern 2012. Ed. CCSC. Ewing, NJ: n.p., 2012. Print. *

Published Conference

Proceedings: Decker, Adrienne and Carl Alphonse. "Computer Science K-8: Building a Strong Foundation." Proceedings of the 4th Annual Western New York CSTA Fall Conference. Ed. WNY CSTA. Buffalo, NY: n.p., 2012. Web.

Christopher Egert, Associate Professor

Invited Presentations/Keynotes:

Egert, Christopher. "Just Press Play." NYSCIO Conference on Disruptive Technologies: Innovation and the New Reality. NYSCIO. Rochester, NY. 19 Jul. 2012. Conference Presentation.

Book Chapter:

Barnes, Susan and Christopher Egert. "Awareness and Notification." *Socializing the Classroom: Social Networks and Online Learning*. Lanham, MD: Lexington Books, 2012. 71-80. Print.

Published Conference

Proceedings: Decker, Adrienne, et al. "Technical Properties of Play: A Technical Analysis of Significant Properties for Video Game Preservation." Proceedings of the 2012 IEEE International Games Innovation Conference. Ed. Biles, John Al (Program Chair). Rochester, NY: IEEE, Web. *

Published Conference

Proceedings: Egert, Christopher, Elizabeth Goins, and Andrew Phelps. "Studying the Past by Playing the Future." Proceedings of the 2012 IEEE International Games Innovation Conference. Ed. John Al Biles. Rochester, NY: IEEE, 2012. Web. *

Published Conference

Proceedings: Simkins, David, Christopher Egert, and Adrienne Decker. "Evaluating Martha Madison: Developing Analytical Tools for Gauging the Breadth of Learning Facilitated by STEM Games." Proceedings of the 2012 IEEE International Games Innovation Conference. Ed. Biles John Al. Rochester, NY: IEEE, 2012. Web. *

Gordon I Goodman

Published Game, Application or Software: Goodman, Gordon, et al. Game. Memorial Art Gallery, University of Rochester. A Soldier's Story. 2012.

Published Game, Application or Software: Goodman, Gordon, et al. Game. Memorial Art Gallery, University of Rochester. A Night Before the Battle Scavenger Hunt. 2012.

Published Game, Application or Software: Goodman, Gordon, et al. Game. Memorial Art Gallery, University of Rochester. A Night Before the Battle Civil War Timeline. 2012.

W Michelle Harris, Associate Professor

Shows/Exhibits/Installations: Harris, W. Michelle. Reflection and Identity. By W. Michelle Harris and Michael Roman. 26 Feb. 2012. Community Folk Art Center, Syracuse, NY. Exhibit. ~

Jay Alan Jackson, Associate Professor

Shows/Exhibits/Installations: Jackson, Jay Alan. Bubble Drum-agog-ing: Polyrhythm Games & Other Inter Activities. 22 May 2012. 12th International Conference on New Interfaces for Musical Expression, Ann Arbor, MI. Exhibit. *

Shows/Exhibits/Installations: Jackson, Jay Alan. Syncopated Surfing Ring. 12-14 Jun. 2012. Games For Health 2012 - Exergaming Expo, Boston. Exhibit. Δ

Stephen Jacobs, Associate Professor

Published Conference

Proceedings: Jacobs, Stephen, Robert Rice, and Laurence Sugarman. "Creating MindGamers™: Building Communication, Design and Development Process with Clinicians, Game Faculty and Students." Proceedings of the Meaningful Play, October 18-20, 2012, East Lansing Michigan. Ed. Brian Winn. East Lansing, MI: n.p., Web. *

Invited Presentations/Keynotes:

Rice, Robert, Stephen Jacobs, and Laurence Sugarman. "Creating Mindgamers." Games for Health Europe. Games for Health Europe. Amsterdam, The Netherlands, NL. 5 Nov. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Jacobs, Stephen, Christopher Cassioli, and Michael Soupios. "Gaming the Campus." Meaningful Play. Meaningful Play. East Lansing, MI. 20 Oct. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Phelps, Andrew and Stephen Jacobs. "Just Press Play: A Unified Game Layer for Education." New Media Consortium Summer Conference. New Media Consortium. Boston, MA. 14 Jun. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Salcito, Anthony, Stephen Jacobs, and Lisa Perez. "Interactive Gaming and Student Achievement." SXSW EDU. SXSW. Austin, TX. 12 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Schull, Jon, Stephen Jacobs, and Carl Lundgren. "Bootstrapping Innovation Partnerships Between the Ivory Tower and Industry." ASEE Conference for Industry and Education Collaboration 2012. ASEE. Orlando, FL. 1 Feb. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Schull, Jon, et al. "The Sustainable University." Open 2012. NCIIA. San Francisco, CA. 22 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Vullo, Ron, Stephen Jacobs, and Kristine Vullo. "Quit for Life: The Video Game." American Medical Informatics Association 2012 Annual Symposium. American Medical Informatics Association. Chicago, IL. 3 Nov. 2012. Conference Presentation. *

Book Chapter: Barnes, Susan and Stephen Jacobs. "Chapter 4: Structure of Networking Communities." *Socializing the Classroom: Social Networks and Online Learning*. Pittsburgh, PA: Lexington Books, 2012. 35-53. Print. Δ

Book Chapter: Jacobs, Stephen. "The Neverhood." *Well Played 3.0*. Pittsburgh, PA: ETC Press, 2012. 41-50. Print. Δ

Invited Presentations/Keynotes: Jacobs, Stephen, Carl Lawrence, and Gabe Zichermann. "Gamification for Community Engagement and Volunteer Recruitment." Grassroots Game Conference. Philadelphia Game Lab. Philadelphia, PA. 24 Apr. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes: Jacobs, Stephen. "Video Games as Texts and Technologies." Texts and Technologies Lecture Series. University of Central Florida. Orlando, FL. 23 Jan. 2012. Guest Lecture. Δ

Steve Kurtz, Professor

Published Conference

Proceedings: Kurtz, Steve and Nancy Doubleday. "What's In Your Toybox?" Proceedings of the IEEE Consumer Electronics Society Games Innovation Conference. Ed. Biles. Rochester, NY: n.p., 2012. Print. «

Elizabeth Lawley, Professor

Published Conference

Proceedings: Shannon, Harris, et al. "The Role of Quantitative Assessment in Just Press Play: A Pervasive Game Addressing College Retention Issues and the Overall College Experience." Proceedings of the Games, Learning & Society Conference, Madison, WI, June 2012. Ed. Crystle Martin, Amanda Ochsner, and Kurt Squire. Pittsburgh, Pennsylvania: ETC Press, 2012. Print. *

Published Conference

Proceedings: Martinez, Ryan, et al. "Just Press Play: Design Implications for Gamifying the Undergraduate Experience." Proceedings of the Games, Learning & Society Conference, Madison, WI, June 2012. Ed. Crystle Martin, Amanda Ochsner, and Kurt Squire. Pittsburgh, Pennsylvania: ETC Press, 2012. Print. *

Invited Presentations/Keynotes:

Lawley, Elizabeth, Andrew Phelps, and Ryan Martinez. "This Is Not An Orientation: Gameful Layers for the Freshman Experience." GDC Education Summit. Game Developers Conference. San Francisco, CA. 6 Mar. 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Lawley, Elizabeth, Andrew Phelps, and Crystle Martin. "This Is Not An Orientation: Gameful Layers for the Freshman Experience." Digital Media & Learning Conference. Macarthur Foundation. San Francisco, CA. 2 Mar. 2012. Conference Presentation. £

Andrew Phelps, Professor**Invited Presentations/Keynotes:**

Flanagan, Mary and Andrew Phelps. "Games for Unlearning Biases and Stereotypes." 9th Annual Games for Change Festival. Games for Learning Institute. New York, NY. 19 Jun. 2012. Conference Presentation. £

Published Conference

Proceedings: Harris, Shannon, et al. "This is Not an Orientation: Gameful Layers for the Freshman Experience." Proceedings of the Games + Learning + Society 9.0. Ed. Crystle Martin, Amanda Oschner, Kurt Square. Pittsburgh, PA: ETC Press, 2012. Web. £ ≠

Published Conference

Proceedings: Harris, Shannon, et al. "Just Press Play: Design Implications for Gamifying the Undergraduate Experience." Proceedings of the Games + Learning + Society 8.0. Ed. Crystle Martin, Amanda Oschner, Kurt Square. Pittsburgh, PA: ETC Press, 2012. Web. *

Published Conference

Proceedings: Harris, Shannon, et al. "The Role of Quantitative Assessment in Just Press Play: A Pervasive Game Addressing College Retention Issues and the Overall College Experience." Proceedings of the Games + Learning + Society 8.0. Ed. Crystle Martin. Amanda Oschner, Kurt Squire. Pittsburgh, PA: ETC Press, 2012. Web. *

David Schwartz, Associate Professor

Book Chapter: Selinger, Evan, et al. "Using Sustainability Games to Elicit Moral Hypotheses From Scientists and Engineers." Rethinking Climate Change Research: Clean-Technology, Culture, and Communication. Ed. Jespersen Per Homann, Soren Riis, and Pernille Almlund. London, UK: Ashgate, 2012. 117-139. Print. * Δ

Published Conference

Proceedings: Critelli, Matt, David I. Schwartz, and Steven Gold. "Serious Social Games: Designing a Business Simulation Game." Proceedings of the Games Innovation Conference (IGIC). Ed. Al Biles. Rochester, NY: IEEE, 2012. Web. *

Published Conference

Proceedings: Pan, Yin, et al. "Game-based Forensics Course For First Year Students." Proceedings of the SIGITE 12, Proceedings of the 13th annual conference on David I. Schwartz Curriculum Vitae p. 3 of 20 Information technology education. Ed. ACM. NY, NY: ACM, 2012. Web. *

Invited Presentations/Keynotes:

Schwartz, David I. "Marketing Your Games." Rochester Sci-Fi Convention. Rochester Sci-Fi Convention. Rochester, NY. 22 Sep. 2012. Guest Lecture.

Published Game, Application or Software: Schwartz, David I., et al. Game. Facebook. StoreWorld. 2012. ~ † ≠

David W Simkins, Assistant Professor

Journal Paper: Simkins, David, Seann Dikkers, and Eliabeth Owens. "Unbroken Immersion." Well Played 2. 1 (2012): 13-25. Print. «

Published Conference Proceedings: Steinkuehler, Constance, Sean Duncan, and David Simkins. "Massively Multiplayer Online Games & Education: An Outline of Research." Proceedings of the Computer Supported Collaborative Learning. Ed. C Chinn, G Erkins, and S Putambekar. New Brunswick, NJ: Rutgers University, Print. *

Software Engineering

Stephanie Ludi, Associate Professor

Book Chapter: Ludi, Stephanie. "Educational Robotics and Broadening Participation in STEM for Underrepresented Student Groups." Robots in K-12 Education: A New Technology for Learning. Hershey, PA: IGI Global, 2012. 343-361. Print. *

Published Conference Proceedings: Ludi, Stephanie, et al. "Requirements Gathering for Assistive Technology that Includes Low Vision and Sighted Users." Proceedings of the Workshop on Usability and Accessibility focused Requirements Engineering, as part of the International Conference on Software Engineering; May, 2012 Zurich, Switzerland. Ed. Tiziana Catarci. New York, NY: ACM, Print. *

Published Conference Proceedings: Ludi, Stephanie, et al. "Designing a Multi-touch, Tablet-based Interface to Promote Lecture Navigation by Visually Impaired Students." Proceedings of the Workshop on Mobile Accessibility. San Francisco, California: n.p., 2012. Print. £

Michael J Lutz. Professor
Published Conference Proceedings: Lutz, Michael and Thomas Reichlmayr. "A Course for Developing Personal Software Engineering Competencies." Proceedings of the ASEE Annual Conference and Exposition. San Antonio, Texas: n.p., 2012. Web. £

Published Conference Proceedings: Lutz, Michael, et al. "Instilling a Software Engineering Mindset through Freshman Seminar." Proceedings of the Frontiers in Education Conference. Seattle, WA: n.p., 2012. Web. £

Kenn Martinez, Lecturer**Published Conference**

Proceedings: Martinez, Kenn, et al. "Instilling a Software Engineering Mindset through Freshman Seminar." Proceedings of the IEEE- Frontiers in Education. Ed. n/a. Seattle, Washington: n.p., 2012. Print. £

Andy Meneely, Assistant Professor

Journal Paper: Meneely, Andrew, Ben Smith, and Laurie Williams. "Validation Software Metrics: A Spectrum of Philosophies." ACM Transactions on Software Engineering and Methodology (TOSEM) 21. 4 (2012): 24-48. Web. * £

Published Conference

Proceedings: Meneely, Andrew, et al. "Developing an Applied, Security-Oriented Computing Curriculum." Proceedings of the American Society for Engineering Education. San Antonio, TX: n.p., 2012. Print. £

Published Conference

Proceedings: Meneely, Andrew and Oluyinka Williams. "Interactive Churn Metrics: Socio-Technical Variants of Code Churn." Proceedings of the Int'l Workshop on Software Quality. Raleigh, North Carolina: n.p., 2012. Print. £

Sarah Mittiga**Published Conference**

Proceedings: Lukowiak, Marcin, et al. "Developing an Applied, Security-Oriented Computing Curriculum." Proceedings of the 2012 ASEE Annual Conference, San Antonio, TX, June 2012. : n.p., 2012. Print. *

Tom Reichlmayr, Associate Professor**Published Conference**

Proceedings: Reichlmayer, Thomas J. and Michael Lutz. "A Course That Develops Personal Software Engineering Skills." Proceedings of the ASEE. Ed. ASEE. San Antonio, Texas: n.p., 2012. Web. £

Emad Shihab, Assistant Professor

Journal Paper: Shihab, Emad, et al. "Studying Re-opened Bugs in Open Source Software." Empirical Software Engineering. (2012): 1-38. Print. £

Published Conference

Proceedings: Shihab, Emad, et al. "An Industrial Study on the Risk of Software Changes." Proceedings of the ACM SIGSOFT Symposium on The Foundations of Software Engineering (FSE 2012). Ed. Tefvik Bultan and Martin Robillard. Cary, North Carolina: n.p., 2012. Print. £

Published Conference

Proceedings: Shihab, Emad, Yasutaka Kamei, and Pamela Bhattacharya. "Mining Challenge 2012: The Android Platform." Proceedings of the Working Conference on Mining Software Repositories. Ed. Massimiliano Di Penta and Tao Xie. Zurich, Switzerland: n.p., 2012. Print. Δ

Published Conference

Proceedings: Shihab, Emad, Christian Bird, and Thomas Zimmermann. "The Effect of Branching Strategies on Software Quality." Proceedings of the ACM / IEEE International Symposium on Empirical Software Engineering and Measurement (ESEM). Ed. Martin Host and Emilia Mendes. Lund, Sweden: n.p., 2012. Print. £

Invited Presentations/Keynotes:

Shihab, Emad. "Using Analytics to Proactively Ensure the Quality of Software." Workshop on Software Analytics. CASCON. Markham, ON. 5 Nov. 2012. Conference Presentation.

James Vallino, Professor

Published Conference

Proceedings: Lutz, Michael J, et al. "Instilling a Software Engineering Mindset through Freshman Seminar." Proceedings of the 2012 Frontiers in Education Conference, Seattle, WA. Seattle, Washington: IEEE, 2012. Print. *



COLLEGE OF

APPLIED SCIENCE & TECHNOLOGY







FEATURED FACULTY

ROBERT D. GARRICK IS AN ASSOCIATE PROFESSOR IN THE SCHOOL OF ENGINEERING TECHNOLOGY WITHIN THE COLLEGE OF APPLIED SCIENCE AND TECHNOLOGY (CAST). HIS RESEARCH FOCUS IS INCREASING STUDENT ENGAGEMENT AND RETENTION USING A TECHNOLOGY RICH INTERACTIVE LEARNING ENVIRONMENT.

Dr. Garrick's laboratory is the classroom. He is interested in the interactive effects of ubiquitous digital technologies and modern pedagogical principles changing how we teach STEM concepts. These transformative components of interactive classroom technology and student centered teaching are re-defining our views of what it means to teach and learn in both synchronous and asynchronous learning environments. The key focus of Dr. Garrick's work is to purposely select learning environment technologies, immersive visualization, and collaborative software to create a more interactive and social learning environment.

Dr. Garrick's research has forged a fruitful collaboration with the University of Rochester Warner School of Education and faculty within the College of Applied Science and Technology, School of Engineering Technology and the Kate Gleason College of Engineering, Mechanical Engineering Department. The research group has found that the technology rich interactive learning environment (TRiLE) approach in the classroom helps students succeed in engineering science & engineering technology classes. The traditional lecture 'stand and deliver' or 'teaching by telling' approach, while commonly used, needs to be re-examined as a pedagogical method for introductory courses. These traditional teaching methods do not take advantage of current technology available to help students construct and internalize accurate understandings of fundamental engineering concepts through actively engaging with those concepts.

Overall, the research group has found that students with a lower GPA entering the courses and traditionally underrepresented groups in engineering perceived a greater benefit from this learning environment.

ROBERT D. GARRICK
ASSOCIATE PROFESSOR
COLLEGE OF APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Civil Engineering Technology,
Environmental Management & Safety

Amanda Bao, Assistant Professor

Published Conference

Proceedings: Bao, Yu and Andrew Rietz. "Numerical Modeling of Dynamic Soil-Structure Interaction in Bridges with HP Driven Piles." Proceedings of the Deep Foundation Institute 37th Annual Conference on Deep Foundations. Ed. Deep Foundation Institute. Houston, TX: n.p., 2012. Web. *

Published Conference

Proceedings: Bao, Yu, Andrew Rietz, and Steven Halewski. "3D Finite Element Modeling of Seismic Soil-Structure Interaction in Bridges." Proceedings of the Earthquake Engineering Research Institute (EERI) 2012 Annual Meeting/National Earthquake Conference. Ed. EERI. Memphis, TN: n.p., 2012. Web. *

Published Conference

Proceedings: Bao, Yu and Andrew Rietz. "Numerical Simulation and Centrifuge Modeling of Sand Liquefaction." Proceedings of the Earthquake Engineering Research Institute (EERI) 2012 Annual Meeting/National Earthquake Conference. Ed. EERI. Memphis, TN: n.p., 2012. Web. *

Invited Presentations/Keynotes:

Bao, Yu and Andrew Rietz. "3D Finite Element Modeling of Seismic Soil-Structure Interaction in Bridges." EERI 2012 Annual Meeting/National Earthquake Conference. Earthquake Engineering Research Institute. Memphis, TN. 12 Apr. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Bao, Yu and Andrew Rietz. "Numerical Modeling of Dynamic Soil-Structure Interaction in Bridges with HP Driven Piles." DFI 37th Annual Conference on Deep Foundations. Deep Foundation Institute. Houston, TX. 18 Oct. 2012. Conference Presentation. *

Todd Dunn, Associate Professor

Journal Paper: Dunn, Todd, Jennifer L. Schneider, and Richard Zigenfus. "Comparison of Thirty Green Building Projects Across the U.S.: Common Elements." International Journal of Facility Management 3. 1 (2012): 1-16. Web. «

Md Abdullah al Faruque, Assistant Professor

Journal Paper: Singha, Arindam, Md Abdullah Al Faruque, and Ram Balachandar. "Vortices and Large-Scale Structures in a Rough Open Channel Flow Subjected to Bed Suction and Injection." ASCE Journal of Engineering Mechanics 138. 5 (2012): 491-501. Print. «

Published Conference

Proceedings: Faruque, Md Abdullah Al and Ram Balachandar. "Effect of Seepage on the Reynolds Shear Stress of the Turbulent Bursting Events in Open Channel Flow." Proceedings of the 2012 Hydraulic Measurement & Experimental Methods Conference. Snowbird, UT: n.p., 2012. 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

Published Conference

Proceedings: Singha, Arindam, Md Abdullah Al Faruque, and Ram Balachandar. "Interaction of a Wall Jet With a Wake Flow-Vortex Statistics." Proceedings of the The 23rd International Congress of Theoretical and Applied Mechanics. Ed. Proceedings of The 23rd International Congress of Theoretical and Applied Mechanics. Beijing, China: n.p., 2012. Print. *

Josh Goldowitz, Professor**Invited Presentations/Keynotes:**

Goldowitz, Josh. "Guest Editorial: Fossil Fuel Addiction Must Be Broken." Sunday Editorial. Democrat & Chronicle. Rochester, NY. 25 Aug. 2012. Address.

Lisa L Greenwood, Lecturer

Journal Paper: Greenwood, Lisa, Joseph Rosenbeck, and Jason Scott. "The Role of the Environmental Manager in Advancing Environmental Sustainability and Social Responsibility in the Organization." Journal of Environmental Sustainability 2. 1 (2012): 59-73. Web. «

Frank Hanna, Associate Professor**Published Conference**

Proceedings: Hanna, Frank and Kate Komorowski. "Technology Enhances Learning Approach in College Studies." Proceedings of the 4th International Conference on Education, and New Learning Technology (EDULEARN 2012). Barcelona, Spain: EDULEARN, 2012. Print. ~

Published Conference

Proceedings: Hanna, Frank and John Morelli. "Effect of Technology on the Learning Process in Higher Education Schools." Proceedings of the 4th International Conference on Education, and New Learning Technology (EDULEARN 2012). Barcelona, Spain: EDULEARN 2012, 2012. Print. ~

Jeffrey W Rogers, Associate Professor**Published Conference**

Proceedings: Rogers, Jeffrey W. and Yixuan Li. "A Comparative Study of the Role of Hospitals within Regional Disaster Response and Recovery." Proceedings of the IFMA's World Workplace. Ed. Monica Grinage Cooper. San Antonio, TX: n.p., 2012. Web. Δ

Joseph Rosenbeck, Professor

Journal Paper: Greenwood, Lisa, Joseph Rosenbeck, and Jason Scott. "The Role of the Environmental Manager in Advancing Environmental Sustainability and Social Responsibility in the Organization." Journal of Environmental Sustainability 2. 1 (2012): 59-73. Web. «

Jennifer Schneider, Professor

Journal Paper: Long, M, et al. "Modelling Communication Network Effect on Emergency Evacuation Times: Public vs. Personal." International Journal of Business Continuity and Risk Management. Fall (2012). Print. *

Published Conference

Proceedings: Romanowski, C. and J. Schneider. "Critical Infrastructure Protection and Risk Analysis in the Mid- Sized City." Proceedings of the IEEE International Conference on Technologies for Homeland Security Nov. 13-15, 2012 Boston, MA. Ed. I. Solbelman. Boston, MA: IEEE, 2012. Print. «

Invited Presentations/Keynotes:

Schneider, J. "Community COOP Risk Analysis." FEMA Continuity of Operations Strategic Planning Conference. FEMA. Rochester, NY. 26 Jul. 2012. Conference Presentation. Δ

Journal Paper: Schneider, J., A. Wilson, and J. Rosenbeck. "Pharmaceutical Companies & Sustainability: An Analysis of Corporate Reporting." Benchmarking, An International Journal. Spring (2012). Web. *

Invited Presentations/Keynotes:

Schneider, J. "Recommendations of the NY Respond Subcommittee: Principles & Practice." NYS Ready & Respond Commissions. NYS Governor's Office and NYU. New York, NY. 11 Dec. 2012. Address. £

Scott B Wolcott, Professor

Journal Paper: Wolcott, Scott B. and Michael E. Long. "Use of Agent Based Modeling in an Ecological Conservation Context." RIThink Multidisciplinary Online Journal 2. (2012): 28-32. Web. ~

Dean's Office

Maureen S Valentine, Professor **Published Conference**

Proceedings: Valentine, Maureen, et al. "Perceived Levels of Faculty Value, Influence, and Satisfaction by Gender, Rank, Ethnicity, College, and Department at a Large Private University." Proceedings of the American Society of Engineering Educators. Washington, DC: n.p., 2012. Print. «

Harvey F Walker, Professor

Full Length Book: Walker, H. Fred, Donald Benbow, and Ahmad Elshenawy. The Certified Quality Technician. Second ed. Racine, WI: New Paradigm, 2012. Print.

Full Length Book: Walker, H. Fred, et al. The Certified Quality Inspector Handbook. Second ed. Milwaukee, WI: ASQ Quality Press, 2012. Print.

Department of Service Systems

John-Paul Hatala, Assistant Professor

Journal Paper: Hatala, John-Paul, Ed Holton, and Reid Bates. "A Revised Learning Transfer System Inventory (LTSI): Factorial Replication, Item Reduction and Validation." Human Resource Development International 15. 5 (2012): 549-569. Print. «

Published Conference

Proceedings: Hatala, John-Paul, et al. "Virtual Learning in the Workforce: Building a Roadmap for Organizational Impact." Proceedings of the 2012 Academy of Human Resource Development Conference. Denver, CO: n.p., Print. «

Published Conference

Proceedings: Hatala, John-Paul and Lee Hisey. "Career Coaching Competencies." Proceedings of the 2011 Academy of Human Resource Development Conference. Chicago, IL: n.p., Print. «

Invited Presentations/Keynotes:

Hatala, John-Paul. "Social Capital Opportunities Regarding Employment." Association of Municipal Employment Services Conference. Association of Municipal Employment Services. Chatham, Ontario. 24 Sep. 2012. Conference Presentation. ~

Invited Presentations/Keynotes:

Hatala, John-Paul. "Turning Social Capital into Social Income." OACDP Conference. Ontario Association of Career Development Practitioners. London, Ontario. 7 Jun. 2012. Keynote Speech.

Judged National/International Competition Award Winner:

Bailey, M, et al. National Science Foundation. ADVANCE Institutional Transformation Grant: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers. Rochester, NY, 2012. * « ≠

Jennifer Matic, Lecturer

Journal Paper: Matic, Jennifer and Besim Agusaj. "The Alignment of Hospitality Education with Industry Needs in Transitional Countries: The Case of Croatia." *Revista de Turism* 14. (2012): 19-27. Web. *

Bogdan Yamkovenko, Assistant Professor**Published Conference**

Proceedings: Yamkovenko, and Hatala. "Increasing Social Networks Through Learning Goal Orientation Key to Job Search Success?" Proceedings of the 13th International Conference on Human Resource Development Research and Practice Across Europe. Ed. Eduardo Tome. Lusiada, Portugal: Emerald Publishing, 2012. Print. « £

Judged National/International Competition Award Winner:

Yamkovenko, Bogdan. Nielsen/The Economist. The Economist-Nielsen Data Visualization Challenge. New York City, NY, 2012. £

Electrical, Computer & Telecommunications Engineering Technology

Miguel Bazdresch, Assistant Professor**Published Conference**

Proceedings: Bazdresch, Miguel. "Open Source, Simple, Concurrent Simulator for Education and Research." Proceedings of the 4th International Conference on Advances in System Simulation, November 18-23. Ed. Edward Williams, Paul Fishwick, and Chritoph Reinhart. Lisbon, Portugal: International Academy, Research, and Industry Association, 2012. Web. *

Jeanne Christman, Assistant Professor

Published Conference

Proceedings: Christman, Jeanne and Antonio Mondragon. "Hard Core vs. Soft Core: A Debate." Proceedings of the ASEE Annual Conference and Exposition. Ed. American Society For Engineering Education. San Antonio, TX: n.p., 2012. Web. *

Journal Paper: Christman, Jeanne. "The Case of the Burning Laptops." Journal of Case Studies 30. 1 (2012): 88-97. Web. ~

Clark G Hochgraf, Associate Professor

Journal Paper: Hochgraf, Clark G., et al. "Effect of Ultracapacitor-modified PHEV Protocol on Performance Degradation in Lithium-ion Cells." Journal of Power Sources. (2012): 5. Print. «

SungYoung Kim, Assistant Professor

Invited Presentations/Keynotes: Kim, Sungyoung, et al. "Workshop 1: Train Your Ear! Trend and the Future of Ear Training." AES (Audio Engineering Society) Japan Section Conference. AES Japan Section. Sendai, Japan. 10 Oct. 2012. Lecture.

Drew Maywar, Assistant Professor

Journal Paper: Baveja, P., et al. "Impact of Device Parameters on Thermal Performance of High-Speed Oxide-Confined 850-nm VCSELs." IEEE Journal of Quantum Electronics 48. (2012): 17-26. Print. * £ ≠

Journal Paper: Baveja, P., D. N. Maywar, and G. P. Agrawal. "Inter-band Four-Wave Mixing in Semiconductor Optical Amplifiers with ASE-Enhanced Gain Recovery." IEEE Journal of Selected Topics in Quantum Electronics 18. (2012): 899-908. Print. * £ ≠

Journal Paper: Xiao, Y., G. P. Agrawal, and D. N. Maywar. "Nonlinear Pulse Propagation: A Time-Transformation Approach." Optics Letters 37. (2012): 1271-1273. Print. * £ ≠

Journal Paper: Xiao, Y., D. N. Maywar, and G. P. Agrawal. "New Approach to Pulse Propagation in Nonlinear Dispersive Optical Media." Journal of the Optical Society of America B 29. (2012): 2958-2963. Print. * £ ≠

Published Conference

Proceedings: Xiao, Y., D. N. Maywar, and G. P. Agrawal. "A New Approach to Pulse Propagation in Nonlinear Optical Media." Proceedings of the Conference on Lasers and Electro-Optics (CLEO) 2012. Ed. Y. Iwasawa. San Jose, CA: n.p., Print. * ≠

Journal Editor: Asada, M., et al, ed. Japanese Journal of Applied Physics. Tokyo: Japan Society of Applied Physics, 2012. Print.

Antonio F Mondragon, Assistant Professor

Published Conference

Proceedings: Mondragon-Torres, Antonio F., et al. "Agile Embedded Systems Design Capstone Course: The MAVRK Experience." Proceedings of the Congreso Argentino de Sistemas Embebidos (CASE). Ed. CASE. Buenos Aires, Argentina: n.p., 2012. Print. *

Journal Paper: Romero-Aguirre, Eduardo, et al. "Full-Hardware Architectures for Data-Dependent Superimposed Training Channel Estimation." Journal of Signal Processing Systems. October (2012): 19. Print. *

Published Conference

Proceedings: Mondragon-Torres, Antonio F. and Jeanne W. Christman. "Hard Core vs. Soft Core: A Debate." Proceedings of the ASEE Annual Conference & Exposition. Ed. ASEE. San Antonio, TX: ASEE, 2012. Print. *

Published Conference

Proceedings: Mondragon-Torres, Antonio F. and Adriana Becker-Gomez. "So Many Educational Microcontroller Platforms, So Little Time!" Proceedings of the ASEE Annual Conference & Exposition. Ed. ASEE. San Antonio, TX: ASEE, 2012. Print. *

Book Chapter: Mondragon-Torres, Antonio F. "Hardware Implementation of Wireless Communications Algorithms." Wireless Communications. Ed. Ali Eksim. Rijeka, Croatia: InTech, 2012. 125-156. Print. *

Invited Presentations/Keynotes:

Mondragon-Torres, Antonio F. "FPGA and ASIC Design Methodologies." Workshop for M.Sc. and Ph.D. EE Students. CINVESTAV. Guadalajara, Mexico. 6 Aug. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Mondragon-Torres, Antonio F. "Hardware Implementation of Wireless Communication Algorithms." Rochester Engineering Symposium. Rochester Institute of Technology. Rochester, NY. 24 Apr. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Mondragon-Torres, Antonio F. "Agile Embedded Systems Design Capstone Course." NYSETA Fall 2012 Meeting. Rochester Institute of Technology. Rochester, NY. 25 Oct. 2012. Conference Presentation. *

External Scholarly Fellowships:

6/4/2012 -
8/24/2012
CINVESTAV
Amount: \$5,000
≠

Hospitality, Tourism, and Nutrition Management Department

Rick Lagiewski, Senior Lecturer

Published Conference

Proceedings: Lagiewski, Richard M., et al. "Outcomes of Off-Site Corporate Training and Lessons for Hospitality and Tourism Education Programs." Proceedings of the Tourism & Hospitality, Drivers of Transition. Ed. Jennifer Matic and Clint J. Wallington. Dubrovnik, Croatia: n.p., 2011. Web. «

Invited Presentations/Keynotes:

Lagiewski, Rick. "Exporting Hospitality & Tourism Education Abroad and its Influence On The Home Program Internationalization." Annual Research Conference. Edinburgh Napier University. Edinburgh, Scotland. 15-16 May 2012. Conference Presentation. £

Carol B Whitlock, Professor**Published Conference**

Proceedings: Whitlock, Carol B., et al. "Outcomes of Off-Site Corporate Training and Lessons for Hospitality and Tourism Education Programs." Proceedings of the 29th EuroCHRIE. Ed. Jennifer Matic and Clint J. Wallington. Dubrovnik, Croatia: n.p., 2011. Web. *

Manufacturing & Mechanical Engineering Technology / Packaging Science

Scott J Anson, Associate Professor**Published Conference**

Proceedings: Anson, Scott J. "How to Advance from a Manuscript Submitter to a Journal Article Author." Proceedings of the New York State Engineering Technology Association (NYSETA) - Fall 2012. Ed. James Malory and John Stratton. Rochester, NY: NYSETA, 2012. Web. *

Betsy Dell, Associate Professor**Published Conference**

Proceedings: Garrick, Robert, et al. "The Impact of a Technology Rich Environment with Active Learning Techniques on Engineering Education." Proceedings of the International Technology, Education and Development Conference. Ed. INTED 2012. Valencia, Spain: n.p., 2012. Web. «

Published Conference

Proceedings: Dell, Elizabeth, et al. "Using Mind Mapping to Influence Creativity and Innovation." Proceedings of the 2012 Conference for Industry and Education Collaboration (CIEC). Ed. American Society for Engineering Education. Orlando, FL: n.p., 2012. Web. «

Published Conference

Proceedings: Kim, Spencer, Elizabeth Dell, and Mario Castro-Cedeno. "Materials Education for Green Plastics Manufacturing Technology (GPMT)." Proceedings of the American Society for Engineering Education National Conference. Ed. ASEE. San Antonio, TX: n.p., 2012. Web. «

Invited Presentations/Keynotes:

Dell, Elizabeth. "Empowering Women in STEM Careers." Joint Meeting of Society of Women Engineers (Rochester Chapter) and American Association of University Women (Fairport Chapter). Society of Women Engineers (Rochester Chapter) and American Association of University Women (Fairport Chapter). Fairport, NY. 28 Nov. 2012. Keynote Speech. ~ ≠

Robert D Garrick, Associate Professor**Published Conference**

Proceedings: Dell, Elizabeth M., et al. "WE-IMPACT: Women in Engineering-Improving Program Assessment Tools for Outreach and Retention Programs." Proceedings of the 2011 American Society of Engineering Educators. Ed. Eugene F. Brown. Vancouver, BC, Canada: American Society of Engineering Educators, 2011. Print. «

Published Conference

Proceedings: Rock, Meghan M., et al. "Effectively Utilizing Local and Remote Thermo-Fluids Laboratory Experiments to Enhance Student Learning." Proceedings of the 2011 American Society of Engineering Educators. Ed. Asad Yousuf. Vancouver, BC, Canada: American Society of Engineering Educators, 2011. Print. «

Published Conference

Proceedings: Garrick, Robert D., Elizabeth Dell, and Larry A. Villasmil Urdaneta. "Tablet PCs - Digital Pen-based Technology Use and the Impact on Educating Engineers." Proceedings of the Edulearn 11 International Conference on Education and New Learning Technology. Ed. International Association of Technology, Education and Development (IATED). Barcelona, Spain: n.p., 2011. Print. «

Published Conference

Proceedings: Dell, Elizabeth M., et al. "Using Mind Mapping to Influence Creativity and Innovation." Proceedings of the 2012 Conference for Industry and Education Collaboration (CIEC), American Society for Engineering Education. Ed. ASEE. Orlando, FL: n.p., 2012. Print. «

Published Conference

Proceedings: Garrick, Robert D., et al. "The Impact of a Technology Rich Environment with Active Learning Techniques on Engineering Education." Proceedings of the 6th International Technology, Education and Development Conference INTED 2012. Ed. INTED. Valencia, Spain: n.p., 2012. Print. «

Published Conference

Proceedings: Garrick, Robert D. and Larry A. Villasmil Urdaneta. "Implementing a Virtual Laboratory for a Directed and Synchronous Student Learning Experience in Fluid Power." Proceedings of the American Society of Engineering Educators 119th Annual Conference & Exposition. Ed. ASEE. San Antonio, TX: n.p., 2012. Print. «

Journal Paper: LaCarte, Joseph, et al. "Modern Tools for Communication in Concurrent Engineering." The GSTF Journal of Engineering Technology (JET) 1. 1 (2012): 66-72. Print. «

Published Conference

Proceedings: Gautam, Amitabh, et al. "A Comparison of the Emissions from Gasoline vs. Compressed Natural Gas for an Electronic Fuel Injected Two Cylinder, Four-Stroke Engine." Proceedings of the SAE - 2012 Small Engine Technology Conference & Exhibition. Ed. SAE. Madison, WI: n.p., 2012. Print. «

Invited Presentations/Keynotes:

Garrick, Robert. "Creating Technology Rich Learning Environments for the Classroom." New York State Engineering Technology Association (NY-SETA). Rochester Institute of Technology. Rochester, NY. 25 Oct. 2012. Conference Presentation. « ≠

Changfeng Ge, Associate Professor

Journal Paper: Ge, Changfeng. "Application Of Wikis With Scaffolding Structure In Laboratory Reporting." American Journal of Engineering Education 3. 2 (2012): 89-104. Web. «

Journal Paper: Gao, Lu, Changfeng Ge, and Jennifer Schneider. "Microwave Susceptor Food Packaging." *Journal of Applied Packaging Research* 6. 3 (2012): 149-163. Print. «

Published Conference

Proceedings: Ge, Changfeng. "Development and Evaluation of the Phase-Change-Material-Filled Corrugated Board." *Proceedings of the ISTA Transport Packaging Forum*. Ed. Ed Church. Orlando, FL: ISTA, 2011. Web. ~

Published Conference

Proceedings: Ge, Changfeng, Marc Angortti, and Katie Banner. "Integrating Computer-Aided-Design and Evaluation Tools into the Design of Packaging Containers. Part 1-Graphics and Structure." *Proceedings of the 18th IAPRI World Packaging Conference*. Ed. Jay Singh. Lancaster, PA: DEStech Publications, 2011. Print. *

Full Length Book: Ge, Changfeng. *Package Structural & Mechanism Design with Solidworks 2012*. 2012 ed. Mission, KS: SDC Publications, 2012. Print. «

Daniel Goodwin, Professor

Published Conference

Proceedings: Goodwin, Daniel, et al. "Clamp Truck Handling Simulation in the Laboratory Environment with a Horizontal Compression Tester." *Proceedings of the 18th IAPRI World Packaging Conference*, 17 - 21 June 2012, California Polytechnic State University. Ed. Jay Singh. San Luis Obispo, CA: DEStech Publications, Inc., 2012. Print. Δ

James H Lee, Assistant Professor

Journal Paper: LaCarte, Joseph, et al. "Modern Tools for Communication in Concurrent Engineering." *GSTF Journal of Engineering Technology* 1. 1 (2012): 94-99. Print. «

Published Conference

Proceedings: Gautam, Amitabh, et al. "A Comparison of the Emissions from Gasoline Vs Compressed Natural Gas for an Electronic Fuel Injected Two Cylinder, Four-Stroke Engine." *Proceedings of the SAE Small Engine Technology Conference*, Milwaukee WI. Ed. SAE. Detroit, MI: Society of Automotive Engineers, 2012. Print. «

Kereilemang K Nthoiwa

Journal Paper: Khana, Mokwena (Nthoiwa) and Juming Tang. "Ethylene Vinyl Alcohol: Review of Barrier Properties for Packaging Shelf Stable Foods." *Critical Review in Food Science and Nutrition* 52. 7 (2012): 640-650. Web.

Journal Paper: Motlhanka, Daniel and Khana Nthoiwa. "Phytochemical Screening and Antioxidant Activity of *Cardiospermum Corindum* L Faux Persil from Botswana." *Journal of Pharmaceutical Research and Opinion* 2. 11 (2012): 184-487. Web.

Karen L Proctor, Professor

Invited Presentations/Keynotes:

Proctor, Karen. "Responsible Packaging by Design." RIT Chapter 918 of the Institute of Industrial Engineers Student Regional Conference. Institute of Industrial Engineers. Rochester, NY. 24 Mar. 2012. Conference Presentation.

Full Length Book: Proctor, Karen, et al. ISTA Responsible Packaging by Design. 1st ed. East Lansing, MI: ISTA, 2012. Web.

Alan D Raisanen, Assistant Professor

Journal Paper: Raisanen, Alan D., et al. "Simulation of Practical Single-Pixel Wire-Grid Polarizers for Super-pixel Stokes Vector Imaging Arrays." Optical Engineering 51. 1 (2012): 016201-1-016201-6. Print. * «

Manian Ramkumar, Professor

Published Conference

Proceedings: Ramkumar, S. Manian, Mathew Combs, and Satish Kandlikar. "Thermal Conductivity Performance Modeling and Characterization of a Novel Anisotropic Conductive Adhesive Used in Lead Free Electronics Packaging." Proceedings of the ASME International Mechanical Engineering Congress and Exposition. Ed. ASME. Houston, TX: ASME, 2012. Web. *

Published Conference

Proceedings: Ramkumar, Dr. S. Manian, et al. "Evaluation of a Novel Anisotropic Conductive Adhesive Shear under Multiple Tin-Lead and Lead-free Reflow Cycles for Package-on-Package (PoP) Assembly." Proceedings of the ASME International Mechanical Engineering Congress and Exposition. Ed. ASME. Houston, TX: ASME, 2012. Web. *

Published Conference

Proceedings: Ramkumar, Dr. S. Manian and Andrew Daya. "Influence of Alloy Combination and PCB Location on Package on Package (PoP) Component Assembly." Proceedings of the SMTA International Conference. Ed. SMTA. Orlando, FL: SMTA, 2012. Web. £

Journal Editor: Ramkumar, Dr. S. Manian, ed. Transactions on Component, Packaging and Manufacturing Technology. Washington DC: IEEE, 2012. Web. *

External Scholarly Fellowships:

9/3/2012 -
8/29/2014
NYS - DEC
Amount: \$308,132
≠

External Scholarly Fellowships:

9/1/2012 -
3/30/2013
NYS - DOL
Amount: \$49,524
≠

External Scholarly Fellowships:

9/1/2012 -
3/30/2013
NYS - DOL
Amount: \$42,650
≠

External Scholarly Fellowships:

10/1/2012 -
12/31/2012
Alstom Transport
Amount: \$15,000
≠

Larry U Villasmil, Assistant Professor

Journal Paper: LaCarte, Joseph, et al. "Modern Tools for Communication in Concurrent Engineering." GSTF Journal of Engineering Technology 1. (1) (2012): 66-72. Print. *

Published Conference

Proceedings: Gautam, Amitabh S., et al. "A Comparison of the Emissions from Gasoline vs. Compressed Natural Gas for an Electronic Fuel Injected Two Cylinder, Four-Stroke Engine." Proceedings of the SAE - 2012 Small Engine Technology Conference & Exhibition. Ed. SAE. Madison, WI: n.p., 2012. Print. ~

Published Conference

Proceedings: Villasmil, Larry A. and Robert D. Garrick. "Implementing a Virtual Laboratory for a Directed and Synchronous Student Learning Experience; Combining Virtual and Real Experimentation: An Effort to Enhance Students' Conceptual Understanding of Fluid Power." Proceedings of the American Society of Engineering Educators 119th Annual Conference & Exposition. Ed. ASEE. San Antonio, TX: n.p., 2012. Print. *

Published Conference

Proceedings: Garrick, Robert, et al. "The Impact of a Technology Rich Environment with Active Learning Techniques on Engineering Education." Proceedings of the 6th International Technology, Education and Development Conference INTED 2012. Ed. INTED. Valencia, Spain: n.p., 2012. Print. *

Published Conference

Proceedings: Villasmil, Larry A. and Ananda Himansu. "A Comparison in The Performance of 1st Order and 2nd Order Turbulence Models in Reproducing the Liquid Film Length Unsteady Response to Momentum Flux Ratio in Gas-Centered Swirl-Coaxial Injectors in Rocket Engine Applications." Proceedings of the 24TH ILASS Americas Annual Conference on Liquid Atomization and Spray Systems. Ed. ILASS Americas. San Antonio, TX: n.p., 2012. Print. Δ

Invited Presentations/Keynotes:

Villasmil, Larry A. and Robert D. Garrick. "TRiLE - The Use of a Technology Rich Interactive Environment in the Classroom to Ensure Student Engagement and Success." RIT's annual Faculty Institute on Teaching & Learning. The Wallace Center at RIT. Rochester, NY. 31 May 2012. Conference Presentation.



COLLEGE OF

HEALTH SCIENCE & TECHNOLOGY







FEATURED FACULTY

CAROLINE EASTON IS A PROFESSOR OF FORENSIC PSYCHOLOGY IN THE COLLEGE OF HEALTH SCIENCE AND TECHNOLOGY. SHE GRADUATED FROM RIT IN 1990, WENT ON TO GRADUATE SCHOOL AND OBTAINED HER PH.D.'S (BIO-BEHAVIORAL SCIENCES AND CLINICAL PSYCHOLOGY) WITH EXPERTISE IN ADDICTION AND FORENSIC PSYCHIATRY.

Substance abuse and family violence are a combustible combination and this public health issue continues to escalate at the local, national and international level. Dr. Easton's clinical research supports a new approach that integrates addiction and aggression issues and treats the individual client, as opposed to generic group therapies administered by non-credentialed staff.

The one-size-fits-all approach has been used for 30 years or so, and it hasn't changed. Although larger generic therapies appear to be more cost effective through the front door, the ineffectiveness, high rates of re-offenses and high rates of relapse are more costly at the back door.

Dr. Easton has been working with a multi-disciplinary team of faculty and students at RIT to utilize cyber technology, virtual reality, human visualization tools and developing avatar coaches (e.g., AI-Virt) to help treat co-occurring addiction and family violence. The use of the virtual tools and avatars is the way of the future. These adjunctive tools can be useful in patient care settings, are non-threatening, are realistic and can pose 'real life scenarios and triggers' in an in-vivo fashion. This cyber and interactive platform allows us to further employ our treatment models to get even better treatment outcomes. Clients are encouraged to interact with virtual characters and are paired up with avatar coaches designed to help increase, reinforce and shape healthier coping skills. A cyber/avatar coach named "AI-Virt" is being developed to help patients learn healthy conflict resolution skills through these virtual role playing exercises. The avatar coach has a genuine and caring style that provides positive statements and gestures to reward healthy behavioral changes when a positive behavior occurs.

Dr. Easton notes that RIT is a true leader in the field regarding the cyber tools. RIT students and faculty are driving these therapeutic cyber, gaming and human visualization tools. This is the future and patient care settings are ready to embrace it.

CAROLINE EASTON
PROFESSOR
COLLEGE OF HEALTH SCIENCE & TECHNOLOGY

Biomedical Sciences

Caroline J Easton, Professor

Journal Paper: Easton, Caroline J. "Co-Occurring Mental Health Problems Among Substance Dependent Offenders of Intimate Partner Violence." *Advances in Dual Diagnosis* 5. 2 (2012): 86-93. Print. *

Book Chapter: Easton, Caroline J. "Alcohol-Related Violence." *Treatments for Intimate Partner Violence*. Ed. McMurmann. Chichester, UK: Wiley-Blackwell, 2012. Print. *

Journal Paper: Easton, Caroline J., et al. "Fathers Entering Substance Abuse Treatment: An Examination of Substance Abuse, Trauma Symptoms and Parenting Behaviors." *Journal of Substance Abuse Treatment*. (2012). Print. *

Journal Paper: Easton, Caroline J., C.S. Stover, and A. Urdahl. "Depression as a Mediator of the Association Between Substance Abuse and Negative Parenting of Fathers." *American Journal of Drug and Alcohol Abuse* 38. (2012): 344-349. Print. *

Daniel B Ornt, Professor

Journal Paper: Ornt, Daniel, et al. "Predictors of Sudden Death: A Competing Risk Approach in the Hemodialysis Study." *Clin J Am Soc Nephrol* 7. 1 (2012): 123-130. Print. *

Bolaji Thomas, Assistant Professor

Journal Paper: Thomas, Bojaji, et al. "Genetic Polymorphism of Plasmodium Falciparum Merozoite Surface Protein-1 and 2 and Diversity of Drug Resistance Genes in Blood Donors from Bamako, Mali." *Infectious Diseases: Research and Treatment* 6. (2012): 49-57. Print. *

Journal Paper: Thomas, Bolaji, D.A. Diallo, and J.M. Moulds. "Circulating Immune Complex Levels are Associated with Disease Severity and Seasonality in Children with Malaria from Mali." *Biomarker Insights* 7. (2012): 81-86. Print. *

Diagnostic Medical Sonography

Hamad Ghazle, Professor

Journal Paper: Ghazle, Hamad. "Larsen Syndrome: Sonographic Findings." *Journal of Diagnostic Medical Sonography* 28. 5 (2012): 240-244. Print. «

Invited Presentations/Keynotes: Ghazle, Hamad. "Stent-Induced Cholangitis Mimicking Biliary Dilatation." 2012 Annual Convention- Abdominal Ultrasound: General, Neck, and Tissue Characterization. American Institute of Ultrasound in Medicine. Phoenix, AZ. 31 Mar. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes: Ghazle, Hamad. "Sonography Role in Pre- and Post-Transjugular Intrahepatic Portosystemic Shunts." *Daily Practice Hot Topics: Sonographic Recognition & Interpretation*. Rochester Ultrasound Society. Rochester, NY. 3 Nov. 2012. Guest Lecture.

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

Medical Illustration

James Perkins, Professor

Full Length Book: illus., Jim Perkins,, Christopher Kelly, and Jaime Landman. The Netter Collection of Medical Illustrations, Vol. 5 - Urinary System. 2 ed. Philadelphia, PA: Saunders/Elsevier, 2012. Print. ^

Full Length Book: illus., Jim Perkins,, Joseph Ianotti, and Richard Parker. The Netter Collection of Medical Illustrations, Vol. 6 - Musculoskeletal System (Part I - Upper Limb). 2 ed. Philadelphia, PA: Saunders/Elsevier, 2012. Print. ^

Full Length Book: illus., Jim Perkins,, James Zachary, and M. Donald McGavin. Pathologic Basis of Veterinary Disease. 5 ed. St. Louis, MO: Mosby/Elsevier, 2012. Print. ^

Full Length Book: illus., Jim Perkins, and Davi Ellen Chabner. Medical Terminology: A Short Course. 6 ed. Philadelphia, PA: Saunders/Elsevier, 2012. Print. ^

Judged National/International Competition Award Winner: Perkins, James, et al. British Medical Association. Illustrated Medical Book Award. London, UK, 2012.

Shows/Exhibits/Installations: Perkins, Jim. Robbins Basic Pathology. Jul. 2012. Association of Medical Illustrators 67th Annual Salon, Toronto. Exhibit. £

Journal Paper: Perkins, Jim. "Real Professionals Calibrate Their Computer Screens. Do You?" Symbiartic blog of Scientific American. January 9 (2012): NA. Web. Δ

Journal Paper: Perkins, Jim. "Gamma and White Point Explained: How to Calibrate Your Monitor." Symbiartic blog of Scientific American. January 17 (2012): NA. Web. Δ

Journal Paper: Perkins, Jim. "Dots, Spots, and Pixels: What's In A Name?" Symbiartic Blog of Scientific American." Symbiartic blog of Scientific American. May 14 (2012): NA. Web. Δ

Physician Assistant

John B Oliphant, Assistant Professor

Invited Presentations/Keynotes: Oliphant, John. "Understanding Your Children's Nutritional Needs." Restore Haiti Preschool-Kindergarten Parent Educational Symposium. Restore Haiti. Jacmel, Haiti, Southeast Region. 9 Apr. 2012. Lecture.



COLLEGE OF

IMAGING ARTS & SCIENCES



FEATURED FACULTY

MICHAEL ROGERS IS A FULL PROFESSOR IN THE SCHOOL FOR AMERICAN CRAFTS GLASS PROGRAM. HIS CURRENT RESEARCH FOCUSES ON CROSS-DISCIPLINARY MULTI-MEDIA COLLABORATIONS. WHILE HIS HOME BASE IS HIS PRIVATE STUDIO OUTSIDE HONEOYE FALLS, RECENT PROJECTS HAVE TAKEN HIM TO JAPAN, SCOTLAND, LATVIA, FINLAND, SWEDEN, AND SOON TO CHINA.

Michael was accepted onto the Fulbright Specialist's List in 2012 and was awarded a Fulbright Grant to conduct research at the New University of Lisbon's VICARTE Science and Glass Art Course in Portugal. Michael has an ongoing project with VICATRE that involves the epic poem *Os Lusíadas* by Luís Vaz de Camões, a biologist, chemist, art historian and other artists. The Camões Project involved melting experimental batches of glass prone to corrosion, forming it into flat glass and then engraving it with poetic text. The engraved samples were given to the biologist who introduced them to a specifically chosen fungus that is believed to erode and deteriorate the surface of the glass over time. This process, valid both as an artwork and scientific experiment, is being documented with microscopic photography and will be exhibited in the Library Gallery at the New University of Lisbon.

Another recent project involved a collaborative exhibition titled *Spillforth* at Brown University's Cohan Gallery at the Granoff Center. This project involved senior professor Rick Hirsch at RIT/SAC Ceramics, poets C.D. Wright and Forrest Gander and sound artists from Formosa Labs in Taipei, Taiwan. An installation of large blown glass barometers engraved with the poet's text were hung on the wall with the poet's handwritten text on a shelf below. The tonal sound piece was composed in real time controlled by the same barometric pressure that affected the blue water in the barometers. Two days into the exhibit Hurricane Sandy hit the east coast, barometric pressure plummeted and water from the barometers spilled forth onto the handwritten text below altering the text in the process.

Yet another project has involved collaborative work with senior professor Rich Tannen of SAC Furniture Design. This project has involved casting CNC cut surfaces on wood into sculptural glass blocks creating transparent and translucent topographies.

These projects have all evolved from the belief that there is much to be gained where various disciplines intersect.

MICHAEL ROGERS
PROFESSOR, GLASS PROGRAM
COLLEGE OF IMAGING ARTS & SCIENCES





School for American Crafts

Richard A Hirsch, Professor

Shows/Exhibits/Installations:

Hirsch, Richard. Mano, A Collaboration Between Poets C.D. Wright and Forrest Gander, Richard Hirsch and Michael Rogers, poetry reading and discussion along with the installation and reception. 13 Apr. 2012. Vignelli Center of Design, Rochester. Installation. ~ ≠

Shows/Exhibits/Installations:

Wright,, Richard Hirsch, Michael Rogers, Forrest Gander, C.D. Spillforth, Continuation of Collaboration Between Artists and Poets. 26 Oct. 2012. Granoff Center, Providence, RI. Installation. ~ ≠

Shows/Exhibits/Installations:

Hirsch, Richard. International Ceramics Academy Members Exhibition. 2012. Santa Fe Museum of Art, Santa Fe, NM. Exhibit. ~ ≠

Invited Presentations/Keynotes:

Hirsch, Richard. "Crucible Project." NCECA Conference 2012. NCECA. Seattle, WA. 21 Mar. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Hirsch, Richard. "The Art of Collaboration, Panel discussion." Guest lecture. University of South Carolina. Columbia, SC. 13 Oct. 2012. Guest Lecture. Δ

Michael A Rogers, Professor

External Scholarly Fellowships:

9/15/2012 -
9/29/2012
Fulbright
Amount: \$880.80
≠

Shows/Exhibits/Installations:

Rogers, Michael Allen. Nov. 2012. Janis Akuraters Museum in Riga, Latvia and Go/c/art Gallery in Visby, Gotland, Riga, Latvia and Visby, Gotland/Sweden. Installation.

Invited Presentations/Keynotes:

Rogers, Michael Allen. "Exhibition Ideation and Workshop." Mae Da Agua Project. New University of Lisbon, Portugal. Lisbon, Cosa Caparica. 1-11 Mar. 2012. Lecture.

Invited Presentations/Keynotes:

Rogers, Michael Allen. "Visual Resonance." International Student Symposium. North Lands Glass Center. Lybster, Scotland, Caithness. 22-July 3 Dec. 2012. Lecture.

Shows/Exhibits/Installations:

Rogers, Michael Allen. International Glass Prize, The Object 2012. 6 Sep. 2012. Ch. Van Der Seijs Foundation, Belgium, GlazenHuis, Flemish Center for Contemporary Glass Art, Lommel, Belgium, Lommel, Belgium. Exhibit. £

Shows/Exhibits/Installations:

Rogers, Michael Allen. 11 Aug. 2012. Caithness Horizons Gallery, Thurso, Scotland. Exhibit. £

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

Jane M Shellenbarger, Assistant Professor

Shows/Exhibits/Installations:

Shellenbarger, Jane. Dimension: A Two Person Ceramic Exhibition. 9 Nov. 2012. Davison Gallery, Roberts Wesleyan College, Rochester. Installation. ~

Shows/Exhibits/Installations:

Shellenbarger, Jane. The Chocolate Pot, Invitational, A Body of Work Exploring the Theme. Dec. 2012. Red Lodge Clay Center, Red Lodge, MT. Exhibit. ~

Shows/Exhibits/Installations:

Shellenbarger, Jane. The Cup: 50 Artists 250 Interpretations, Invitational. 2012. Wright Gallery, College of Lake County, Grayslake, IL. Exhibit. ~

Shows/Exhibits/Installations:

Shellenbarger, Jane. Paper Plate, Plastic Plate, White Plate, Artist Plate: Invitational, A collection of artist-made dinner plates and related insights about food. 2012. Penland School of Crafts Gallery, Penland, NC. Exhibit. ~

Shows/Exhibits/Installations:

Shellenbarger, Jane. Image and Form, Invitational, Five Prominent Ceramic Artists Explore Imagery on Form With The Various Ways They Individually Use The Decal. 2012. Akar Gallery, Iowa City, IA. Exhibit. ~

School of Art

James Perkins, Professor

Judged National/International

Competition Award Winner: Perkins, James, et al. British Medical Association. Illustrated Medical Book Award. London, UK, 2012.

Shows/Exhibits/Installations:

Perkins, Jim. Robbins Basic Pathology. Jul. 2012. Association of Medical Illustrators 67th Annual Salon, Toronto. Exhibit. £

Sarah E Thompson, Assistant Professor

Published Review: Thompson, Sarah.

"New Approaches to Medieval Architecture." Rev. of *New Approaches to Medieval Architecture*, eds. Clark, William W., Bork, Robert, and McGehee, Abby. *Journal of the Society of Architectural Historians* Sep. 2012: 416-418. Print. ~

Invited Presentations/Keynotes:

Thompson, Sarah. "Chartres and the Concept of Gothic." *International Congress on Medieval Studies*. Medieval Institute, Western Michigan University. Kalamazoo, MI. 12 May 2012. Conference Presentation. ~

Invited Presentations/Keynotes:

Thompson, Sarah. "The Origins of Gothic Design Process." *Society of Architectural Historians 2012 Conference*. Society of Architectural Historians. Detroit, MI. 20 Apr. 2012. Conference Presentation. ~

Invited Presentations/Keynotes:

Thompson, Sarah. "Tracing Twelfth-Century French Builders." College Art Association Annual Meeting. College Art Association. Los Angeles, CA. 25 Feb. 2012. Conference Presentation. ~

School of Design**Peter Byrne, Associate Professor****Invited Presentations/Keynotes:**

Byrne, Peter, Nancy Ciolek, and Chris Jackson. "Designing for the Human Experience: Integrating Design and Technology." National UCDA Design Education Summit Catch 22. University and College Designers Association. Blacksburg, VA. 22 May 2012. Conference Presentation. ~

Invited Presentations/Keynotes:

Byrne, Peter and Carole Woodlock. "New & Old Media Artist/Teacher: Untangling the Role of Studio Practice and Teaching." National Art Education Association Conference. National Art Education Association. New York, NY. 4 Mar. 2012. Conference Presentation. ~

Carol J Fillip, Assistant Professor**Published Conference**

Proceedings: Fillip, Carol and Lorrie Frear. "Creativity In Motion." Proceedings of the New Directions in the Humanities International Conference. Ed. New Directions in the Humanities International Conference. Montreal, Canada: n.p., 2012. Print. *

Published Conference

Proceedings: Fillip, Carol and Lorrie Frear. "Type Carousel." Proceedings of the National UCDA Design Education Summit. Ed. National UCDA Design Education Summit. Blacksburg, Virginia: n.p., 2012. Print. *

Published Conference

Proceedings: Fillip, Carol and Cathleen Chou. "Academic Dishonesty and Visual Plagiarism." Proceedings of the 4th Annual Conference on Higher Education Pedagogy. Ed. 4th Annual Conference on Higher Education Pedagogy. Blacksburg, VA: n.p., 2012. Print. *

Shows/Exhibits/Installations:

Fillip, Carol. Music is Art Promotional Posters. By Lorrie Frear and Peter Harasty. 2012. New York State of Design, AIGA Exhibition, Rochester. Exhibit. £

Shows/Exhibits/Installations:

Fillip, Carol. Mingle. By Lorrie Frear. 2012. Bevier Gallery, Rochester. Exhibit.

Shaun C Foster, Assistant Professor

Published Review: Foster, Shaun C. Rev. of How'd My Avatar Get Into That Sneaker Ad?, ed. Slate editorial staff. Slate 4 Jan. 2012: 3. Web. ^

Lorrie Frear, Associate Professor**Published Conference**

Proceedings: Frear, Lorrie and Carol Fillip. "Jump on the Typographic Carousel." Proceedings of the UCDA Design Education Summit Catch 22. Ed. UCDA. Smyrna, TN: University and College Design Association, 2012. Web. *

Published Conference

Proceedings: Frear, Lorrie, Alex Lobos, and Sandra Turner. Proceedings of the Model for Interdisciplinary Collaboration in Package Design. Ed. Design Principles and Practices. Champaign, IL: Design Principles and Practices, 2012. Web. £

Published Conference

Proceedings: Frear, Lorrie and Carol Fillip. "Creativity in Motion." Proceedings of the International Conference on New Directions in the Humanities. Ed. International Conference on New Directions in the Humanities. Champaign, IL: International Conference on New Directions in the Humanities, 2012. Web. £

Published Conference

Proceedings: Frear, Lorrie and Alex Lobos, Sandra Turner. "Model for Interdisciplinary Collaboration in Package Design II." Proceedings of the Industrial Designers Society of America Conference Boston. Ed. IDSA. Herndon, VA: IDSA, 2012. Web. £

Shows/Exhibits/Installations:

Frear, Lorrie. Music is Art Promotional Poster Series. By Carol Fillip. 1 Mar. 2012. Vignelli Center for Design Studies, Rochester Institute of Technology, Rochester. Exhibit. £

Chris Jackson, Associate Professor**Published Conference**

Proceedings: Jackson, Chris, Nancy Ciolek, and Peter Byrne. "Designing for the Human Experience: Integrating Design and Technology." Proceedings of the National UCDA Design Education Summit Conference. Ed. UCDA. Blacksburg, VA: n.p., 2012. Print. *

Invited Presentations/Keynotes:

Jackson, Chris. "Interactive Video Design." Adobe VIP Production Premium Sneak Peak. Adobe Systems. New York City, NY. 14 Feb. 2012. Conference Presentation. Δ

Alex Lobos, Assistant Professor**Invited Presentations/Keynotes:**

Frear, Lorrie, Alex Lobos, and Sandra Turner. "A Model for Trans-Disciplinary Collaboration in Packaging Design." International Conference on Design Principles and Practices. University of California Los Angeles. Los Angeles, CA. 21 Jan. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Frear, Lorrie, Alex Lobos, and Sandra Turner. "Transdisciplinary Packaging Design: A Model for Future Design Education." Industrial Designers Society of America International Conference. IDSA. Boston, MA. 15 Aug. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Lobos, Alex. "Diseno de Electrodomesticos Centrado en el Usuario." Innovacion y Diseno. ISTHMUS Norte. Chihuahua, Mexico. 7 Jul. 2012. Lecture. Δ

Josh K Owen, Associate Professor**Published Review:**

Derringer, Jaime. "A Visit to the Vignelli Center for Design Studies at RIT." Rev. of The Vignelli Center for Design Studies, by Jaime Derringer. Design Milk 14 Dec. 2012: Web. ^

Published Review:

Derringer, Jaime. "The Tools that Make It Happen; Rochester Institute of Technology." Rev. of RIT, by Jaime Derringer. Design Milk 28 Nov. 2012: Web. ^

Published Review: Lanks, Belinda. "A Toilet-Paper Holder That Makes Replacing Rolls Fun." Rev. of Hanging Line, by Belinda Lanks. Fastco Design 27 Sep. 2012: Web. ^

Published Review: Lei, Leo. "Hanging Line by Josh Owen." Rev. of Hanging Line, by Leo Lei. Design You Trust 27 Sep. 2012: Web. ^

Published Review: Lei, Leo. "Hanging Line by Josh Owen." Rev. of Hanging Line, by Leo Lei. Leibal 26 Sep. 2012: Web. ^

Published Review: Owen, Josh. "Hang it All." Rev. of Hanging Line, by Staff. 2nd and Strand 19 Sep. 2012: Web. ^

Published Review: Aguilar, Mario. "Keep Your Life on a String While Sitting on the Can." Rev. of Hanging Line, by Mario Aguilar. Gizmodo 18 Sep. 2012: Web. ^

Published Review: Derringer, Jalme. "The Hanging Line by Josh Owen for Kontextür." Rev. of Hanging Line, by Jalme Derringer. Design Milk 18 Sep. 2012: Web. ^

Published Review: Owen, Josh. "Wanted Design Fair." Rev. of Josh Owen, RIT, by Staff. IDEAT 1 Sep. 2012: Print. ^

Published Review: Suqi, Rima. "Hanging Line." Rev. of Hanging Line, by Rima Suqi. The New York Times 5 Sep. 2012: Print. ^

Published Review: Owen, Josh. "Kontexture's WC Line." Rev. of WC Line, by Staff. Remodelista 12 Jul. 2012: <http://remodelista.com/products/kontexture-wc-line>. Web. ^

Published Review: Owen, Josh. "Industrial Designer Turned Glass Convert: Josh Owen at Glass Lab?" Rev. of Glass Lab prototype, by Staff. Corning Museum of Glass 12 Jun. 2012: <http://www.cmog.org/blog/2012/06/22/industrial-designer-turned-glass-convert-josh-owen-at-glasslab/>. Web. ^

Published Review: Tucker, Christopher. "Ritual Object." Rev. of Menorah, by Christopher Tucker. ICON 1 Jun. 2012: -. Print. ^

Published Review: Owen, Josh. "Spring Market Issue-Kichenbath." Rev. of WC Line, by Staff. Interior Design 31 May 2012: -. Print. ^

Published Review: Clemence, Paul. "The Educated Eye." Rev. of WC Line, by Paul Clemence. Metropolis 30 May 2012: -. Print. ^

Published Review: Hiemstra, Graham. "Metaproject02." Rev. of Metaproject02, by Graham Hiemstra. CoolHunting 23 May 2012: Web. ^

Published Review: Stryker, Alysa. "RIT Students Push Design Innovation To? New Level?" Rev. of Metaproject02, by Alysa Stryker. Henrietta Post 17 May 2012: Web. ^

Published Review: Fuller, Kevin. "RIT Students Exhibit Unique Collaborative Project at Design Week." Rev. of Metaproject02, by Kevin Fuller. RIT University News 15 May 2012: Web. ^

Published Review: Owen, Josh. "New Uses for Recycled glass." Rev. of Metaproject02, by WROC-TV. Rochester Homepage 30 Apr. 2012: Web. ^

Published Review: Owen, Josh. "Metaproject02:RIT+Corning Museum of Glass." Rev. of Metaproject02, by Staff. Wanted Design 13 Mar. 2012: Print. ^

Published Review: Fuller, Kevin. "Design and Glass Students at RIT to Exhibit during Design Week in New York City." Rev. of Metaproject02, by Kevin Fuller. RIT University News 13 Mar. 2012: Web. ^

Published Review: Owen, Josh. "WC Line." Rev. of WC Line, by Staff. Dwell 1 Mar. 2012: Print. ^

Published Review: Suqi, Rima. "For The Bath, Round is Better." Rev. of WC Line, by Rima Suqi. NY Times 15 Feb. 2012: Print. ^

Published Review: Owen, Josh. "WC Line by Josh Owen." Rev. of WC Line, by Staff. Designy Things 12 Feb. 2012: Web. ^

Published Review: Owen, Josh. "Best of nyigh 2012: Josh Owen for Kontextür." Rev. of WC Line, by Staff. Design Applause 12 Feb. 2012: Web. ^

Published Review: Owen, Josh. "WC Line by Josh Owen for Kontextür." Rev. of WC Line, by Staff. Designboom 29 Jan. 2012: Web. ^

Book Chapter: Owen, Josh. "Do Not Destroy: Tree Art and Jewish Thought." San Francisco, CA: Contemporary Jewish Museum, 2012. 46. Print.

Full Length Book: Owen, Josh. Metaproject 02: Corning Museum of Glass. 2 ed. Rochester, NY: Josh Owen, 2012. Print. †

Shows/Exhibits/Installations: Owen, Josh. Glass Lab. 29 Jun. 2012. Corning Museum of Glass, Corning. Performance.

Shows/Exhibits/Installations: Owen, Josh. Glass Lab. 2012. Corning Museum of Glass, Corning. Exhibit.

Shows/Exhibits/Installations: Owen, Josh. Pencils of Promise Organization. 10 Dec. 2012. Pencils of Promise Organization, New York. Exhibit.

Shows/Exhibits/Installations: Owen, Josh. Faculty Exhibition. Dec. 2012. Rochester Institute of Technology, Rochester. Exhibit.

Shows/Exhibits/Installations: Owen, Josh. Four Corners: Design from Philly surrounds. Oct. 2012. Minima Gallery, Philadelphia. Exhibit.

Shows/Exhibits/Installations:

Owen, Josh. Kontextür. May 2012. Wanted Design, New York. Exhibit.

Shows/Exhibits/Installations:

Owen, Josh. Metaproject 02: Corning Museum of Glass. May 2012. Wanted Design, New York. Exhibit.

Shows/Exhibits/Installations:

Owen, Josh. Activating the Archive Project for Imagine RIT. May 2012. Vignelli Center for Design Studies, Rochester. Exhibit.

Shows/Exhibits/Installations:

Owen, Josh. Areaware Exhibition. May 2012. International Contemporary Furniture Fair, New York. Exhibit.

Shows/Exhibits/Installations:

Owen, Josh. Kikkerland Exhibition. May 2012. International Contemporary Furniture Fair, New York. Exhibit.

Shows/Exhibits/Installations:

Owen, Josh. Do Not Destroy: Trees, Art, and Jewish Thought. Feb. 2012. Contemporary Jewish Museum, San Francisco. Exhibit.

Shows/Exhibits/Installations:

Owen, Josh. Design Autopsy. 2012. Bevier Gallery, Rochester. Installation.

Shows/Exhibits/Installations:

Owen, Josh. Metaproject 02: Corning Museum of Glass. May 2012. Wanted Design, New York. Installation.

Judged National/International Competition Award Winner:

Owen, Josh. Chicago Athenaeum Good Design Award. Recipient. Chicago, IL, 2012.

Invited Presentations/Keynotes:

Owen, Josh. "Finding Simple." Architecture and Design Lecture Series. Lawrence Technological University. Detroit, MI. 25 Oct. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Owen, Josh. "SOS Stool Case Study." Guest Lecture Series. University of The Arts. Philadelphia, PA. 26 Mar. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Owen, Josh. "Josh Owen Professional Practice." Guest Lecture Series. University of Pennsylvania. Philadelphia, PA. 13 Feb. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Owen, Josh. "RIT Industrial Design." Guest Lecture Series. Beijing University of Forestry. Beijing, CHINA. 15 Sep. 2012. Guest Lecture.

Judged National/International Competition Award Winner:

Owen, Josh. Chicago Athenaeum's Permanent Design. WC Line added to Collection. Chicago, IL, 2012.

Judged National/International Competition Award Winner:

Owen, Josh. Corning Museum of Glass. Toilet Paper Jar added to CMOG Permanent Design Collection. Corning, NY, 2012.

Judged National/International Competition Award Winner:

Owen, Josh. Corning Museum of Glass. Bowl With a Slot added to CMOG Permanent Design Collection. Corning, NY, 2012.

Judged National/International Competition Award Winner:

Owen, Josh. Corning Museum of Glass. Tooth Brush Holder Cup added to CMOG Permanent Design Collection. Corning, NY, 2012.

Published Game, Application or Software: Owen, Josh. Game. Kontextür. Large Hanging Mirror. 2012.

Published Game, Application or Software: Owen, Josh. Game. Kontextür. Small Magnifying Mirror. 2012.

Published Game, Application or Software: Owen, Josh. Game. Kontextür. Magazine / Towel Holder. 2012.

Published Game, Application or Software: Owen, Josh. Game. Kontextür. Toilet Paper Holder. 2012.

Published Game, Application or Software: Owen, Josh. Game. Kontextür. Hooks. 2012.

Published Game, Application or Software: Owen, Josh. Game. Kontextür. Plunger Set. 2012.

Published Game, Application or Software: Owen, Josh. Game. Kontextür. Toilet Brush Set. 2012.

Published Game, Application or Software: Owen, Josh. Game. Kontextür. Waste Bin. 2012.

School of Film and Animation

Cathleen Ashworth, Associate Professor

Shows/Exhibits/Installations: Ashworth, Cat. BeeEye. 14-16 Sep. 2012. Rochester Greentopia Film Festival, Rochester, NY. Installation.

Shows/Exhibits/Installations: Ashworth, Cat. BeeEye. 19-24 Sep. 2012. Gallery r, Rochester, NY. Installation.

Published Review: Rezsnyak, Eric. "Rochester Fringe Festival Day 5: BeeEye." Rev. of BeeEye, by Eric Rezsnyak. City Newspaper, Rochester, NY 24 Sep. 2012: on-line edition. Print.

Carl F Battaglia, Professor

Judged National/International Competition Award Winner: Battaglia, Skip. ASIFA-East. Excellence in Soundtrack. New York, NY, 2012. £

Invited Presentations/Keynotes: Battaglia, Skip. "Keynote Animation Education." Expo UDLAP. University of the Americas in Puebla. Cholula, Puebla, Mexico. 7 Mar. 2012. Keynote Speech.

Peter Kiwitt, Assistant Professor

Journal Paper: Kiwitt, Peter. "What Is Cinema in a Digital Age? Divergent Definitions from a Production Perspective." Journal of Film and Video 64. 4 (Winter) (2012): 3-22. Print. «

David L Long, Assistant Professor

Published Conference

Proceedings: Long, David. "Towards Higher Dimensionality in Cinema Color: Multispectral Video Systems." Proceedings of the 2012 SMPTE Annual Technical Conference. Ed. Dianne Purrier. New York, NY: n.p., Print. £

School of Photographic Arts & Sciences

Roberley Bell, Professor

External Scholarly Fellowships:

7/1/2012 -

7/1/2013

Dave Bown Project

Amount: xx.x

*

External Scholarly Fellowships:

5/1/2012 -

5/1/2013

Turkish Cultural Foundation

Amount: xx.x

*

Invited Presentations/Keynotes:

Bell, Roberley. "Fulbright Demystified." Art Links. Nelson Atkins Museum of Art. Kansas City, MO. 24 Apr. 2012. Lecture. Δ

Shows/Exhibits/Installations:

Bell, Roberley. Istanbul Contemporary Art Fair. 20 Nov. 2012. Istanbul, Turkey. Exhibit. Δ

Shows/Exhibits/Installations:

Bell, Roberley. The World According To... Mar. 2012. Black and White Gallery, Brooklyn. Exhibit. Δ

Shows/Exhibits/Installations:

Bell, Roberley. Tree Seat Public Art Project. 1 Sep. 2012. Public, Rochester. Installation. *

Frank J Cost, Professor

Journal Paper: III, William E. Fisher, et al. "Reflections on the Hope Poster Case." Harvard Journal of Law & Technology Volume 25, Number 2 Spring 2012. 2 (2012): 243-338. Print. Δ

Full Length Book: Cost, Frank. Rochester Panorama. 1 ed. Rochester, New York: RIT Press, 2012. Print. ^

Invited Presentations/Keynotes:

Cost, Frank. "The Liberated Photograph." Photo Book Thought Leadership Workshop. Xerox Corporation. Rochester, NY. 2 Apr. 2012. Keynote Speech. Δ

Denis Defibaugh, Professor

Shows/Exhibits/Installations:

Defibaugh, Denis. Day of the Dead. Nov. 2012. Brown v Board of Education National Historic Site, Topeka. Exhibit. Δ

Shows/Exhibits/Installations:

Defibaugh, Denis. Eye for an Ear. Jul. 2012. Galerie Huit, Arles, France. Exhibit. *

Shows/Exhibits/Installations:

Defibaugh, Denis. Natural History series. Apr. 2012. Spectrum Gallery at Lumiere, Rochester, NY. Exhibit. Δ

Book Chapter: Karas, Vanja. "Natural History series." Eye for an Ear. London, England: UBYU, 2012. Print. *

Invited Presentations/Keynotes:

Defibaugh, Denis. "Day of the Dead." Day of the Dead lecture. Washburn University. Topeka, KN. 30 Oct. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Defibaugh, Denis. "Dia de los Muertos." Center of Latin American Studies lecture series. Kansas University. Lawrence, KN. 31 Oct. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Defibaugh, Denis. "Day of the Dead." Midland College lecture series. Midland College. Midland, KY. 27 Oct. 2012. Lecture. Δ

Journal Paper: Defibaugh, Denis. "Interview Documenting the Day of the Dead." NPR, The Daily Picture Show, National Edition. (2012): online. Web. Δ

Gregory Halpern, Assistant Professor**Shows/Exhibits/Installations:**

Halpern, Gregory. "A" (Solo Show). 30 Nov. 2012. Galerie Wouter van Leeuwen, Amsterdam, Netherlands. Exhibit.

Shows/Exhibits/Installations:

Halpern, Gregory. "A" (Solo Show). 5 Jan. 2012. ClampArt Gallery, New York, NY. Exhibit.

Shows/Exhibits/Installations:

Halpern, Gregory. The 2012 VICE Photo Show (Group Show). Aug. 2012. Black and White Gallery, Brooklyn, NY. Exhibit.

Shows/Exhibits/Installations:

Halpern, Gregory. Into the Woods (Group Show). Jun. 2012. ClampArt Gallery, New York, NY. Exhibit.

Shows/Exhibits/Installations:

Halpern, Gregory. A Survey of Documentary Styles in Early 21st Century Photobooks: Selections from the Indie Photo Book Library (with Printed Exhibition Catalog). Sep. 2012. Gallery Carte Blanche, San Francisco, CA & Contemporary Arts Center, PhotoNOLA, New Orleans, LA, New Orleans, LA & San Francisco, CA. Exhibit.

Book Chapter: Halpern, Gregory. "Gregory Halpern." Photographs Not Taken: A Collection of Photographers? Essays, Edited by Will Steacy, Daylight Books. Ed. Will Steacy. Hillsborough, NC: Daylight Books, 2012. 65-68. Print.

Book Chapter: Halpern, Gregory. "War Games, Violence Removed." Light & Lens: Photography in the Digital Age, Second Edition. New York, NY: Focal Press, 2012. Print.

Judged National/International

Competition Award Winner: Halpern, Gregory. Photobook Award, 5th Kassel Photo Book Festival (Printed Catalog to Accompany Award). Photobook Award. Paris, France, 2012.

Published Review: Aletti, Vince. "Gregory Halpern." Rev. of "A", by Vince Aletti. The New Yorker Jan. 2012: 1. Print.

Judged National/International

Competition Award Winner: Halpern, Gregory. Photo-Eye. Photo-Eye Top Ten Book of the Year. Santa Fe, NM, 2012.

Angela Kelly, Associate Professor

Book Chapter: Kelly, Angela. "Revisiting Catharsis: Images of Post-Conflict Belfast." *Photography and the Artist's Book*. Ed. Theresa Wilkie, Jonathan Carson & Rosie Miller. Edinburgh, UK: Museum ETC, 2012. 174-193. Print. Δ

Invited Presentations/Keynotes:

Kelly, Angela and Deborah Schultz, Richmond American University London, Emily Fuggle, Curator, Imperial War Museum, London. "A Question of Context: Panel Discussion." *Family Ties: Recollection and Representation*. Institute of Germanic and Romantic Studies, The John Coffin Memorial Trust, University of London. London, UK. 8 Mar. 2012. Conference Presentation. * £

Invited Presentations/Keynotes:

Kelly, Angela, Charlotte Cotton, and David Bate. "Catharsis: Images of Post-Conflict Belfast." *Ist. Biennial Photomedia Theory Conference*. Aalto University, Helsinki, Finland. Helsinki, Finland. 28 Mar. 2012. Lecture. * £

Shows/Exhibits/Installations:

Kelly, Angela. *Regarding Place: A Photo Media Invitational*. Dir. Kathryn Hubbard. 12 Jan. 2012. Tower Gallery, Brockport. Exhibit. £

Shows/Exhibits/Installations:

Kelly, Angela. *House and Home*. 11 Apr. 2012. National Building Museum, Washington DC. Exhibit. £

Shows/Exhibits/Installations:

Kelly, Angela. *Here and Elsewhere*. 8 Nov. 2012. Cazenovia, NY. Exhibit. £

Shows/Exhibits/Installations:

Kelly, Angela. *Jan Tichy reorders the Museum of Contemporary Photography*. 29 Nov. 2012. Museum of Contemporary Photography Chicago, Chicago. Exhibit. £

Published Review:

Rafferty, Rebecca. "Complicating the Identity Narrative." *Rev. of Regarding Place*, ed. Karen vanMeenan. *After-Image: The Journal of Media and Cultural Criticism* 1 Jul. 2012: 32-33. Print. ~

Oscar Palacio, Assistant Professor

Invited Presentations/Keynotes:

Palacio, Oscar. "Navigating Photography." *Public Lecture*. Alfred University. Alfred, NY. 24 Oct. 2012. Lecture. £

Shows/Exhibits/Installations:

Palacio, Oscar. *Transitions*. May 2012. CBKU/FOTODOK, Utrecht, Netherlands. Installation. £

Shows/Exhibits/Installations:

Palacio, Oscar. *Brief Monuments: Making and Unmaking Memory*. Sep. 2012. *The Orison Project*, Essex, CT. Exhibit. £

Published Review:

Williams, Carla. "Photography's Pluralism." *Rev. of The Great Yellow Father*, ed. Miriam Romais. *Nueva Luz* Jan. 2012: 28-29. Print. ^

Shows/Exhibits/Installations:

Thomas, Hank Willis. *Pitch Man*. Nov. 2012. *Visual Studies Workshop*, Rochester. Exhibit.

Ahndraya Parlato, Lecturer

Shows/Exhibits/Installations:

Parlato, Ahndraya. Into The Woods.
28 Jun. 2012. ClampArt, New York.
Exhibit.

Shows/Exhibits/Installations:

Parlato, Ahndraya. Complimenta I.
21 Sep. 2012. The Manse, Ithaca.
Installation.

Shows/Exhibits/Installations:

Parlato, Ahndraya. 5th International
Photobook Festival. 21 Apr. 2012.
Le Bal, Paris. Installation.

**Christye P Sisson, Associate
Professor**

Invited Presentations/Keynotes:

Sisson, Christye. "Photographs as
Scientific Data: A Case Study for
Dermatological Imaging." BioCommuni-
cations Association Annual Educa-
tional Conference. BioCommunications
Association. Bar Harbor, ME. 20 Jun.
2012. Conference Presentation. Δ



COLLEGE OF

LIBERAL ARTS



WILDENHAIN

AUGUST 20-OCTOBER 2, 2012







FEATURED FACULTY

AMITRAJEET A. BATABYAL IS ARTHUR J. GOSNELL PROFESSOR OF ECONOMICS IN THE COLLEGE OF LIBERAL ARTS. HE USES MICROECONOMIC THEORY AND A WHOLE HOST OF MATHEMATICAL TECHNIQUES TO MODEL AND THEREBY BETTER UNDERSTAND PROBLEMS IN ENVIRONMENTAL AND REGIONAL ECONOMICS.

Dr. Batabyal has broad research interests and he has worked on problems as diverse as the design of international environmental agreements, the conduct of trade policy by developing nations when their export goods are polluting, the properties of alternate decision making rules in arranged marriages, the management of invasive species, and economic growth in innovative regions.

He has published over 500 papers, books, book chapters, and book reviews in a variety of refereed scholarly outlets in ecology, economics, mathematics, operations research, and political science. He is the recipient of numerous awards including the Geoffrey J. D. Hewings Award from the North American Regional Science Council in 2003, the Moss Madden Memorial Medal from the British and Irish Section of the Regional Science Association International in 2004, the Outstanding Achievement in Research Award from the Society for Range Management in 2006, and the Trustees Scholarship Award from the RIT Board of Trustees in 2007.

AMITRAJEET A. BATABYAL
PROFESSOR
COLLEGE OF LIBERAL ARTS

Department of Communication

Ki-Young Lee, Associate Professor

Journal Paper: Lee, Ki-Young. "Consumer Processing of Virtual Experience: A Test of an Integrated Framework." *Computers in Human Behavior* 28. 6 (2012): 2134-2142. Print. «

Journal Paper: Lee, Ki-Young. "The Effect of 3-D Product Visualisation on the Strength of Brand Attitude." *International Journal of Advertising* 31. 2 (2012): 377-396. Print. «

Kelly Martin, Assistant Professor

Book Chapter: Gallagher, Victoria J., Kenneth Zagacki, and Kelly Norris Martin. "Materiality and Urban Communication: The Rhetoric of Communicative Spaces." *Communication Matters: Materialist Approaches to Media, Mobility, and Networks*. New York, NY: Routledge, 2012. 107-120. Print. Δ ~

Book Chapter: Martin, Kelly Norris. "An Introduction to Visual Rhetoric." *Inspire: Researcher Development Initiative*. London, UK: Economic and Social Research Council, 2012. online. Web. Δ

Jonathan Schroeder, Professor

Journal Paper: Schroeder, Jonathan E. "Editorial." *Consumption Markets & Culture* 15. 3 (2012): 259. Print. £

Book Chapter: Schroeder, Jonathan E. and Janet L. Borgerson. "Packaging Paradise: Organizing Representations of Hawaii." *Against the Grain: Advances in Postcolonial Organization Studies*. Ed. A. Prasad. Copenhagen, Denmark: Copenhagen Business School Press, 2012. 32-53. Print. Δ

Book Chapter: Schroeder, Jonathan E. "Style and Strategy: Snapshot Aesthetics in Brand Culture." *Imagining Organisations: Performative Imagery in Business and Beyond*. Ed. C. McLean, et al. London, UK: Routledge, 2012. 129-151. Print. *

Journal Editor: Schroeder, Jonathan E., ed. *Consumption Markets and Culture*. Oxford: Taylor and Francis, 2012. Print. «

Invited Presentations/Keynotes:

Schroeder, Jonathan E. and Janet L. Borgerson. "Aestheticized Atrocity in Brand Culture." *Aesthetics of Atrocity Symposium*. Visual Studies Workshop. Rochester, NY. 7 Mar. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Schroeder, Jonathan E. "Strindberg and the Pictorial Urge." *Strindberg: Author, Visual Artist, Playwright Centennial Symposium*. Rochester Institute of Technology/Swedish Institute. Rochester, NY. 23 Mar. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Schroeder, Jonathan E. "Visual Analysis." *International Network of Visual Studies in Organisations*. Economic and Social Research Council, UK. London, UK. 22 May 2012. Lecture. Δ

Invited Presentations/Keynotes:

Schroeder, Jonathan E. "Visual Paradigms of Consumption." *Nordic Conference on Consumer Research*. Gothenburg University. Gothenburg, Sweden. 30 May 2012. Keynote Speech. Δ

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*

Invited Presentations/Keynotes:

Schroeder, Jonathan E. and Janet L. Borgerson. "Gender in Paradise." Conference on Gender, Marketing, and Consumer Behavior. Association of Consumer Research. Queenstown, New Zealand. 6 Jul. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Schroeder, Jonathan E. "Critical Visual Analysis." Research Roundtable of Visual Ethnography. University of Auckland Business School. Auckland, New Zealand. 12 Jul. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Schroeder, Jonathan E. and Janet L. Borgerson. "Sonic Branding in the South Pacific." Branding Workshop. Fudan University. Shanghai, China. 9 Oct. 2012. Guest Lecture. Δ

Invited Presentations/Keynotes:

Schroeder, Jonathan E. and Janet L. Borgerson. "Skin and Identity." Asia-Pacific Association of Consumer Research. Association of Consumer Research. Queenstown, New Zealand. 8 Jul. 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Schroeder, Jonathan E. and Janet L. Borgerson. "Toward a Philosophy of Skin: Invoking Critical Race Studies in Consumer Culture." Academy of Management Annual Conference. Academy of Management. Boston, MA. 5 Aug. 2012. Conference Presentation. «

Invited Presentations/Keynotes:

Schroeder, Jonathan E. and Janet L. Borgerson. "From Chinese Brand Culture to Global Brands." International Symposium of Consumer Culture Theory in Thailand. Walailak University. Nakhon Si Thammarat, Thailand. 18 Oct. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Schroeder, Jonathan E. "Brand Culture: How Brands Work to Produce Meaning and Value." Emerging Issues and Trends in Marketing Research. Shanghai Institute of Foreign Trade. Shanghai, China. 12 Oct. 2012. Guest Lecture. Δ

Full Length Book:

Schroeder, Jonathan E., ed. *Conversations on Consumption*. London, UK: Routledge, 2012. Print. £

Invited Presentations/Keynotes:

Schroeder, Jonathan E. "Snapshot Aesthetics in Brand Culture." Research Week. University of Edinburgh Business School. Edinburgh, UK. 4 Feb. 2012. Keynote Speech. Δ

Tracy Worrell, Assistant Professor**Invited Presentations/Keynotes:**

Worrell, Tracy R. "Why Do the Voices in My Head Always Say Kill?: An Analysis of Disability on Primetime Television." 98th Annual National Communication Association Conference. NCA. Orlando, FL. 15 Nov. 2012. Conference Presentation. *

Irshad Altheimer, Assistant Professor

Journal Paper: Altheimer, Irshad. "Cultural Processes and Homicide Across Nations." *International Journal of Offender Therapy and Comparative Criminology*. (2012): Online. Web. *

John McCluskey, Associate Professor

Journal Paper: McCluskey, John, et al. "The Gap Between Reality and Research: Another Look at Detecting Deception in the Field Settings." *Policing: An International Journal of Police Strategies & Management* 35. 4 (2012): 723-740. Print. *

Journal Paper: McCluskey, John, Byongook Moon, and Merry Morash. "Causes of School Bullying: Empirical Test of a General Theory of Crime, Differential Association Theory, and General Strain Theory." *Crime and Delinquency* 57. 6 (2012): 849-877. Print. *

Judy L Porter, Associate Professor

Invited Presentations/Keynotes: Porter, Judy, et al. "Self-Control Theory and American Deaf Culture." Annual Meeting of the Academy of Criminal Justice Sciences. Academy of Criminal Justice Sciences. New York, NY. 13-17 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Porter, Judy, et al. "A Longitudinal Test of Self-Control Theory." Annual Meeting of the American Society of Criminology. American Society of Criminology. Chicago, IL. 14-17 Nov. 2012. Conference Presentation. *

Christopher Schreck, Professor

Journal Paper: Schreck, Christopher. "Examining What Makes Victim of Violence Unique: Extending Statistical Methods for Studying Specialization to the Analysis of Crime Victims." *Journal of Quantitative Criminology* 28. (2012): 651-671. Print. *

Journal Paper: Schreck, Christopher. "The Victim-Offender Overlap in Context: Examining the Role of Neighborhood Context." *Criminology* 50. (2012): 359-390. Print. *

Journal Paper: Schreck, Christopher. "The Dark Side of the Ivory Tower: Campus Crime as a Social Problem, authored by John J. Sloan III and Bonnie S. Fisher." *Criminal Justice Review* 37. (2012): 143-145. Print. *

Invited Presentations/Keynotes:

Schreck, Christopher. "Understanding What Makes Victims of Violence Unique." *Understanding What Makes Victims of Violence Unique*. Northeastern University, School of Criminology and Criminal Justice. Boston, MA. 19 Oct. 2012. Conference Presentation. *

Jason Scott, Associate Professor

Book Chapter: Scott, Jason and Tony Smith. "Policing and Crime Prevention." *Crime Prevention*. Sudbury, MA: Jones and Bartlett, 2012. 61-92. Print. *

Tony Smith, Assistant Professor

Journal Paper: Smith, Tony and Vaughn Crichlow. "A Cross-Cultural Validation of Self-Control Theory." *International Journal of Comparative & Applied Criminal Justice*. (2012): 1-19. Print. *

Book Chapter: Smith, Tony and Jason Scott. "Policing and Crime Prevention." Crime Prevention. Sudbury, MA: Jones and Bartlett, 2012. 61-92. Print. *

Department of Economics

Amit Batabyal, Professor

Journal Paper: Batabyal, Amitrajeet A. and Gregory J. DeAngelo. "Goods Allocation by Queuing and the Occurrence of Violence: A Probabilistic Analysis." International Review of Economics and Finance 24. (2012): 1-7. Print. £

Journal Paper: Batabyal, Amitrajeet A. and Hamid Beladi. "A Simple Auction Mechanism for Locating Noxious Facilities." Letters in Spatial and Resource Sciences 5. (2012): 1-6. Print. £

Journal Paper: Batabyal, Amitrajeet A. "Project Financing, Entrepreneurial Activity, and Investment in the Presence of Asymmetric Information." North American Journal of Economics and Finance 23. (2012): 115-122. Print. £

Journal Paper: Batabyal, Amitrajeet A. and Hamid Beladi. "Information Provision to Tourists: A Stochastic Analysis." Annals of Tourism Research 39. (2012): 1698-1701. Print. £

Journal Paper: Batabyal, Amitrajeet A. "Some Statistical Properties of a Damage Random Variable in Invasive Species Management." Studies in Regional Science 42. (2012): 189-195. Print. £

Journal Paper: Batabyal, Amitrajeet A. and Peter Nijkamp. "A Schumpeterian Model of Entrepreneurship, Innovation, and Regional Economic Growth." International Regional Science Review 35. (2012): 464-486. Print. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of The Grand Design, by S. Hawking and L. Mlodinow. Journal of Agricultural and Environmental Ethics 2012: 103-105. Print. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of Carbon Coalitions, by J. Meckling. Choice 2012: 1316. Print. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of The Difficulty of Being Good, by G. Das. Journal of Agricultural and Environmental Ethics 2012: 249-252. Print. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of New Directions in Regional Economic Development, ed. S. Desai, et al. Economic Development Quarterly 2012: 195-196. Print. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of The Dictator's Handbook, by B. Bueno de Mesquita and A. Smith. 2012: 1-352. Web. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of Escape from Camp 14, by B. Harden. 2012: 1-224. Web. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of The Green Paradox, by H.W. Sinn. Choice 2012: 2339. Print. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of Elements of an Evolutionary Theory of Welfare, by M. Binder. Review of Social Economy 2012: 375-378. Print. £

Published Review: Batabyal, Amitrajeet A. "Book Review." Rev. of Not for Profit, by M.C. Nussbaum. Review of Social Economy 2012: 378-381. Print. £

Journal Editor: Batabyal, Amitrajeet A., ed. Letters in Spatial and Resource Sciences. Heidelberg: Springer, 2012. Print. *

Journal Paper: Batabyal, Amitrajeet A. "Is Currency Devaluation by Exiting the Euro Wise?" Rochester Business Journal Newspaper. (2012): 34. Print. ^

Journal Paper: Batabyal, Amitrajeet A. "Government Must Go Green to Protect the Environment." Buffalo News Newspaper. (2012): A8. Print. ^

Journal Paper: Batabyal, Amitrajeet A. "Fighting Global Warming With Both Fists." Binghamton Press and Sun-Bulletin Newspaper. (2012): 3C. Print. ^

Journal Paper: Batabyal, Amitrajeet A. "When Less is Smarter Choice." Albany Times Union Newspaper. (2012): A9. Print. ^

Journal Paper: Batabyal, Amitrajeet A. "The Creative Class and Economic Growth in Cities." Rochester Business Journal Newspaper. (2012): 50. Print. ^

Journal Paper: Batabyal, Amitrajeet A. "Let's Welcome Entrepreneurs to the United States." Rochester Business Journal Newspaper. (2012): 38. Print. ^

Journal Paper: Batabyal, Amitrajeet A. "To Alleviate Poverty, Give People Hope." Syracuse Post-Standard Newspaper. (2012): A13. Print. ^

Journal Paper: Batabyal, Amitrajeet A. "Fuel Taxes Can Fight Climate Change." Binghamton Press and Sun-Bulletin Newspaper. (2012): 2B. Print. ^

Journal Paper: Batabyal, Amitrajeet A. "Will China Continue to Grow at a Breakneck Pace?" Rochester Business Journal Newspaper. (2012): 50. Print. ^

Journal Paper: Batabyal, Amit. "Goods Allocation by Queuing and the Occurrence of Violence: A Probabilistic Analysis." International Review of Economics and Finance 24. (2012): 1-7. Print. «

Journal Paper: Batabyal, Amit. "A Simple Auction Mechanism for Locating Noxious Facilities." Letters in Spatial and Resource Sciences 5. (2012): 1-6. Print. «

Journal Paper: Batabyal, Amit. "Entrepreneurial Activity, and Investment in the Presence of Asymmetric Information." *North American Journal of Economics and Finance* 23. (2012): 115-122. Print. «

Journal Paper: Batabyal, Amit. "Information Provision to Tourists: A Stochastic Analysis." *Annals of Tourism Research* 39. (2012): 1698-1701. Print. «

Journal Paper: Batabyal, Amit. "Some Statistical Properties of a Damage Random Variable in Invasive Species Management." *Studies in Regional Science* 42. (2012): 189-195. Print. «

Journal Paper: Batabyal, Amit. "A Schumpeterian Model of Entrepreneurship, Innovation, and Regional Economic Growth." *International Regional Science Review* 35. (2012): 464-86. Print. «

Eric Cardella, Assistant Professor

Journal Paper: Cardella, Eric. "Stackelberg in the Lab: The Effect of Group Decision Making and "Cooling-off" Periods." *Journal of Economic Psychology* 33. (2012): 1070-1083. Print. «

Journal Paper: Cardella, Eric. "Learning to Make Better Strategic Decisions." *Journal of Economic Behavior & Organization* 84. (2012): 382-392. Print. «

Javier Espinosa, Assistant Professor

Journal Paper: Espinosa, Javier. "Maternal Bereavement: The Heightened Morality of Mothers after the Death of a Child." *Economics and Human Biology*. (2012): Online. Web. «

Department of English

Cecilia Alm, Assistant Professor

Journal Paper: Alm, Cecilia Ovesdotter. "The Role of Affect in the Computational Modeling of Natural Language." *Language and Linguistics Compass (Computational & Mathematical)* 6. 7 (2012): 416-430. Web. *

Published Conference

Proceedings: Womack, Kathryn, et al. "Disfluencies as Extra-Propositional Indicators of Cognitive Processing." *Proceedings of the Ex-Prom-2012: Workshop on Extra-Propositional Aspect of Meaning in Computational Linguistics at the 50th Annual Meeting of the Association for Computational Linguistics 2012*. Ed. Roser Morante and Caroline Sporleder. Jeju, Korea: n.p., 2013. Web. *

Published Conference

Proceedings: McCoy, Wilson. "Annotation Schemes to Encode Domain Knowledge in Medical Narratives." *Proceedings of the The 6th Linguistic Annotation Workshop at the 50th Annual Meeting of the Assoc. for Computational Linguistics 2012*. Ed. Nancy Ide and Fei Xia. Jeju, Korea: n.p., 2012. Web. «

Published Conference

Proceedings: McCoy, Wilson, et al. "Linking Uncertainty in Physicians' Narratives to Diagnostic Correctness." Proceedings of the ExProm-2012: Workshop on Extra-Propositional Aspect of Meaning in Computational Linguistics at the 50th Annual Meeting of the Association for Computational Linguistics. Ed. Roser Morante and Caroline Sporleder. Jeju, Korea: n.p., 2013. Web. «

Published Conference

Proceedings: Lehrman, Michael T., Cecilia O. Alm, and Ruben A. Proano. "Detecting Distressed vs. Non-Distressed Affect State in Short Forum Texts." Proceedings of the 2012 Workshop on Language in Social Media at the Conference of the North Am. Chapter of the Assoc. for Comp. Linguistics-Human Language Technologies. Ed. ACL/NAACL-HLT (Meena Nagarajan, Sara Owsley Sood, Michael Gamon). Montreal, Canada: n.p., 2012. Web. «

Published Conference

Proceedings: Li, Rui, et al. "Learning Eye Movement Patterns for Characterization of Perceptual Expertise." Proceedings of the Symposium on Eye Tracking Research and Applications (ETRA). Ed. ETRA. Santa Barbara, CA: n.p., 2012. Web. «

Book Chapter: Stenport, Anna W. and Cecilia O. Alm. "Corporations, the Welfare State, and Covert Misogyny in The Girl with the Dragon Tattoo." Men Who Hate Women and the Women Who Kick Their Asses! Feminist Perspectives on Stieg Larsson's Millennium Trilogy. Nashville, TN: Vanderbilt University Press, 2012. 123-134. Print. £

Book Chapter: Histon, Jonathan, Esa Rantanen, and Cecilia O. Alm. "Air Traffic Control Voice Data Analysis to Validate NextGen Procedures." Advances in Human Aspects of Aviation (Advances in Human Factors and Ergonomics Series). Ed. S. Landry. Boca Raton, FL: CRC Press, 2012. 129-138. Web.

Published Review: Alm, Cecilia O. "Toddler and Parent Interaction: The Organization of Gaze, Pointing and Vocalization." Rev. of Pragmatics & Beyond New Series, Volume 192 by Anna Filipi, ed. Allan Bell. Journal of Sociolinguistics Apr. 2012: 294-296. Web.

Journal Paper: Alm, Cissi Ovesdotter. "The Role of Affect in the Computational Modeling of Natural Language." Language & Linguistics Compass: Computational & Mathematical 6. 7 (2012): 416-430. Print. ~

Book Chapter: Alm, Cissi Ovesdotter. "Air Traffic Control Voice Data Analysis to Validate NextGen Procedures." Advances in Human Aspects of Aviation. Boca Raton, FL: CRC Press, 2012. 129-128. Print.

Book Chapter: Alm, Cissi Ovesdotter and A. W. Stenport. "Corporations, the Welfare State, and Covert Misogyny in 'The Girl With the Dragon Tattoo'." *Men Who Hate Women and the Women Who Kick Their Asses! Feminist Perspectives on Stieg Larson's Millennium Trilogy*. Nashville, TN: Vanderbilt University Press, 2012. 123-134. Print. *

Published Conference

Proceedings: Alm, Cissi Ovesdotter, K. Womack, and W. McCoy. "Disfluences as Extra-Propositional Indicators of Cognitive Processing." *Proceedings of the 6th Linguistic Annotation Workshop at the 50th Annual Meeting of the Assoc. for Computational Linguistics*. Ed. Association for Computational Linguistics. Jeju, Korea: n.p., 2012. Print. *

Published Conference

Proceedings: Alm, Cissi Ovesdotter, W. McCoy, and R. Li. "Annotation Schemes to Encode Domain Knowledge in Medical Narratives." *Proceedings of the 6th Linguistic Annotation Workshop at the 50th Annual Meeting of the Assoc. for Computational Linguistics*. Ed. Association for Computational Linguistics. Jeju, Korea: n.p., 2012. Print. *

Published Conference

Proceedings: Alm, Cissi Ovesdotter and W. McCoy. "Linking Uncertainty in Physicians' Narratives to Diagnostic Correctness." *Proceedings of the Workshop on Extra-Propositional Aspects of Meaning in computational Linguistics at the 50th Annual Meeting of the Assoc. for Computational Linguistics at the 50th Annual Meeting of the Assoc. for Comp. Linguistics*. Ed. Association for Computational Linguistics. Jeju, Korea: n.p., 2012. Print. *

Published Conference

Proceedings: Alm, Cissi Ovesdotter, M. Lehrman, and R. A. Proano. "Detecting Distressed Versus Non-Distressed Affect State in Short Forum Texts." *Proceedings of the Workshop on Language in Social media (LSM 2012) at the Conference of the North Am. Chapter of the Assoc. for Computational Linguistics - Human Language Technologies 2012*. Ed. Association for Computational Linguistics. Montreal, Canada: n.p., 2012. Print. *

Published Review: Alm, Cissi Ovesdotter. "Review of Filipi, Anna." *Rev. of Toddler and Parent Interaction: The Organisation of Gaze, Pointing and Vocalisation*, by Anna Filipi. *Journal of Sociolinguistics* 16 Apr. 2012: 294-296. Print. *

Invited Presentations/Keynotes:

Alm, Cissi Ovesdotter. "Visual-Linguistic Approach to Medical Image Understanding." *Conference of the American Medical Informatics Association 2012*. American Medical Informatics Association. Chicago, IL. 3-7 Nov. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Alm, Cissi Ovesdotter. "Towards Understanding Diagnostic Cognitive Reasoning of Physicians." Mellon Foundation Symposium - The Multilingual Mind: Language Development and Methodology. Syracuse Humanities. Syracuse, NY. 27-29 Oct. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Alm, Cissi Ovesdotter. "NLP in Multimodal Cognitive Modeling of Dermatologists' Decision-Making." Natural Language Processing: State of the Art, Future Directions and Applications for Enhancing Clinical Decision-Making. NLM/NIBI Workshop. Bethesda, MD. Apr. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Alm, Cissi Ovesdotter. "Unconventional Computational Semantics." Colloquium/Seminar Series of the Ph.D. Program in Computing and Information Science. RIT. Rochester, NY. 6 Apr. 2012. Conference Presentation. *

External Scholarly Fellowships:

7/1/2012 -

6/30/2013

IGE Award

Amount: \$4,000

*

Josephine Bonds

Book Chapter: Alm, Cissi Ovesdotter and A. W. Stenport. "Corporations, the Welfare State, and Covert Misogyny in 'The Girl With the Dragon Tattoo'." Men Who Hate Women and the Women Who Kick Their Asses! Feminist Perspectives on Stieg Larsson's Millennium Trilogy. Nashville, TN: Vanderbilt University Press, 2012. 123-134. Print. *

Evelyn Brister, Assistant Professor

Journal Paper: Brister, Evelyn. "Visualizing Plant Community Change Using Historical Records." International Journal of Applied Geospatial Research 2. 4 (2012): 1-18. Print. *

Babak Elahi, Professor

Journal Paper: Elahi, Babak. "Poisons and Remedies in Sadegh Hedayat's The Blind Owl." Middle Eastern Literatures 15. 2 (2012): 178-80. Print. Δ

Journal Paper: Elahi, Babak. "Poisons and Remedies in Sadegh Hedayat's The Blind Owl." Middle Eastern Literatures 15. 2 (2012): 178-180. Print. *

Journal Paper: Elahi, Babak. "Crossing Tehran Avenue: Digital and Urban Spaces in Tehran." Cultural Studies 26. 6 (2012): 956-981. Print. «

Invited Presentations/Keynotes:

Elahi, Babak. "Crossing Tehran Avenue: Digital, Urban, and Diasporic Spaces." Iranian Studies Seminar Series. Foundation for Iranian Studies and Toronto Initiative for Iranian Studies. Toronto, Canada. 19 Oct. 2012. Lecture. *

Robert D Glick, Assistant Professor

Journal Paper: Glick, Robert. "Mermaid Anatomy." Notre Dame Review. 34 (2012). Print. *

David S Martins, Associate Professor**Invited Presentations/Keynotes:**

Martins, David. "Creating Global Partnerships Through Online International Collaborations: Resources and Examples." Navigating Global Currents Conference. Association of International Educators. Niagara Falls, NY. 4-6 Nov. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Martins, David. "Transnational Writing Programs." Annual Meeting of the CCCC. CCCC. St. Louis, MO. 21 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Martins, David. "Implications of Globally Networked Learning Environments for Writing Programs." Annual Meeting of the CCCC. CCCC. St. Louis, MO. 21 Mar. 2012. Conference Presentation. *

Michael Sarnowski, Visiting Assistant Professor

Book Chapter: Sarnowski, Michael. "Reading Akhmatova." Issue 5. Fairfield, CT: Mason's Road, 2012. Excerpt from "A Map to the Catacombs". Web.

Journal Paper: Sarnowski, Michael. "New Religion." Spry Literary Journal 1. 1 (2012). Web. ~

Laura A Shackelford, Assistant Professor**Invited Presentations/Keynotes:**

Shackelford, Laura. "Migrating Modalities of Expression; or, Mode-Play in Digital Poetics." E-Poetry 2012 Buffalo Summer Intensive. Loss pequeno Glazier. Buffalo, NY. 16-18 May 2012. Conference Presentation. *

Dianna K Winslow, Assistant Professor**Book Chapter:** Winslow, Dianna.

"Confronting the Past: Feminist Cultural Counter-Memory and Anti-Hegemonic Memorializing at the Women's Rights National Historical Park." We Are What We Remember: The American past Through Communication. Newcastle, UK: Cambridge Scholars Publishing, 2012. 182-200. Print. *

Invited Presentations/Keynotes:

Winslow, Dianna. "Citizen Scholars, Critical Food Literacy and Sustainability Initiatives in Higher Ed: Rhet/Comp's Role." Conference on College Composition and Communication. CCCC. St. Louis, MO. 21-24 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Winslow, Dianna. "Looking at Animals, Looking at Us: Critical Animal Studies and Rhetoric." 16th Biennial Rhetoric Society of America Conference. Rhetoric Society of America. San Antonio, TX. 25-28 May 2012. Conference Presentation. *

Department of Fine Arts

Michael E Ruhling, Professor

Book Chapter: Ruhling, Michael E. "Johann Michael Haydn." *The Symphonic Repertoire, Vol. 1: The Early 18th Century Symphony*. Bloomington, Indiana: Indiana University Press, 2012. 498-515. Print. Δ ≠

Journal Editor: Ruhling, Michael E., ed. *HAYDN: Online Journal of the Haydn Society of North America*. Rochester, NY: RIT Press, 2012. Web. * «

Department of History

Tamar Carroll, Assistant Professor

Published Review: Carroll, Tamar W. "Film Review Essay." Rev. of Jim Hubbard and Sarah Schulman, *United in Anger: A History of ACT UP, David France, How to Survive a Plague, and Jeffrey Schwartz, Vito: The Life of Gay Rights Activist Vito Russo*, ed. Stephanie Gilmore. *Committee on Lesbian, Gay, Bisexual and Transgender History Newsletter* Dec. 2012: 16-18. Print. Δ

Journal Paper: Carroll, Tamar W. and Lily Geismer. "Integrating Gender and Political History into Courses on Post-1945 U.S. History." *Perspectives on History* 50. 3 (2012): 28-30. Print. ~

Invited Presentations/Keynotes:

Carroll, Tamar W. "Working Class Feminism in the 1970s and 1980s." *Women's History Month Speaker*. Nazareth College. Rochester, NY. 7 Mar. 2012. Lecture.

Rebecca Edwards, Associate Professor

Full Length Book: Edwards, Rebecca. *Words Made Flesh: Nineteenth-Century Deaf Education and the Growth of Deaf Culture*. New York, NY: New York University Press, 2012. Print. *

Journal Paper: Edwards, Rebecca. "No Dummies: Deafness, Baseball, and American Culture." *Sign Language Studies* 12. 2 (2012): 171-187. Print. *

Invited Presentations/Keynotes:

Edwards, Rebecca. "Seeing the Signs: Doing Deaf History at Holy Cross and Beyond." Inaugural lecture for the series "Opening Doors: 40 Years of Women at Holy Cross". College of the Holy Cross. Worcester, MA. 20 Sep. 2012. Address.

Michael S Laver, Assistant Professor

Journal Paper: Laver, Michael. "Butter Diplomacy: Food and Drink as a Social Lubricant in Dutch East India Company Trade with Japan." *Education About Asia*. Spring (2012): 5-8. Print. *

Journal Paper: Laver, Michael. "Skins in the Game: The Dutch East India Company, Deerskins, and the Japan Trade." *World History Bulletin* 28:2. Fall (2012): 13-16. Print. *

Rebecca Scales, Assistant Professor

External Scholarly Fellowships:

6/1/2013 -

8/31/2013

Société des Professeurs de
Français et Francophones
d'Amérique

Amount: \$4,000

≠

Department of Modern Languages
and Cultures

Sara Armengot, Assistant Professor

Journal Paper: Armengot, Sara.

"Representing Community and Authority in the Red of His Shadow and the Festival of the Greasy Pole." *Latin American Literary Review*. (2012). Print. *

Journal Paper: Armengot, Sara.

"Creatures of Habit: Emergency Thinking in Alejandro Brugués Juan de los Muertos and Junot Díaz's 'Monstro'." *Trans*. (2012): Online. Web. *

Philippe Chavasse, Associate Professor

Invited Presentations/Keynotes:

Chavasse, Philippe and Xavier Beauvois. "Introduction to 'Of Gods and Men'." *Conable Film Series*. RIT. Rochester, NY. 11 Jan. 2012. Address. *

Hiroko Yamashita, Professor

Invited Presentations/Keynotes:

Yamshita, Hiroko. "How We Convert our Thoughts to Words: Sentence Production Research and Language-Specific Questions." *Psychology Colloquium*. RIT. Rochester, NY. Jan. 2012. Address. *

Invited Presentations/Keynotes:

Yamshita, Hiroko. "Length-Based Phrase-Ordering in Japanese and its Interaction with Canonality." *Cognitive Science Colloquium*. University of Buffalo. Buffalo, NY. Apr. 2012. Address. *

Department of Philosophy

Jesus Aguilar, Associate Professor

Book Chapter: Aguilar, Jesus.

"Metaphilosophical Internalism and the Possibility of a Distinctive Latin American Philosophy." *Reframing the Practice of Philosophy: Bodies of Color, Bodies of Knowledge*. Albany, NY: SUNY Press, 2012. 103-120. Print. *

Journal Paper: Aguilar, Jesus. "Basic Causal Deviance, Action Repertoires, and Reliability." *Nous-Philosophical Issues* 22. (2012): 1-19. Print. *

Journal Paper: Aguilar, Jesus. "Basic Casual Deviance, Action Repertoires, and Reliability." *Nous - Philosophical Issues* 22. (2012): 1-19. Print. *

Silvia Benso, Professor

Journal Editor: Benso, Silvia, ed. *Aesthetics of the Virtual*. Albany: SUNY Press, 2012. Print.

Book Chapter: Benso, Silvia. "Earthly Mortality and Other: From Levinas to Economic Sustainability." *Faces of Nature: Levinasian Ethics and Environmental Philosophy*. Pittsburgh, PA: Duquesne University Press, 2012. 11-28. Print. *

Book Chapter: Benso, Silvia. "Parchi e giardini urbani ovvero la natura resa pubblica (a partire da Hannah Arendt) [Urban Parks and Gardens, Or Nature Made Public (Following Up on Hannah Arendt)]." *Filosofia e spazio pubblico [Philosophy and Public Space]*. Bologna, Italy: II Mulino, 2012. 243-258. Print. *

Book Chapter: Benso, Silvia. "Joy Beyond Boredom: Totality and Infinity as a Work of Wonder." *Totality and Infinity at 50*. Pittsburgh, PA: Duquesne University Press, 2012. 11-28. Print. *

Evelyn Brister, Assistant Professor

Journal Paper: Brister, Evelyn. "Distributing Epistemic Authority: Refining Norton's Pragmatist Approach to Environmental Decision-Making." *Contemporary Pragmatism* 9. 1 (2012): 185-203. Print. *

Wade Robison, Professor

Full Length Book: Robinson, Wade. *Civility in Politics and Education*. New York, NY: Routledge, 2012. Print. *

Full Length Book: Robinson, Wade and David Suits. *New Essays on Adam Smith's Moral Philosophy*. Rochester, NY: RIT Press, 2012. Print. *

Book Chapter: Robison, Wade. "Foreword." *Moral Arguments for Universal Health Care: A Vision for Health Care Reform*. Bloomington, IN: AuthorHouse, 2012. Foreword. Print. *

Book Chapter: Robison, Wade. "Adam Smith's Order for Distributing the Wealth of Nations." *Economic Justice: Philosophical and Legal Perspectives*. New York, NY: Springer, 2012. 139-158. Print. *

Brian Schroeder, Professor

Journal Paper: Schroeder, Brian. "Reterritorializing Subjectivity." *Research in Phenomenology* 42. 2 (2012): 251-266. Print. *

Evan Selinger, Associate Professor

Journal Paper: Selinger, Evan. "Poverty Tourism, Justice, Policy: Can Ethical Ideals form the Basis of New Policy Regulations?" *Public Integrity* 14. 1 (2012): 39-50. Print. *

Journal Paper: Selinger, Evan, et al. "Nudge, Nudge, Nudge, or Shove, Shove - The Right Way for Nudges to Increase the Supply of Donated Cadaver Organs." *The American Journal of Bioethics* 12. 2 (2012): 32-39. Print. *

Book Chapter: Selinger, Evan, et al. "Using Sustainability Games to Elicit Moral Hypotheses From Scientists and Engineers." *Rethinking Climate Change Research: Clean Technology, Culture and Communication*. Burlington, VT: Ashgate, 2012. Print. *

Journal Paper: Selinger, Evan, Tom Seager, and Arnim Wiek. "Sustainable Engineering Science for Resolving Wicked Problems." *Journal of Agricultural and Environmental Ethics* 24. 4 (2012): 467-484. Print. *

Journal Paper: Selinger, Evan and Shaun Foster. "How'd My Avatar Get Into That Sneaker Ad?" Slate. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "E i cacciatori di dati personali costruiscono spot mirati." Lettura. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Why It's OK to Let Apps Make You a Better Person." The Atlantic. (2012): Online. Web. *

Journal Paper: Selinger, Evan, Tom Seager, and Jathan Sadowski. "When the Morality Pill Becomes a Thoughtless Experiment." Insitute for Ethics and Emerging Technologies. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Peace Prize for Homeless Hotspots." 3 Quarks Daily. (2012): Online. Web. *

Journal Paper: Selinger, Evan, Tom Seager, and Jathan Sadowski. "New Moral Problems and New Approaches: Millennials Compared to Baby Boomers and Generation X." The Sustainability Review. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Was Hitler a Bully? Teaching the Holocaust to Kids." Slate. (2012): Online. Web. *

Journal Paper: Selinger, Evan, Tom Seager, and Jathan Sadowski. "Are Millennials Less Green Than Their Parents?" 3 Quarks Daily. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "What Happens When We Turn the World's Most Famous Robot Test on Ourselves?" The Atlantic. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "L'anima delle cose." La Lettura. (2012): Online. Web. *

Journal Paper: Selinger, Evan and Tom Seager. "Digital Jiminy Crickets." Slate. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Ultrasound Technology Can Impede Informed Consent." 3 Quarks Daily. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "The Philosophy of the Technology of the Gun." The Atlantic. (2012): Online. Web. *

Journal Paper: Selinger, Evan, Tom Seager, and Jathan Sadowski. "Climate Change and Inter-Group Cooperation." This View of Life. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Nietzsche's Transformative Typewriter." Cyberology. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Nudge, Nudge: Can Software Prod Us Into Being More Civil?" The Atlantic. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Why Do We Love To Call New Technologies 'Creepy'?" Slate. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Future of Privacy Forum Director: Browser Settings Should Be as Easy To Navigate as a Car." *Slate*. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "'But Everybody's Doing It!' Lance Armstrong and the Philosophy of Making Bad Decisions." *The Atlantic*. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Lab Rats in the Social Experiment of Personalized Advertising." *The Huffington Post*. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Impatience as Digital Virtue." *The Huffington Post*. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Saintly Simulation." *3 Quarks Daily*. (2012): Online. Web. *

Journal Paper: Selinger, Evan and Evelyn Kim. "Can a Robot Learn to Cook?" *The Atlantic*. (2012): Online. Web. *

Journal Paper: Selinger, Evan and John Mix. "How To Make a Spy Exhibit Boring." *Slate*. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "Why We Need New Rights to Privacy." *Slate*. (2012): Online. Web. *

Journal Paper: Selinger, Evan. "The Online Funeral." *The Wall Street Journal*. (2012): Online. Web. *

David Suits, Professor

Journal Paper: Suits, David. "Death and Other Things." *The Philosophical Forum* 43. 2 (2012): 215-230. Print. *

Full Length Book: Suits, David and Wade Robison. *New Essays on Adam Smith's Moral Philosophy*. Rochester, NY: RIT Press, 2012. Print. *

Katie Terezakis, Associate Professor

Journal Paper: Terezakis, Katie. "Knowledge and Authority in the Metaphysics of John William Miller." *The Plurist* 7. 2 (2012): 55-76. Print. *

Book Chapter: Zlomislic, Marko. "J.G. Hamann and the Self-Refutation of Radical Orthodoxy." *The Poverty of Radical Orthodoxy*. Eugene, OR: Pickwick/Wipf and Stock, 2012. Forthcoming. Print. *

Book Chapter: Anderson, Lisa Marie. "Is Theology Possible After Hamann?" *Hamann and the Tradition*. Evanston, IL: Northwestern University Press, 2012. Print. *

Lawrence Torcello, Assistant Professor

Journal Paper: Torcello, Larry. "The Trouble with Pseudoskepticism." *Skeptical Inquirer* 36. 3 (2012): 37-41. Print.

Department of Political Science

Lauren Hall, Assistant Professor

Full Length Book: Hall, Lauren K. and Paul Seaton. *Lucid Mind, Intrepid Spirit: Essays on the Thought of Chantal Delsol*. 1st ed. Lanham, MD: Lexington Books, 2012. Print. *

Dongryul Kim, Assistant Professor

Journal Paper: Kim, Ray Dongryul. "Social Origins of Nuclear Policy: A Niebuhrian." *North Korea Review* 8. 1 (2012): 117-134. Print. *

Journal Paper: Kim, Ray Dongryul. "The Legacy of Deferred Compensation in Korea's Administrative Reforms." *The Korean Journal of Policy Studies* 27. 2 (2012): 203-218. Print. *

Department of Psychology

Joseph S Baschnagel, Assistant Professor

Journal Paper: Baschnagel, J.S. "Psychophysiological Assessment of Emotional Processing in Patients with Borderline Personality Disorders and Without Comorbid Substance Use." *Personality Disorders: Theory, Research, and Treatment*. (2012): Advance online publication. Web. *

Caroline M DeLong, Assistant Professor

Journal Paper: Kannyo, Irene and Caroline DeLong. "The Effect of Musical Training on Auditory Perception." *Proceedings of Meetings on Acoustics* 14. 25002 (2012): 1-10. Web. ~

Journal Paper: DeLong, C.M. "The Effect of Musical Training on Auditory Perception." *Proceedings of Meetings on Acoustics* 14. (2012): 1-10. Print. *

Nicholas DiFonzo, Professor

Invited Presentations/Keynotes: DiFonzo, N. "Predictors of Forgiveness Seeking." International Meeting of the Christian Association of Psychological Studies. Christian Association of Psychological Studies. Washington, DC. 30 Mar. 2012. Conference Presentation. *

John Edlund, Assistant Professor

Journal Paper: Sagarin, B.J., et al. "Sex Differences in Jealousy: A Meta-Analytic Examination." *Evolution and Human Behavior* 33. (2012): 595-614. Print. * £

Journal Paper: Scherer, C.R., et al. "Trait Expectancies and Stereotype Expectancies Affect Person Memory Similarly in a Jury Context." *Journal of Social Psychology* 152. (2012): 613-622. Print. * £

Journal Paper: Edlund, J.E. "Sex Differences in Jealousy: A Meta-Analytic Examination." *Evolution and Human Behavior* 33. (2012): 595-614. Print. *

Journal Paper: Edlund, J.E. "Trait Expectancies and Stereotype Expectancies Affect Person Memory Similarly in a Jury Context." *Journal of Social Psychology* 152. 5 (2012): 613-622. Print. *

Suzanne B Graney, Associate Professor

Invited Presentations/Keynotes:

Bamonto, S. "Effects of Frequent Progress Monitoring on Reading Achievement of Elementary Students at Risk for Reading Failure." National Association of School Psychologists. National Association of School Psychologists. San Francisco, CA. 24 Feb. 2011. Conference Presentation. *

Andrew Herbert, Professor

Journal Paper: Herbert, A.M. "Eye Contact and Video-Mediated Communication." *Displays*. (2012): Online. Web. *

Journal Paper: Herbert, A.M. "The Effect of Vertical and Horizontal Symmetry on Memory for Tactile Patterns in Late Blind Individuals." *Attention, Perception & Psychophysics* 75. 2 (2012): 375-82. Print. *

M Ann Howard, Professor

Invited Presentations/Keynotes:

Howard, Ann. "Connecting Asset-Based Community Development and Sustainability." Urban Studies Research Symposium. Malmo University. Malmo, Sweden. 9 Mar. 2012. Lecture. *

Jennifer A Lukomski, Associate Professor

Journal Paper: Lukomski, J. "Do You See What I See? School Perspectives of Deaf Children, Hearing Children, and Their Parents." *European Journal of Special Needs Education* 27. 4 (2012): 483-497. Print. *

Scott P Merydith, Professor

Journal Paper: Merydith, S. P. "The Relationship of Students' Personality Traits and Psychosocial Characteristics with Academic Retention." *Journal of College Student Retention: Research, Theory, & Practice* 13. 4 (2012): 457-478. Print. *

Vincent Pandolfi, Associate Professor

Journal Paper: Pandolfi, V. "An Initial Evaluation of the Social Communication Questionnaire for the Assessment of Autism Spectrum Disorders in Children with Down Syndrome." *Journal of Developmental and Behavioral Pediatrics* 33. 2 (2012): 134-145. Print. *

Book Chapter: Pandolfi, V., R. Bender, and C.I. Magyar. "Evaluating the Student." *Making Inclusion Work for Students with Autism Spectrum Disorders*. New York, NY: The Guilford Press, 2012. 39-68. Print. *

Journal Paper: Pandolfi, V. "Considerations for Establishing a Multi-tiered Problem-Solving Model for Students with Autism Spectrum Disorders and Comorbid Emotional-Behavioral Disorders." *Psychology in Schools* 49. 10 (2012): 975-987. Print. *

Esa Rantanen, Associate Professor

Journal Paper: Rantanen, Esa and Christopher Wickens. "Conflict Resolution Maneuvers in Air Traffic Control: Investigation of Operational Data." *International Journal of Aviation Psychology* 22. 3 (2012): 266-281. Print. «

Published Conference

Proceedings: Rantanen, Esa and William Moroney. "Employers' Expectations for Education and Skills of New Human Factors/Ergonomics Professionals." Proceedings of the 56th Annual Meeting of the Human Factors and Ergonomics Society, Boston, MA, October 22-26, 2012. Ed. HFES. Santa Monica, CA: Human Factors and Ergonomics Society, 2012. Print. «

Published Conference

Proceedings: Moroney, William and Esa Rantanen. "Student Perceptions of their Educational and Skill Needs in the Workplace." Proceedings of the 56th Annual Meeting of the Human Factors and Ergonomics Society, Boston, MA, October 22-26, 2012. Ed. HFES. Santa Monica, CA: Human Factors and Ergonomics Society, 2012. Print. «

Published Conference

Proceedings: Rantanen, Esa, et al. "Analysis of Hospital Oncology Department Pharmacy." Proceedings of the Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap, Baltimore, MD, March 12-14, 2012. Ed. HFES. Santa Monica, CA: Human Factors and Ergonomics Society, 2012. Web. £

Published Conference

Proceedings: Deeter, Joe and Esa Rantanen. "Human Reliability Analysis in Healthcare." Proceedings of the Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap, Baltimore, MD, March 12-14, 2012. Ed. HFES. Santa Monica, CA: Human Factors and Ergonomics Society, 2012. Web. £

Book Chapter: Rantanen, Esa. "Human Factors Validation of NextGen Technologies and Procedures." Advances in Human Aspects of Aviation (Advances in Human Factors and Ergonomics Series). Ed. Steven Landry. Boca Raton, FL: CRC Press, 2012. 341-350. Print. Δ

Book Chapter: Histon, Jonathan, Esa Rantanen, and Cecilia Ovesdotter Alm. "Air Traffic Control Voice Data Analysis to Validate NextGen Procedures." Advances in Human Aspects of Aviation (Advances in Human Factors and Ergonomics Series). Ed. Steven Landry. Boca Raton, FL: CRC Press, 2012. 129-138. Print. Δ

Journal Paper: Rantanen, E.M. "Conflict Resolution Maneuvers in Air Traffic Control: Investigation of Operational Data." The International Journal of Aviation Psychology 22. 3 (2012): 266-281. Print. *

Published Conference

Proceedings: Rantanen, E.M. and W.F. Moroney. "Employers' Expectations for Education and Skills of New Human Factors/Ergonomics Professionals." Proceedings of the 56th Annual Meeting of the Human Factors and Ergonomics Society. Santa Monica, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Rantanen, E.M. and W.F. Moroney. "Student Perceptions of Their Educational and Skill Needs in the Workplace." Proceedings of the 56th Annual Meeting of the Human Factors and Ergonomics Society. Santa Monica, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Rantanen, E.M. "Analysis of Hospital Oncology Department Pharmacy Operations." Proceedings of the 2012 Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap. Santa Monica, CA: n.p., Print. *

Published Conference

Proceedings: Rantanen, E.M. "Human Reliability Analysis in Healthcare." Proceedings of the 2012 Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap. Santa Monica, CA: n.p., Print. *

Book Chapter: Rantanen, E.M. "Human Factors Validation of NextGen Technologies and Procedures." Advances in Human Aspects of Aviation. Boca Raton, FL: CRC Press, 2012. 341-350. Print. *

Book Chapter: Rantanen, E.M., C. Alm, and J. Histon. "Air Traffic Control Voice Data Analysis to Validate Next-Gen Procedures." Advances in Human Aspects of Aviation. Boca Raton, FL: CRC Press, 2012. 129-138. Print. *

Journal Paper: Rantanen, E.M. "Eye Contact and Video-Mediated Communication: A Review." Displays. (2012): Online. Web. *

Lindsay S Schenkel, Assistant Professor

Journal Paper: Schenkel, L.S., et al. "Cognitive Dysfunction is Worse Among Pediatric Patients with Bipolar Disorder Type I than Type II." Journal of Child Psychology and Psychiatry 53. (2012): 775-781. Print. *

Journal Paper: Schenkel, L.S., et al. "Negative Emotion Impairs Working Memory in Pediatric Patients with Bipolar Disorder Type I." Psychological Medicine 8. (2012): 1-11. Print. *

Department of School Psychology

Vincent Pandolfi, Associate Professor

Journal Paper: Magyar, C.I. and V. Pandolfi. "Considerations for Establishing a Multi-Tiered Problem-Solving Model for Students with Autism Spectrum Disorders and Comorbid Emotional-Behavioral Disorders." Psychology in the Schools 49. 10 (2012): 975-987. Print. « Δ £

Book Chapter: Pandolfi, V. and C.I. Magyar. "Child Behavior Checklist in Autism." Encyclopedia of Autism Spectrum Disorders. Ed. F.R. Volkmar. New York, NY: Springer, 2012. 581-587. Print. Δ £ ~

Book Chapter: Pandolfi, V. and C.I. Magyar. "Assessment of Co-Occurring Emotional and Behavioral Disorders in Youth with ASD Using the Child Behavior Checklist." The Comprehensive Guide to Autism. Ed. V.B. Patel, V.R. Preedy, and C. Martin. Heidelberg, Germany: Springer-Verlag Berlin Heidelberg, 2012. 1-6. Print. Δ £ ~

Journal Paper: Magyar, C.I., V. Pandolfi, and C.A. Dill. "An Initial Evaluation of the Social Communication Questionnaire for the Assessment of Autism Spectrum Disorders in Children with Down Syndrome." Journal of Developmental and Behavioral Pediatrics 33. 2 (2012): 134-145. Print. * « £

Book Chapter: Magyar, C.I., V. Pandolfi, and R. Bender. "Evaluating the Student." *Making Inclusion Work for Students with Autism Spectrum Disorders: An Evidence-Based Guide*. Ed. T. Smith. New York, NY: Guilford Press, 2012. 39-68. Print. Δ £

Invited Presentations/Keynotes: McCumber, C. and V. Pandolfi. "Kindergarten Transition Practices for Students with Autism Spectrum Disorders." National Association of School Psychologists Annual Conference. National Association of School Psychologists. Philadelphia, PA. 24 Feb. 2012. Conference Presentation. * « £

Invited Presentations/Keynotes: Nosek, K and Vincent Pandolfi. "School-Based Professionals' Self-Reported Training, Preparation, and Confidence in Providing Services to Students with ASD." National Association of School Psychologists Annual Conference. National Association of School Psychologists. Philadelphia, PA. 24 Feb. 2012. Conference Presentation. * « £

Department of Science Technology and Society/ Public Policy

M Ann Howard, Professor

Invited Presentations/Keynotes: Howard, Ann. "Youth-Adult Partnerships - Asserting the Civil Rights of Youth." *Campus Community Partnerships for Health*. Campus Community Partnerships for Health. Houston, TX. 20 Apr. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Howard, Ann. "Sustainable Urban Development - The Imperative of Building Community Capital through Active Citizen Involvement." *Open Seminar Series, Community Involvement in Sustainable Urban Development: Hope, Limitations and Challenges*. Malmo University. Malmo, Sweden. 21 Sep. 2012. Lecture. *

James Winebrake, Professor

Journal Paper: Winebrake, Jamie, et al. "Estimating the Direct Rebound Effect for On-road Freight Transportation." *Energy Policy* 48. (2012): 252-259. Print. *

Journal Paper: Winebrake, James, et al. "Greater Focus Needed on Methane Leakage from Natural Gas Infrastructure." *Proceedings from the National Academy of Sciences*. (2012): Online. Web. *

Department of Sociology & Anthropology

Christine Kray, Associate Professor

Book Chapter: Kray, Christine A. "A God for the Poor: Folk Catholicism and Social Justice Among the Yucatec Maya." *Wiley-Blackwell Companion to Religion and Social Justice*. Ed. Michael D. Palmer and Stanley M. Burgess. Oxford, United Kingdom: Blackwell, 2012. 373-387. Print. «

Benjamin N Lawrance, Associate Professor

Full Length Book: Lawrance, Benjamin N. and Richard L. Roberts. *Trafficking in Slavery's Wake: Law and the Experiences of Women and Children in Africa*. New African Histories ed. Athens, OH: Ohio University Press, 2012. Print. *

Full Length Book: Lawrance, Benjamin N. and Carolyn de la Peña. *Local Foods Meet Global Foodways: Tasting History*. 1st ed. New York, NY: Routledge/Taylor Francis, 2012. Print. *

Book Chapter: Lawrance, Benjamin N. and Richard L. Roberts. "Contextualizing Trafficking in Women and Children in Africa." *Trafficking in Slavery's Wake: Law and the Experiences of Women and Children in Africa*. Athens, OH: Ohio University Press, 2012. 1-34. Print. *

Book Chapter: Lawrance, Benjamin N. "Documenting Child Slavery with Personal Testimony: The Origins of Anti-Trafficking NGOs and Contemporary Neo-Abolitionism." *Trafficking in Slavery's Wake: Law and the Experiences of Women and Children in Africa*. Ed. Richard L. Roberts. Athens, OH: Ohio University Press, 2012. 163-182. Print. *

Book Chapter: Lawrance, Benjamin N. and Carolyn de la Peña. "Foodways, Foodism, or Foodscapes: Navigating the Local/Global and Food/Culture Divides." *Local Foods Meet Global Foodways: Tasting History*. New York, NY: Routledge/Taylor Francis, 2012. 1-19. Print. *

Published Review: Lawrance, Benjamin N. Rev. of *West African Narratives of Slavery: Texts from Late Nineteenth and Early Twentieth Century Ghana*, by Sandra E. Greene. *Journal of Biography* Jul. 2012: 519-522. Print. *

External Scholarly Fellowships:

12/1/2011 -

11/30/2012

National Endowment for the Humanities

Amount: \$54,000

*

Uli Linke, Professor

Journal Paper: Linke, Uli. "Reimagining Alterities: The Formation of Identities through Memory, History, and Place." *Reviews in Anthropology* 41. 3 (2012): 188-212. Print. *

Journal Paper: Linke, Uli. "Mobile Imaginaries, Portable Signs: Global Consumption and Representations of Slum Life." *Tourism Geographies: An International Journal of Tourism Space, Place, and Environment* 14. 2 (2012): 294-319. Print. «

Book Chapter: Linke, Uli. "Gendering Europe, Europeanizing Gender: The Politics of Difference in a Global Era." *The Oxford Handbook of Post-war European History*. Ed. Dan Stone. Oxford, UK: Oxford University Press, 2012. 401-443. Print. Δ ~

Book Chapter: Linke, Uli. "Body-Shock: The Political Aesthetics of Death." *Images of Power and the Power of Images: Control, Ownership, and Public Space*. Chicago, IL: Berghahn Books, 2012. 80-98. Print. Δ ~

Invited Presentations/Keynotes:

Linke, Uli. "Bare Bones: Civil War and Memory Politics in Contemporary Spain." American Anthropological Association Annual Meeting. American Anthropological Association. San Francisco, CA. 14 Nov. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Linke, Uli. "Mimicry, Masquerade, and Ethnic Drag in German Cinema." 36th Annual Meeting. German Studies Association. Milwaukee, WI. 7 Oct. 2012. Conference Presentation. £

Journal Paper: Linke, Uli. "Reimagining Alterities: The Formation of Identities through Memory, History, and Place." *Reviews in Anthropology* 41. 3 (2012): 188-212. Print. «

Book Chapter: Linke, Uli. "Gendering Europe - Europeanizing Gender: The Politics of Difference in a Global Era." *The Oxford Handbook of Post-war European History*. Ed. Dan Stone. Oxford, England: Oxford University Press, 2012. 401-443. Print. *

Journal Paper: Linke, Uli. "Mobile Imaginaries, Portable Signs: Global Consumption and Representations of Slum Life." *Tourism Geographies: An International Journal of Tourism Space, Place, and Environment* 14. 2 (2012): 294-319. Print. «

Book Chapter: Linke, Uli. "Body-Shock: The Political Aesthetics of Death." *Images of Power and the Power of Images: Control Ownership, and Public Space*. Ed. Judith Kapferer. Chicago, IL: Bergahn, 2012. 80-98. Print. *

David Overfelt, Visiting Assistant Professor

Invited Presentations/Keynotes:

Overfelt, Dave. "Planning for Possibility: Imagining the Future of an Ordinary City." *The Athenaeum Series*. Western New England University. Springfield, MA. 27 Apr. 2012. Lecture.

Vincent S Serravallo, Associate Professor

Journal Paper: Serravallo, Vincent. "Parallel Practices of Union Avoidance in Business and Academic During Union Representation Campaigns." *Workplace: A Journal For Academic Labo* 20. (2012): 1-16. Print. «

Jason t Younker, Associate Professor

External Scholarly Fellowships:

5/27/2012 -
6/7/2014
Seneca Nation of Indians
Amount: \$49,792
*

External Scholarly Fellowships:

3/2/2011 -
6/30/2013
New York State Department of Education
Amount: \$147,733
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Invited Presentations/Keynotes:

Younker, Jason. "A Debt to Those Who Blazed the Path Before Us." National Society of Collegiate Scholars. RIT. Rochester, NY. 28 Sep. 2012. Keynote Speech.



COLLEGE OF

SCIENCE





Dr. Lea Michel



FEATURED FACULTY

LEA VACCA MICHEL IS AN ASSISTANT PROFESSOR IN THE SCHOOL OF CHEMISTRY AND MATERIALS SCIENCE. CURRENTLY HER WORK IS FOCUSED ON A PROTEIN EXPRESSED BY THE PATHOGENIC BACTERIUM NONTYPABLE HAEMOPHILUS INFLUENZAE (NTHI) THAT IS IN DEVELOPMENT AS A VACCINE FOR PROTECTION AGAINST OTITIS MEDIA (EAR INFECTION), SINUSITIS, AND ACUTE EXACERBATIONS OF CHRONIC BRONCHITIS IN CHILDREN AND ADULTS.

NTHi is a Gram-negative bacterium and “P6” is the protein under study in the Michel Lab. Although P6 had been well studied for its immunological properties, not much was known about its structural orientation or localization in NTHi until Dr. Michel began to study it. For years it was assumed that P6 was a transmembrane protein, allowing it to interact with both intracellular and extracellular molecules while physically spanning the membrane. Using nuclear magnetic resonance (NMR) spectroscopy and protein modeling, her group demonstrated that P6 could not span the membrane (Vaccine 2011, 29: 1624-1627). Further study showed that P6 was inserted into the outer membrane on NTHi in two distinct orientations- a biological phenomenon seen in only one other bacterial lipoprotein (Michel et al J Bacteriol 2013, revision under review).

For the past 3 years, Dr. Michel’s group has worked in collaboration with Michael Pichichero, MD and his team at the Rochester General Hospital Research Institute. Dr. Pichichero is a physician scientist, the Director of RGHRI, and his team uses a combination of epidemiology, immunology, molecular biology and microbiology to study proteins of NTHi and other respiratory bacteria as vaccine candidates.

Dr. Michel was recently awarded a grant from the Camille and Henry Dreyfus Foundation through the Special Grant Program in the Chemical Sciences to work with deaf students on P6 research.

LEA VACCA MICHEL
ASSISTANT PROFESSOR
COLLEGE OF SCIENCE

Chester F. Carlson Center for Imaging Science

Nathan D. Cahill, Associate Professor

Published Conference

Proceedings: Chen, Bin, Anthony Vodacek, and Nathan D. Cahill. "Novel Spectral Similarity Measure for High Resolution Urban Scene." Proceedings of the 2012 IEEE International Geoscience and Remote Sensing Symposium (IGARSS). Munich, Bavaria: n.p., 2012. Print. *

Published Conference

Proceedings: Keane, Tommy, et al. "Sphere2: Jerry's Rig, an OpenGL Application for Non-linear Panorama Viewing and Interaction." Proceedings of the 2012 Western New York Image Processing Workshop. Rochester, New York: n.p., 2012. Print. *

Tongbo Chen

Published Conference

Proceedings: Berns, Roy S. and Tongbo Chen. "Updated Practical Total Appearance Imaging of Paintings." Proceedings of the Archiving Conference. Copenhagen, Denmark: n.p., 2012. Print. *

Published Conference

Proceedings: Berns, Roy S. and Tongbo Chen. "Practical Total Appearance Imaging of Paintings." Proceedings of the Archiving Conference. Copenhagen, Denmark : n.p., 2012. Print. *

A G. DiFrancesco

Journal Paper: Hailstone, Richard K., et al. "Iron and Zirconium Doping of Ceria at Low Temperatures." Journal of Physical Chemistry C submitted. (2012). Print. *

Adam A. Goodenough

Published Conference

Proceedings: Kerekes, John P., et al. "First Principles Modeling for Lidar Sensing of Complex Ice Surfaces." Proceedings of the IGARSS 2012. Munich, Bavaria: n.p., 2012. Print. *

Jake Noel-Storr, Research Assistant Professor

Journal Paper: Kharb, Preeti, et al. "VLBA and Chandra Observations of Jets in FRI Radio Galaxies: Constraints on Jet Evolution." Astrophysical Journal 754. 1 (2012): 1-17. Print. *

Journal Paper: Privon, George, et al. "Modeling the Infrared Emission in Cygnus A." Astrophysical Journal 747. 1 (2012): 46-57. Print. *

Published Conference

Proceedings: Noel-Storr, Jake and Brandon N. Cole. "Innovative Low Cost Science Education Technology Tools: Increasing Access to Science for All." Proceedings of the Connecting People to Science: A National Conference on Science Education and Public Outreach. Baltimore, Maryland: n.p., 2012. Print. *

N Rao, Professor**Published Conference**

Proceedings: Dogra, V, et al. "Preliminary Results of Photoacoustic Imaging for Thyroid Cancer Detection." Proceedings of the 2012 RSNA Scientific Assembly and Annual Meeting. Chicago, Illinois: n.p., 2012. Print. *

Published Conference

Proceedings: Dogra, V, et al. "Photoacoustic Imaging for Prostate Cancer Detection: Preliminary Results." Proceedings of the 2012 AIUM Conference. Phoenix, Arizona: n.p., 2012. Print. *

Harvey Rhody, Professor

Journal Paper: Keane, Tommy P., et al. "Practical Image Registration Concerns Overcome by the Weighted and Filtered Mutual Information Metric." Journal of Electronic Imaging 21. 2 (2012). Print. *

Journal Paper: Gurram, Prudhvi, Eli Saber, and Harvey Rhody. "Semiautomated System for Three-Dimensional Modeling of Buildings from Aerial Video." Journal of Electronic Imaging 21. 1 (2012). Print. *

Published Conference

Proceedings: Rossi, Adam J., et al. "Abstracted Workflow Framework with a Structure from Motion Application." Proceedings of the Western New York Image Processing Workshop. Rochester, New York: n.p., 2012. Print. *

Published Conference

Proceedings: Keane, Tommy, et al. "Sphere2: Jerry's Rig, an OpenGL Application for Non-linear Panorama Viewing and Interaction." Proceedings of the 2012 Western New York Image Processing Workshop. Rochester, New York: n.p., 2012. Print. *

Stanley R. Rotman

Journal Paper: Albano, James A., David W. Messinger, and Stanley R. Rotman. "Commuter Time Distance Transformation Applied to Spectral Imagery and its Utilization in Material Clustering." Optical Engineering 51. 7 (2012). Print. *

Published Conference

Proceedings: Sharon, Gil, et al. "Detection of Anomalous Activity in Hyperspectral Imaging: Metrics for Evaluating Algorithms." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, Maryland: n.p., 2012. Print. *

Avanti Tilak

Journal Paper: Kharb, Preeti, et al. "VLBA and Chandra Observations of Jets in FRI Radio Galaxies: Constraints on Jet Evolution." Astrophysical Journal 754. 1 (2012): 1-17. Print. *

Derek J. Walvoord**Published Conference**

Proceedings: Rossi, Adam J., et al. "Abstracted Workflow Framework with a Structure from Motion Application." Proceedings of the Western New York Image Processing Workshop. Rochester, New York: n.p., 2012. Print. *

Peter Bajorski, Associate Professor

Journal Paper: Bajorski, Peter. "Generalized Detection Fusion for Hyperspectral Images." IEEE Transactions on Geoscience and Remote Sensing 50. 4 (2012): 1199 -1205. Print. *

Journal Paper: Bajorski, Peter. "Target Detection Under Misspecified Models in Hyperspectral Images." Journal of Selected Topics in Applied Earth Observations and Remote Sensing 5. 2 (2012): 470-477. Print. *

Journal Paper: Bajorski, Peter. "Practical Evaluation of Max-Type Detectors for Hyperspectral Images." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 5. 2 (2012): 462-469. Print. *

Journal Paper: Bajorski, Peter. "Non-Gaussian Linear Mixing Models for Hyperspectral Images." Journal of Electrical and Computer Engineering 2012. Article ID 818175 (2012): 1-8. Print. *

William Basener, Professor

Journal Paper: Schlamm, Ariel, David W. Messinger, and Bill Basener. "Interest Segmentation of Large Area Spectral Imagery for Analyst Assistance." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 5. 2 (2012). Print. *

Journal Paper: Messinger, David W., et al. "Metrics of Spectral Image Complexity with Application to Large Area Search." Optical Engineering 51. 3 (2012). Print. *

Published Conference Proceedings: Ziemann, Amanda, et al. "Assessing the Impact of Background Spectral Graph Construction Techniques on the Topological Anomaly Detection Algorithm." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, Maryland: n.p., 2012. Print. *

Stefi Baum, Professor

Journal Paper: Kharb, Preeti, et al. "VLBA and Chandra Observations of Jets in FRI Radio Galaxies: Constraints on Jet Evolution." Astrophysical Journal 754. 1 (2012): 1-17. Print. *

Journal Paper: Privon, George, et al. "Modeling the Infrared Emission in Cygnus A." Astrophysical Journal 747. 1 (2012): 46-57. Print. *

Roy Berns, Professor

Book Chapter: Berns, Roy S. "Image Simulation of the Blue Background in Pacino di Bonaguida's Chiarito Tabernacle Using Color and Imaging Sciences." Florence At the Dawn of the Renaissance Painting and Illumination 1300-1350. Los Angeles, California: J. Paul Getty Museum, 2012. Print. *

Published Conference

Proceedings: Abed, Farhad M., Roy S. Berns, and Kenichiro Masaoka. "Improvement of Camera Characterization Process for Different Capturing Geometries Using Saunderson Surface Correction." Proceedings of the 20th Color Imaging Conference. Los Angeles, California: n.p., 2012. Print. *

Published Conference

Proceedings: Derhak, Maxim W. and Roy S. Berns. "Analysis and Correction of the Joensuu Munsell Glossy Spectral Database." Proceedings of the 20th Color Imaging Conference. Los Angeles, California: n.p., 2012. Print. *

Published Conference

Proceedings: Masaoka, Kenichiro, et al. "The Number of Discernible Object Colors is Unknown." Proceedings of the 20th Color Imaging Conference. Los Angeles, California: n.p., 2012. Print. *

Published Conference

Proceedings: Berns, Roy S. and Tongbo Chen. "Updated Practical Total Appearance Imaging of Paintings." Proceedings of the Archiving Conference. Copenhagen, Denmark: n.p., 2012. Print. *

Published Conference

Proceedings: Berns, Roy S. and Stanley Smith. "Analysis of Color Management Default Camera Profiles for Museum Imaging Applications." Proceedings of the Archiving Conference. Copenhagen, Denmark : n.p., 2012. Print. *

Published Conference

Proceedings: Berns, Roy S. and Tongbo Chen. "Practical Total Appearance Imaging of Paintings." Proceedings of the Archiving Conference. Copenhagen, Denmark : n.p., 2012. Print. *

Scott Brown

Journal Paper: Schott, John R., et al. "Simulation of Image Performance Characteristics of the Landsat Data Continuity Mission (LDCM) Thermal Infrared Sensor (TIRS)." Remote Sensing 4. (2012): 2477-2491. Print. *

Published Conference

Proceedings: Kerekes, John P., et al. "First Principles Modeling for Lidar Sensing of Complex Ice Surfaces." Proceedings of the IGARSS 2012. Munich, Bavaria: n.p., 2012. Print. *

Published Conference

Proceedings: Schott, John R., Aaron D. Gerace, and Scott D. Brown. "Incorporation of Advanced Sensor Models in DIRSIG." Proceedings of the 34th Review of Atmospheric Transmission Models Meeting. Albuquerque, New Mexico: n.p., 2012. Print. *

Published Conference

Proceedings: Gerace, Aaron D., et al. "Using DIRSIG to Identify Uniform Sites and Demonstrate the Utility of the Side-Slither Calibration Technique for Landsat's New Pushbroom Instruments." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, Maryland: n.p., 2012. Print. *

Roger R. Dube, Research Professor**Published Conference**

Proceedings: Dube, Roger R. "A Multichannel Approach for the Segmentation of Solar Corona Features." Proceedings of the Western New York Image Processing Workshop. Rochester, New York: n.p., 2012. Print. *

Published Conference

Proceedings: Dube, Roger R., Santosh Suresh, and Chance Glenn. "A Modified Shifted Means Based Segmentation Approach to Detect Active Regions and Coronal Holes in the Solar Dynamics Observatory Images." Proceedings of the SPIE. Baltimore, Maryland: n.p., 2012. Print. *

Marcos Esterman, Associate Professor

Journal Paper: Bousquin, J, et al. "Life Cycle Assessment in the Print Industry: A Critical Review." Journal of Industrial Ecology: Special Issue: Meta-Analysis of Life Cycle Assessment 16. s1 (2012): s195-s205. Print. *

Published Conference

Proceedings: Esterman, Marcos, et al. "A Framework for the Integration of System Engineering and Functional Analysis Techniques to the Goal and Scope of Life Cycle Assessment." Proceedings of the ASME 2012 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference. IL, Chicago: n.p., 2012. Print. *

Karen Evans

Journal Paper: Evans, Karen M., et al. "Collecting and analyzing mobile eye-tracking data in outdoor environments." Journal of Eye Movement Research 5. 2 (2012): 1-19. Print. *

Published Conference

Proceedings: Dogra, V, et al. "Preliminary Results of Photoacoustic Imaging for Thyroid Cancer Detection." Proceedings of the 2012 RSNA Scientific Assembly and Annual Meeting. Chicago, Illinois: n.p., 2012. Print. *

Published Conference

Proceedings: Kinsman, Thomas B., et al. "Ego-motion Compensation Improves Fixation Detection in Wearable Eyetracking." Proceedings of the Symposium on Eye Tracking Research and Applications. Ed. Howell Istance and Stephen N. Spencer. Santa Barbara, CA: n.p., 2012. Print. *

Mark Fairchild, Professor

Invited Presentations/Keynotes:

Fairchild, Mark D. "Progress and Poverty: an Inquiry into Color Appearance Modeling and Increase of Want with Increase of Wealth." IS&T/SID 20th Color and Imaging Conference. IS&T. Los Angeles, CA. 16 Nov. 2012. Keynote Speech. Δ

Published Conference

Proceedings: Fairchild, Mark D. and Rodney L. Heckaman. "Deriving appearance scales." Proceedings of the IS&T/SID 20th Color and Imaging Conference. Ed. IS&T. Los Angeles, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Masaoka, K., et al. "The Number of Discernible Object Colors is Unknown." Proceedings of the IS&T/SID 20th Color and Imaging Conference. Ed. IS&T. Los Angeles, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Kinsman, Thomas, Mark D. Fairchild, and J.B. Pelz. "Color is Not a Metric Space: Implications for Pattern Recognition, Machine Learning, and Computer Vision." Proceedings of the IEEE-IS&T Western NY Image Processing Workshop. Ed. IEEE. Rochester, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Farnand, Susan and Mark D. Fairchild. "The Effect of Experimental Instructions on the Number of Areas Identified as Important in Photographic Images." Proceedings of the IS&T 6th CGIV Proceedings. Ed. IS&T. Amsterdam, Netherlands: n.p., 2012. Print. *

Published Conference

Proceedings: Masaoka, Kenichiro, et al. "The Number of Discernible Object Colors is Unknown." Proceedings of the 20th Color Imaging Conference. Los Angeles, California: n.p., 2012. Print. *

Jason Faulring

Published Conference

Proceedings: Herweg, Jared, et al. "SpecTIR Hyperspectral Airborne Rochester Experiment Data Collection Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, Maryland: n.p., 2012. Print. *

Published Conference

Proceedings: McKay, Troy R., et al. "Passive Detection of Vehicle Loading." Proceedings of the Visual Information Processing and Communication III. San Francisco, California: n.p., 2012. Print. *

Published Conference

Proceedings: Ontiveros, Erin M., et al. "Evaluation of Image Collection Requirements for 3D Reconstruction Using Phototourism Techniques on Sparse Overhead Data." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, Maryland: n.p., 2012. Print. *

James A. Ferwerda, Associate Professor

Journal Paper: Ferwerda, James A.. "Comparing Auditory and Tactile Representations of Surface Graphs for the Visually Impaired." ACM Transactions on Applied Perception Submitted for review. (2012). Print. *

Journal Paper: Ferwerda, James A. "Tangible Imaging." Springer Lecture Notes in Computer Science Accepted for publica. (2012). Print. *

Published Conference

Proceedings: Ferwerda, James A. "Through a Glass Brightly: Seeing Through the Surface in Image Quality." Proceedings of the Annual Meeting. Naples, FL: n.p., 2012. Print. *

Published Conference

Proceedings: Ferwerda, James A. "Tangible Display Systems: Bringing Virtual Surfaces into the Real World." Proceedings of the Electronic Imaging. San Jose, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Darling, Benjamin A. and James A. Ferwerda. "Seeing Virtual Objects: Simulating Reflective Surfaces on Emissive Displays." Proceedings of the 20th Color Imaging Conference. Los Angeles, CA : n.p., 2012. Print. *

Michael Gartley

Journal Paper: Schott, John R., et al. "Simulation of Image Performance Characteristics of the Landsat Data Continuity Mission (LDCM) Thermal Infrared Sensor (TIRS)." Remote Sensing 4. (2012): 2477-2491. Print. *

Published Conference

Proceedings: Gerace, Aaron D., et al. "Using DIRSIG to Identify Uniform Sites and Demonstrate the Utility of the Side-Slither Calibration Technique for Landsat's New Pushbroom Instruments." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, Maryland: n.p., 2012. Print. *

Published Conference

Proceedings: Maitra, Sanjet, Michael G. Gartley, and John P. Ker-ekes. "Relation Between Degree of Polarization and Pauli Color Coded Image to Characterize Scattering Mechanisms." Proceedings of the Polarization: Measurement, Analysis and Remote Sensing. Baltimore, Maryland: n.p., 2012. Print. *

Joe Geigel, Associate Professor

Journal Paper: Geigel, Joe. "Adapting a virtual world for theatrical performance." IEEE Computer 44. 12 (2012): 33-38. Print. *

Aaron Gerace

Journal Paper: Pahlevan, Nima, et al. "Integrating Landsat 7 Imagery with Physics-based Models for Quantitative Mapping of coastal Waters near River Discharges." PE&RS 78. (2012): 1163-1174. Print. *

Journal Paper: Schott, John R., et al. "Simulation of Image Performance Characteristics of the Landsat Data Continuity Mission (LDCM) Thermal Infrared Sensor (TIRS)." Remote Sensing 4. (2012): 2477-2491. Print. *

Published Conference

Proceedings: Schott, John R., Aaron D. Gerace, and Matthew Montanaro. "Simulation of the Performance and Image Quality Characteristics of the Landsat OLI and TIRS Sensors Using DIRSIG." Proceedings of the SPIE Remote Sensing. Eninburgh, Scotland: n.p., 2012. Print. *

Published Conference

Proceedings: Gerace, Aaron D. and John R. Schott. "Over-Water Atmospheric Correction for Landsat's New OLI Sensor." Proceedings of the Ocean Sensing and Monitoring IV. Baltimore, Maryland: n.p., 2012. Print. *

Published Conference

Proceedings: Schott, John R., Aaron D. Gerace, and Scott D. Brown. "Incorporation of Advanced Sensor Models in DIRSIG." Proceedings of the 34th Review of Atmospheric Transmission Models Meeting. Albuquerque, New Mexico: n.p., 2012. Print. *

Published Conference

Proceedings: Gerace, Aaron D., et al. "Using DIRSIG to Identify Uniform Sites and Demonstrate the Utility of the Side-Slither Calibration Technique for Landsat's New Pushbroom Instruments." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, Maryland: n.p., 2012. Print. *

Published Conference

Proceedings: Pahlevan, Nima, et al. "Integrating Landsat 7 Imagery with Physics-based Models for Quantitative Mapping of Coastal Waters near a River Discharge." Proceedings of the Imaging and Geospatial Technology-Into the Future. Sacramento, California: n.p., 2012. Print. *

Jinwei Gu, Assistant Professor

Journal Paper: Gu, Jinwei, et al. "Compressive Structured Light for Recovering Inhomogeneous Participating Media." IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI) 99. (2012). Print. *

Published Conference

Proceedings: Jiang, Jun and Jinwei Gu. "Recovering Spectral Reflectance under Commonly Available Lighting Conditions." Proceedings of the CVPR 2012 Workshop for Computational Cameras and Displays. Providence, RI: n.p., 2012. Print. *

Richard K. Hailstone, Associate Professor

Journal Paper: Hailstone, Richard K., et al. "Iron and Zirconium Doping of Ceria at Low Temperatures." Journal of Physical Chemistry C submitted. (2012). Print. *

Journal Paper: Pierce, Michael S., et al. "The Influence of Structural Disorder on Magnetic Domain Formation in Ferromagnetic Thin Films." Physical Review B submitted. (2012). Print. *

Andrew Herbert, Professor

Journal Paper: Bohannon, Leanne S., et al. "Eye Contact and Video-mediated Communication: A Review." Displays. (2012). Print. *

Matthew J Hoffman, Assistant Professor

Journal Paper: Greybush, Steven J., et al. "Identifying Martian Atmospheric Instabilities and their Physical Origins Using Bred Vectors." Quarterly Journal of the Royal Meteorological Society. (2012). Print. *

Thomas Hopkins, Professor

Journal Paper: Long, Michael E., Thomas D. Hopkins, and David L. Farnsworth. "Application of Agent-Based Modeling in the Policy Assessment of Cost of Corporate Subsidies." *International Journal of Scientific Knowledge* 2. 2 (2012): 38-47. Print. *

Joseph Hornak, Professor

Book Chapter: Hornak, Joseph P. "Nuclear Magnetic Resonance Imaging." *Methods in Materials Research*. Hoboken, New Jersey: John Wiley & Sons, Inc, 2012. Print. *

Book Chapter: Hornak, Joseph P. "Resonance Methods." *Characterization of Materials*. Hoboken, New Jersey: John Wiley & Sons, Inc, 2012. Print. *

Emmett Ientilucci, Research Assistant Professor

Published Conference

Proceedings: Herweg, Jared, et al. "SpecTIR Hyperspectral Airborne Rochester Experiment Data Collection Campaign." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII*. Baltimore, Maryland: n.p., 2012. Print. *

Published Conference

Proceedings: Ientilucci, Emmett J. "Leveraging Lidar Data to Aid in Hyperspectral Image Target Detection in the Radiance Domain." *Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII*. Baltimore, Maryland: n.p., 2012. Print. *

Joel Kastner, Professor

Journal Paper: Teets, William K., et al. "Detection of a Cool, Accretion-shock-generated X-Ray Plasma in EX Lupi during the 2008 Optical Eruption." *The Astrophysical Journal* 760. (2012). Print. *

Journal Paper: Espinosa, Martin Huarte, et al. "From Bipolar to Elliptical: Simulating the Morphological Evolution of Planetary Nebulae." *Monthly Notices of the Royal Astronomical Society* 424. 3 (2012): 2055-2068. Print. *

John Kerekes, Associate Professor

Journal Paper: Meng, Lingfei and John P. Kerekes. "Object Tracking Using High Resolution Satellite Imagery." *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 5. 1 (2012): 146-152. Print. *

Journal Paper: Raisanen, Alan D., et al. "Simulation of Practical Single-Pixel Wire Grid Polarizers for Superpixel Stokes Vector Imaging Arrays." *Optical Engineering* 51. 016201 (2012). Print. *

Published Conference

Proceedings: Herweg, Jared A., John P. Kerekes, and Michael T. Eismann. "Hyperspectral Imaging Phenomenology for the Detection and Tracking of Pedestrians." *Proceedings of the IGARSS*. Munich, Bavaria: n.p., 2012. Print. *

Published Conference

Proceedings: Kerekes, John P., et al. "First Principles Modeling for Lidar Sensing of Complex Ice Surfaces." Proceedings of the IGARSS 2012. Munich, Bavaria: n.p., 2012. Print. *

Published Conference

Proceedings: Gadaleta, Sabino M., John P. Kerekes, and Kyle M. Tarplee. "Autonomous Target Dependent Waveband Selection for Tracking in Performance-driven Hyperspectral Sensing." Proceedings of the Defense, Security, and Sensing. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Herweg, Jared A., John P. Kerekes, and Michael T. Eismann. "Hyperspectral Measurements of Natural Signatures - Pedestrians." Proceedings of the Defense, Security, and Sensing. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Herweg, Jared, et al. "SpecTIR Hyperspectral Airborne Rochester Experiment Data Collection Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Maitra, Sanjet, Michael G. Gartley, and John P. Kerekes. "Relation Between Degree of Polarization and Pauli Color Coded Image to Characterize Scattering Mechanisms." Proceedings of the Polarization: Measurement, Analysis and Remote Sensing. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Vodacek, Anthony, John P. Kerekes, and Matthew J. Hoffman. "Adaptive Optical Sensing in an Object Tracking DDDAS." Proceedings of the International Conference on Computational Science, ICCS 2012. Ed. Ali Hesham, et al. : n.p., 2012. Print. *

Preeti Kharb

Journal Paper: Kharb, Preeti, et al. "VLBA and Chandra Observations of Jets in FRI Radio Galaxies: Constraints on Jet Evolution." Astrophysical Journal 754. 1 (2012): 1-17. Print. *

Robert Kremens, Research Associate Professor

Journal Paper: Kremens, Robert L. "Fuel Moisture Influences on Fire-altered Carbon in Masticated Fuels: An Experimental Study." Journal of Geophysical Research-Biogeosciences. (2012). Print. *

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. (2012). Print. *

Journal Paper: Kremens, Robert L. "Radiant Power, Energy and Fuel Consumption in Mixed-Oak Forest Surface Fires." International Journal of Wildland Fire 21. (2012): 722-730. Print. *

Poorna Kushalnagar, Research Assistant Professor

Journal Paper: Kushalnagar, Poorna. "School Placement and Perceived Quality of Life in Youth Who Are Deaf or Hard of Hearing." *Journal of Deaf Studies and Deaf Education*. (2012). Print. *

Published Conference

Proceedings: Kushalnagar, Poorna, Benjamin L. Williams, and Raja Kushalnagar. "Community-Based Participatory Approach: Students as Partners in Education and Accessible Technology Research." *Proceedings of the ICCHP*. Linz, Austria: n.p., 2012. Print. *

Published Conference

Proceedings: Kushalnagar, Raja S., Poorna Kushalnagar, and Gianni Manganeli. "Collaborative Gaze Cues for Deaf Students." *Proceedings of the 2012 ACM Conference on Computer Supported Cooperative Work*. Bellevue, WA: n.p., 2012. Print. *

Published Conference

Proceedings: Kushalnagar, Raja, Poorna Kushalnagar, and Jeff B. Pelz. "Deaf and Hearing Students' Eye Gaze Collaboration." *Proceedings of the International Conference on Computers Helping People with Special Needs*. Linz, Oberosterreich: n.p., 2012. Print. *

Michael Long

Journal Paper: Long, Michael E., Thomas D. Hopkins, and David L. Farnsworth. "Application of Agent-Based Modeling in the Policy Assessment of Cost of Corporate Subsidies." *International Journal of Scientific Knowledge* 2. 2 (2012): 38-47. Print. *

Donald McKeown

Published Conference

Proceedings: Sah, Shagan, et al. "A Multi-Temporal Analyza Multi-Temporal Analysis Approach for Land Cover Mapping in Support of Nuclear Incident Responseis Approach for Land Cover Mapping in Support Of Nuclear Incident Response." *Proceedings of the SPIE Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII*. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: McKay, Troy R., et al. "Passive Detection of vehicle Loading." *Proceedings of the Visual Information Processing and Communication III*. San Francisco, CA: n.p., 2012. Print. *

David Messinger, Research Associate Professor

Journal Paper: Albano, James A., David W. Messinger, and Stanley R. Rotman. "Commute Time Distance Transformation Applied to Spectral Imagery and its Utilization in Material Clustering." *Optical Engineering* 51. 7 (2012). Print. *

Journal Paper: Schlamm, Ariel, David W. Messinger, and Bill Basener. "Interest Segmentation of Large Area Spectral Imagery for Analyst Assistance." *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 5. 2 (2012). Print. *

Journal Paper: Messinger, David W., et al. "Metrics of Spectral Image Complexity with Application to Large Area Search." *Optical Engineering* 51. 3 (2012). Print. *

Published Conference

Proceedings: Ashok, Luca and David W. Messinger. "A Spectral Image Clustering Algorithm Based on Ant Colony Optimization." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Ziemann, Amanda, et al. "Assessing the Impact of Background Spectral Graph Construction Techniques on the Topological Anomaly Detection Algorithm." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Albano, James A. and David W. Messinger. "Euclidean Commute Time Distance Embedding and its Application to Spectral Anomaly Detection." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Sun, Weihua and David W. Messinger. "An Automated Approach for Constructing Road Network Graph from Multispectral Images." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Sharon, Gil, et al. "Detection of Anomalous Activity in Hyperspectral Imaging: Metrics for Evaluating Algorithms." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Canham, Kelly, et al. "Spectral Library Generation for Hyperspectral Archaeological Validation." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Hagstrom, Shea and David W. Messinger. "Line-of-Sight Measurement in Large Urban Areas using Voxelized Lidar." Proceedings of the Laser Radar Technology and Applications XVII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Sun, Jiangquin and David W. Messinger. "Parking Lot Process Model Incorporated into DIRSIG Scene Simulation." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Syed, Abdul H., Eli Saber, and David W. Messinger. "Encoding of Topological Information in Multi-Scale Remotely Sensed Data: Applications to Segmentation and Object-Based Image Analysis." Proceedings of the IEEE Conference on Geographic Object Based Image Analysis (GEOBIA). Rio de Janeiro, Brazil: n.p., 2012. Print. *

Published Conference

Proceedings: Herweg, Jared, et al. "SpecTIR Hyperspectral Airborne Rochester Experiment Data Collection Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Sah, Shagan, et al. "A Multi-Temporal Analysis Approach for Land Cover Mapping in Support of Nuclear Incident Response." Proceedings of the SPIE Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Zoran Ninkov, Professor

Journal Paper: Raisanen, Alan D., et al. "Simulation of Practical Single-Pixel Wire Grid Polarizers for Superpixel Stokes Vector Imaging Arrays." Optical Engineering 51. 016201 (2012). Print. *

Published Conference

Proceedings: Herweg, Jared, et al. "SpecTIR Hyperspectral Airborne Rochester Experiment Data Collection Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Christopher ODea, Professor

Journal Paper: Kharb, Preeti, et al. "VLBA and Chandra Observations of Jets in FRI Radio Galaxies: Constraints on Jet Evolution." Astrophysical Journal 754. 1 (2012): 1-17. Print. *

Journal Paper: Privon, George, et al. "Modeling the Infrared Emission in Cygnus A." Astrophysical Journal 747. 1 (2012): 46-57. Print. *

Erin Ontiveros

Published Conference Proceedings: Ontiveros, Erin M., et al. "Evaluation of Image Collection Requirements for 3D Reconstruction Using Phototourism Techniques on Sparse Overhead Data." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Jeff Pelz, Professor

Journal Paper: Hayhoe, Mary M., et al. "Predictive Eye Movements in Natural Vision." Experimental Brain Research. (2012). Print. *

Journal Paper: Bohannon, Leanne S., et al. "Eye Contact and Video-mediated Communication: A Review." Displays. (2012). Print. *

Journal Paper: Evans, Karen M., et al. "Collecting and analyzing mobile eye-tracking data in outdoor environments." *Journal of Eye Movement Research* 5. 2 (2012): 1-19. Print. *

Journal Paper: Pelz, Jeff B.. "Collecting and Analyzing Mobile Eye-Tracking Data in Outdoor Environments." *Journal of Eye Movement Research* 5. 2 (2012): 1-19. Print. *

Published Conference

Proceedings: Keane, Tommy, et al. "Sphere2: Jerry's Rig, an OpenGL Application for Non-linear Panorama Viewing and Interaction." *Proceedings of the 2012 Western New York Image Processing Workshop*. Rochester, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Kushalnagar, Raja, Poorna Kushalnagar, and Jeff B. Pelz. "Deaf and Hearing Students' Eye Gaze Collaboration." *Proceedings of the International Conference on Computers Helping People with Special Needs*. Linz, Oberosterreich: n.p., 2012. Print. *

Published Conference

Proceedings: Kinsman, Thomas B., et al. "Ego-motion Compensation Improves Fixation Detection in Wearable Eyetracking." *Proceedings of the the Symposium on Eye Tracking Research and Applications*. Ed. Howell Istance and Stephen N. Spencer. Santa Barbara, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Li, R, et al. "Learning Eye Movement Patterns for Characterization of Perceptual Expertise." *Proceedings of the Symposium on Eye Tracking Research and Applications*. Ed. Howell Istance and Stephen N. Spencer. Santa Barbara, CA: n.p., 2012. Print. *

Michael Pierce, Assistant Professor

Journal Paper: Pierce, Michael S. "Coherent X-ray Scattering Experiments of Pt (001) Surface Dynamics near a Roughening Transition." *Physical Review B* 86. (2012): 184108-184108-6. Print. *

Journal Paper: Pierce, Michael S., et al. "The Influence of Structural Disorder on Magnetic Domain Formation in Ferromagnetic Thin Films." *Physical Review B* submitted. (2012). Print. *

Alan D Raisanen, Assistant Professor

Journal Paper: Raisanen, Alan D., et al. "Simulation of Practical Single-Pixel Wire Grid Polarizers for Superpixel Stokes Vector Imaging Arrays." *Optical Engineering* 51. 016201 (2012). Print. *

Esa Rantanen, Associate Professor

Journal Paper: Bohannon, Leanne S., et al. "Eye Contact and Video-mediated Communication: A Review." *Displays*. (2012). Print. *

Nina Raqueno

Published Conference

Proceedings: Canham, Kelly, et al. "Spectral Library Generation for Hyperspectral Archaeological Validation." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Pahlevan, Nima, Nina G. Raqueno, and John R. Schott. "Cross-Calibration Landsat 7 with Terra-MODIS over Dark Waters." Proceedings of the Ocean Sensing and Monitoring IV. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Herweg, Jared, et al. "SpecTIR Hyperspectral Airborne Rochester Experiment Data Collection Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Ontiveros, Erin M., et al. "Evaluation of Image Colleevaluation of Image Collection Requirements for 3D Reconstruction Using Phototourism Techniques on Sparse Overhead Data." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Michael Richmond, Professor

Journal Paper: Teets, William K., et al. "Detection of a Cool, Accretion-shock-Generated X-Ray Plasma in EX Lupi During the 2008 Optical Eruption." The Astrophysical Journal 760. (2012). Print. *

Andrew Robinson, Professor

Journal Paper: Privon, George, et al. "Modeling the Infrared Emission in Cygnus A." Astrophysical Journal 747. 1 (2012): 46-57. Print. *

Sandra Rothenberg, Professor

Journal Paper: Bousquin, J, et al. "Life Cycle Assessment in the Print Industry: A Critical Review." Journal of Industrial Ecology: Special Issue: Meta-Analysis of Life Cycle Assessment 16. s1 (2012): s195-s205. Print. *

Eli Saber, Professor

Journal Paper: Keane, Tommy P., et al. "Practical Image Registration Concerns Overcome by the Weighted and Filtered Mutual Information Metric." Journal of Electronic Imaging 21. 2 (2012). Print. *

Journal Paper: Gurram, Prudhvi, Eli Saber, and Harvey Rhody. "Semiautomated System for Three-Dimensional Modeling of Buildings From Aerial Video." Journal of Electronic Imaging 21. 1 (2012). Print. *

Published Conference

Proceedings: Syed, Abdul H., Eli Saber, and David W. Messinger. "Encoding of Topological Information in Multi-Scale Remotely Sensed Data: Applications to Segmentation and Object-Based Image Analysis." Proceedings of the IEEE Conference on Geographic Object Based Image Analysis (GEOBIA). Rio de Janeiro, Brazil: n.p., 2012. Print. *

Carl Salvaggio, Professor

Published Conference

Proceedings: Nilosek, David R., Shaohui Sun, and Carl Salvaggio. "Geo-Accurate Model Extraction from Three-Dimensional Image-Derived Point Clouds." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: McKay, Troy R., et al. "Passive Detection of Vehicle Loading." Proceedings of the Visual Information Processing and Communication III. San Francisco, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Ontiveros, Erin M., et al. "Evaluation of Image Collection Requirements for 3D Reconstruction Using Phototourism Techniques on Sparse Overhead Data." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Rossi, Adam J., et al. "Abstracted Workflow Framework with a Structure from Motion Application." Proceedings of the Western New York Image Processing Workshop. Rochester, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Sun, Shaohui and Carl Salvaggio. "Complex Building Roof Detection and Strict Description from Lidar Data and Orthorectified Aerial Imagery." Proceedings of the Analysis Techniques: Image Processing Techniques. Munich, Germany: n.p., 2012. Print. *

Andreas Savakis, Professor

Journal Paper: Keane, Tommy P., et al. "Practical Image Registration Concerns Overcome by the Weighted and Filtered Mutual Information Metric." Journal of Electronic Imaging 21. 2 (2012). Print. *

Ariel Schlamm

Journal Paper: Schlamm, Ariel, David W. Messinger, and Bill Basener. "Interest Segmentation of Large Area Spectral Imagery for Analyst Assistance." IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing 5. 2 (2012). Print. *

Journal Paper: Messinger, David W., et al. "Metrics of Spectral Image Complexity with Application to Large Area Search." Optical Engineering 51. 3 (2012). Print. *

Published Conference

Proceedings: Sharon, Gil, et al. "Detection of Anomalous Activity in Hyperspectral Imaging: Metrics for Evaluating Algorithms." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

John Schott, Professor

Journal Paper: Pahlevan, Nima, et al. "Integrating Landsat 7 Imagery with Physics-based Models for Quantitative Mapping of Coastal Waters Near River Discharges." PE&RS 78. (2012): 1163-1174. Print. *

Journal Paper: Pahlevan, Nima and John R. Schott. "Characterizing the Relative Calibration of Landsat-7 (ETM+) Visible Bands with Terra (MODIS) Over Clear Water: The Implications for Monitoring Water Resources." Remote Sensing of Environment 125. (2012): 167-180. Print. *

Journal Paper: Schott, John R., et al. "Simulation of Image Performance Characteristics of the Landsat Data Continuity Mission (LDCM) Thermal Infrared Sensor (TIRS)." Remote Sensing 4. (2012): 2477-2491. Print. *

Published Conference

Proceedings: Schott, John R., Aaron D. Gerace, and Matthew Montanaro. "Simulation of the Performance and Image Quality Characteristics of the Landsat OLI and TIRS Sensors Using DIRSIG." Proceedings of the SPIE Remote Sensing. Eninburgh, Scotland: n.p., 2012. Print. *

Published Conference

Proceedings: Gerace, Aaron D. and John R. Schott. "Over-Water Atmospheric Correction for Landsat's New OLI Sensor." Proceedings of the Ocean Sensing and Monitoring IV. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Schott, John R., Aaron D. Gerace, and Scott D. Brown. "Incorporation of Advanced Sensor Models in DIRSIG." Proceedings of the 34th Reviuw of Atmospheric Transmission Models Meeting. Albuquerque, NM: n.p., 2012. Print. *

Published Conference

Proceedings: Pahlevan, Nima, Nina G. Raqueno, and John R. Schott. "Cross-calibration Landsat 7 with Terra-MODIS over Dark Waters." Proceedings of the Ocean Sensing and Monitoring IV. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Gerace, Aaron D., et al. "Using DIRSIG to Identify Uniform Sites and Demonstrate the Utility of the Side-Slither Calibration Technique for Landsat's New Pushbroom Instruments." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Pahlevan, Nima, et al. "Integrating Landsat 7 Imagery with Physics-based Models for Quantitative Mapping of Coastal Waters Near a River Discharge." Proceedings of the Imaging and Geospatial Technology-Into the Future. Sacramento, CA: n.p., 2012. Print. *

Thomas W. Smith, Professor

Journal Paper: Smith, Thomas W. "Bis(trifluoromethyl)carbinol Polynorbornene as a Pseudo-Polyelectrolyte in Multilayered Films." Thin Solid Films 520. (2012): 6170-6173. Print. *

Grover Swartzlander, Associate Professor

Journal Paper: Swartzlander, Grover A., et al. "Optical Lift from Dielectric Semicylinders." Optics Letters 37. 19 (2012): 4038-4040. Print. *

Journal Paper: Swartzlander, Grover A., Elettra Mari, and Fabrizio Tamburini. "Sub-Rayleigh Optical Vortex Coronagraphy." Optics Express 20. 3 (2012): 2445-2451. Print. *

Journal Paper: Jr, Grover A Swartzlander. "Obtaining Spatial Information from an Extremely Unresolved Source." Virtual Journal for Biomedical Optics 7. 2 (2012): 4731-4733. Web. * £

Jan van Aardt, Associate Professor

Journal Paper: Cho, Moses A., et al. "Mapping Tree Species Composition in South African Savannas Using an Integrated Airborne Spectral and LiDAR System." Remote Sensing of the Environment 125. (2012): 214-226. Print. *

Journal Paper: Wu, Jiaying, et al. "A Robust Signal Preprocessing Chain for Small-Footprint Waveform LiDAR." IEEE Transactions on Geoscience and Remote Sensing 50. 8 (2012): 3242-3255. Print. *

Journal Paper: Fisher, Jolene, et al. "Human-Modified Landscapes: Patterns of Fine-Scale Woody Vegetation Structure in Communal Savannah Rangelands." Environmental Conservation 39. 1 (2012): 72-82. Print. *

Published Conference

Proceedings: Aardt, Jan A. van, et al. "On Using Discrete Return Lidar Distributions as a Proxy for Waveform Lidar Signals when Modeling Vegetation Structure." Proceedings of the IEEE International Geoscience and Remote Sensing Symposium. Munich, Bavaria: n.p., 2012. Print. *

Published Conference

Proceedings: Wessels, Konrad, et al. "Impacts of Communal Fuelwood Extraction on Lidar-Estimated Biomass Patterns of Savanna Woodlands." Proceedings of the IGARSS 2012. Munich, Bavaria: n.p., 2012. Print. *

Published Conference

Proceedings: Herweg, Jared, et al. "SpecTIR Hyperspectral Airborne Rochester Experiment Data Collection Campaign." Proceedings of the Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Sah, Shagan, et al. "A Multi-Temporal Analysis Approach for Land Cover Mapping in Support of Nuclear Incident Response." Proceedings of the SPIE Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XVIII. Baltimore, MD: n.p., 2012. Print. *

Published Conference

Proceedings: Kelbe, David, et al. "Automatic Extraction of Tree Stem Models from Single Terrestrial Lidar Scans in Structurally Heterogeneous Forest Environments." Proceedings of the Silvilaser 2012 Annual Conference: First Return. Vancouver, BC: n.p., 2012. Print. *

Published Conference

Proceedings: Romanczyk, Paul A., et al. "Assessing the Impact of Broadleaf Tree Structure on Airborne Full-Waveform Small-Footprint Lidar Signals." Proceedings of the Silvilaser 2012 Annual Conference: First Return. Vancouver, BC: n.p., 2012. Print. *

Anthony Vodacek, Associate Professor

Journal Paper: Vodacek, Anthony. "Linking Year-to-year Cladophora Variability in Lake Ontario to the Temperature Contrast Between Near-shore and Offshore Waters During the Spring." Journal of Great Lakes Research 38, Supplement 4. doi: 10.1016/j.jglr.2012.02.013 (2012): 85-90. Print. *

Published Conference

Proceedings: Chen, Bin, Anthony Vodacek, and Nathan D. Cahill. "Novel Spectral Similarity Measure for High Resolution Urban Scene." Proceedings of the 2012 IEEE International Geoscience and Remote Sensing Symposium (IGARSS). Munich, Bavaria: n.p., 2012. Print. *

Published Conference

Proceedings: Basnet, Bikash and Anthony Vodacek. "Multitemporal Landsat Imagery Analysis to Study the Dynamics of Land Cover Change Over Lake Kivu Region." Proceedings of the 1st EARSeL Workshop on Temporal Analysis of Satellite Images. Mykonos, Kikladhes: n.p., 2012. Print. *

Published Conference

Proceedings: Vodacek, Anthony, John P. Kerekes, and Matthew J. Hoffman. "Adaptive Optical Sensing in an Object Tracking DDDAS." Proceedings of the International Conference on Computational Science, ICCS 2012. Ed. Ali Hesham, et al.: n.p., 2012. Print. *

Richard Zanibbi, Associate Professor

Journal Paper: Zanibbi, Richard and Dorothea Blostein. "Recognition and Retrieval of Mathematical Notation." International Journal on Document Analysis and Recognition 15. 4 (2012): 331-357. Print. *

Published Conference

Proceedings: Viard-Gaudin, C and Richard Zanibbi. "Proceedings of SPIE Document Recognition and Retrieval XIX (2011) (editors)." Proceedings of the SPIE EI/DRR. San Francisco, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Hu, L, et al. "Baseline Extraction-Driven Parsing of Handwritten Mathematical Expressions." Proceedings of the International Conference on Pattern Recognition. Tsukuba Science City: n.p., 2012. Print. *

Published Conference

Proceedings: Sasarak, C, et al. "Min: A Multimodal Web Interface for Math Search." Proceedings of the HCIR 2012. Cambridge, MA: n.p., 2012. Print. *

Published Conference

Proceedings: Schellenberg, Thomas and Richard Zanibbi. "Layout-Based Substitution Tree Indexing and Retrieval for Mathematical Expressions." Proceedings of the SPIE. San Francisco, CA: n.p., 2012. Print. *

Published Conference

Proceedings: LiVolsi, R, Richard Zanibbi, and C Bigelow. "Collecting Historical Font Metrics from Google Books." Proceedings of the International Conference on Pattern Recognition. Tsukuba Science City: n.p., 2012. Print. *

Department of Physics

Mishkatul Bhattacharya, Assistant Professor

Journal Paper: Bhattacharya, M., et al. "Understanding the Damping of a Quantum Harmonic Oscillator Coupled to a Two-Level System Using Analogies to Classical Friction." American Journal of Physics 80. 9 (2012): 810-815. Print. *

Moumita Das, Assistant Professor

Journal Paper: Moumita, Das. "Redundancy and Cooperativity in the Mechanics of Compositely Crosslinked Filamentous Networks." PloS one 7. (2012): 35939. Web. *

Scott Franklin, Professor

Journal Paper: Gravish, Nick, et al. "Entangled Granular Media." Physical Review Letters 108. (2012): 208001. Print. £

Journal Paper: Franklin, Scott V.. "Geometric Cohesion in Granular Materials." Physics Today 65. (2012): 70. Print. Δ £

Journal Paper: Franklin, Scott V.. "Geometric Cohesion in Granular Materials." Physics Today 65. (2012): 70. Print. Δ £

Published Conference

Proceedings: Sayre, Eleanor C., et al. "A Web-Based System for Between-Student Testing in University Physics." Proceedings of the 2012 European Association for Research on Learning and Instruction. Zurich, Switzerland: n.p., 2012. Print. * £

Journal Paper: Sayre, Eleanor C., et al. "Learning, Retention, and Forgetting of Newton's Third Law throughout University Physics." Physical Review Special Topics -Physics Education Research 8. (2012): 10116. Web. * £

Journal Paper: Jackson, David P., Priscilla W. Laws, and Scott V. Franklin. "An Inquiry-Based Curriculum for Non-Majors." Science 335. (2012): 25. Print. * Δ £

Published Conference

Proceedings: Franklin, Scott V. and Tricia Chapman. "Diversity of Faculty Practice in Workshop Classrooms." Proceedings of the Physics Education Research Conference. Ed. D.J. Wagner. Philadelphia, PA: American Institute of Physics, 2012. Print. * £

Seth Hubbard, Associate Professor

Journal Paper: Bailey, Chris, et al. "Open-Circuit Voltage Improvement of InAs/GaAs Quantum-Dot Solar Cells Using Reduced InAs Coverage." IEEE Journal of Photovoltaics 2. 3 (2012): 269-275. Print. *

Journal Paper: Cress, C. D., et al. "Radiation Effects in Carbon Nanoelectronics." Electronics 1. (2012): 23-31. Print. *

Journal Paper: Rossi, J. E., et al. "Ion Irradiation of Electronic-Type-Separated Single Wall Carbon Nanotubes: A Model for Radiation Effects in Nanostructured Carbon." Journal of Applied Physics 112. (2012): 034314-11. Print. *

Journal Paper: Slocum, M. A., D. V. Forbes, and S. M. Hubbard. "Sub-bandgap Current Collection Through the Implementation of a Doping Superlattice Solar Cell." Applied Physics Letters 101. (2012): 073901-4. Print. *

Published Conference

Proceedings: Slocum, M. A., D. V. Forbes, and S. M. Hubbard. "Characterization of a Quantum Dot nipi Photovoltaic Device." Proceedings of the Photovoltaic Specialists Conference (PVSC), 2012 38th IEEE. Ed. S. Hubbard. Austin, TX: IEEE, 2012. Web.

Published Conference

Proceedings: Slocum, M. A., D. V. Forbes, and S. M. Hubbard. "Interface Quality Enhancement of the Epitaxial Regrowth Process for Nipi Photovoltaic Devices." Proceedings of the Physics and Simulation of Optoelectronic Devices XX. Ed. Alexandre Freundlich. San Francisco, CA: SPIE, 2012. Print. £

Published Conference

Proceedings: Hubbard, S. M., et al. "Optimization of Growth and Device Performance for InAs Quantum Dot Solar Cells." Proceedings of the Photovoltaic Specialists Conference (PVSC), 2012 38th IEEE. Ed. S. Hubbard. Austin, TX: IEEE, 2012. Web.

David Merritt, Professor

Journal Paper: Merritt, David and Eugene Vasiliev. "Spin Evolution of Supermassive Black Holes and Galactic Nuclei." Physical Review D 86. (2012): 102002. Print. £ ≠

Journal Paper: Antonini, Fabio and David Merritt. "Relativity and the Dynamical Evolution of the Galactic Center S-Star Orbits." The Astrophysical Journal Letters 762. (2012): 1-4. Print. £ ≠

Journal Paper: Sabha, Nadeen, et al. "The S-Star Cluster at the Center of the Milky Way. On the Nature of Diffuse NIR Emission in the Inner Tenth of a Parsec." Astronomy and Astrophysics 545. (2012): A70. Print. £ ≠

Journal Paper: Antonini, Fabio, et al. "Dissipationless Formation and Evolution of the Milky Way Nuclear Star Cluster." *The Astrophysical Journal* 750. (2012): 111. Print. £ ≠

Journal Paper: Antonini, Fabio and David Merritt. "Dynamical Friction around Supermassive Black Holes." *The Astrophysical Journal* 745. (2012): 83. Print. £ ≠

Invited Presentations/Keynotes: Merritt, David. "Binary Black Hole Dynamics." *Binary Black Holes & Dual AGN: A Workshop in Memory of David S. De Young*. National Optical Astronomy Observatories. Tucson, AZ. 29 Nov. 2012. Keynote Speech. ≠

Invited Presentations/Keynotes: Merritt, David. "The Challenge of Modeling Dense Stellar Systems." *APS April Meeting 2012*. American Physical Society. Atlanta, GA. 1 Apr. 2012. Keynote Speech.

Invited Presentations/Keynotes: Merritt, David. "Spin Evolution of Black Holes and Stellar Nuclei." *Thirteenth Marcel Grossmann Meeting*. Stockholm University. Stockholm, Sweden. 3 Jul. 2012. Keynote Speech. Δ £ ≠

Invited Presentations/Keynotes: Merritt, David. "Relativistic Dynamics at the Centers of Galaxies." *Osservatorio Astronomico di Brera Seminari*. Istituto Nazionale di Astrofisica. Milan, Italy. 28 May 2012. Guest Lecture. ≠

Invited Presentations/Keynotes: Merritt, David. "Dynamics and Evolution of Galactic Nuclei." *Sigrav Graduate School in Contemporary Relativity and Gravitational Physics*. Italian Society for Gravitational Physics. Villa Olmo, Italy. 21 May 2012. Guest Lecture. ≠

Invited Presentations/Keynotes: Merritt, David. "Relativistic Stellar Dynamics." *CIERA Astrophysics Seminar*. Northwestern University. Evanston, IL. 10 Apr. 2012. Guest Lecture. ≠

Invited Presentations/Keynotes: Merritt, David. "Relativistic Stellar Dynamics." *CCPP Seminar Series*. New York University. New York, NY. 30 Mar. 2012. Guest Lecture. ≠

Christopher ODea, Professor

Journal Paper: Russell, H. "Shock Fronts, Electron-Ion Equilibration and ICM Transport Processes in the Merging Cluster Abell 2146." *Monthly Notices of the Royal Astronomical Society* 423. (2012): 236-255. Print. *

Journal Paper: Daly, R. "The Relationship between Beam Power and Radio Power for Classical Double Radio Sources." *Monthly Notices of the Royal Astronomical Society* 423. (2012): 2498 - 2502. Print. *

Journal Paper: Tremblay, G R. "Multiphase Signatures of AGN Feedback in Abell 2597." *Monthly Notices of the Royal Astronomical Society* 424. (2012): 1026 - 1041. Print. *

Journal Paper: Tremblay, G R. "Residual Cooling and Persistent Star Formation amid AGN Feedback in Abell 2597." *Monthly Notices of the Royal Astronomical Society* 424. (2012): 1042 - 1060. Print. *

Journal Paper: Hardcastle, M J. "The Nature of the Jet-Driven Outflow in the Radio Galaxy 3C305." *Monthly Notices of the Royal Astronomical Society* 424. (2012): 1774 - 1789. Print. *

Journal Paper: Balmaverde, B. "Extended Soft X-ray Emission in 3CR Radio Galaxies at $z < 0.3$: High Excitation and Broad Line Galaxies." *Astronomy and Astrophysics* 545. (2012): 143 - 158. Print. *

Journal Paper: Mittal, R. "Herschel Observations of Extended Atomic Gas in the Core of the Perseus Cluster." *Monthly Notices of the Royal Astronomical Society* 426. (2012): 2957 -2977. Print. *

Journal Paper: Massaro, F. "Chandra Observations of 3C Radio Sources With $Z < 0.3$ II: Completing The Snapshot Survey." *Astrophysical Journal Supplements* 203. (2012): 31-48. Print. *

Journal Paper: Kharb, P. "VLBA and Chandra Observations of Jets in FRI Radio Galaxies: Constraints on Jet Evolution." *Astrophysical Journal* 754. (2012): 1-17. Print. *

Michael Pierce, Assistant Professor

Journal Paper: Pierce, Michael S., et al. "Dynamics of the Au (001) Surface in Electrolytes: In Situ Coherent X-Ray Scattering." *Physical Review B* 86. 85410 (2012): 1-7. Print. * £

Journal Paper: Hennessy, Daniel C., et al. "Epitaxial Oxide Bilayer on Pt (001) Nanofacets." *Journal of Chemical Physics* 136. 4 (2012): 089901-089907. Print. * £

Journal Paper: You, Hoydoo, et al. "Study of Electrode Surface Dynamics Using Coherent Surface X-Ray Scattering." *Electrochimica Acta* 82. (2012): 570-575. Print. * £

Invited Presentations/Keynotes: Pierce, Michael S. "X-ray Photon Correlation Spectroscopy at Surfaces: Challenges and Opportunities for in-situ Surface and Electrochemistry Studies." *X-ray Interface Science at Advanced Photon Source: New Sector Development*. Argonne National Laboratory. Argonne, IL. 10 Jan. 2012. Lecture.

Journal Paper: Pierce, M.S., et al. "Coherent X-Ray Scattering Experiments of Pt(001) Surface Dynamics Near a Roughening Transition." *Physical Review B* 86. (2012): 184108-5. Print. * £

Michael Richmond, Professor

Journal Paper: Richmond, Michael W and Horace A Smith. "BVRI Photometry of SN 2011fe in M101." *The Journal of the American Association of Variable Star Observers* 40. (2012): 100-115. Print. ~

Published Conference

Proceedings: Warner, Brian D, et al. "Lightcurve Analysis of NEA 2005 YU55." Proceedings of the Asteroid, Comets, Meteors 2012 meeting in Niigata, Japan. Ed. TBA. Niigata, Japan: n.p., Print.

Journal Paper: Hamaguchi, Kenji, et al. "X-Raying the Beating Heart of a Newborn Star: Rotational Modulation of High-energy Radiation from V1647 Ori." *Astrophysical Journal* 754. (2012): 32-40. Print. ~

Published Conference

Proceedings: Sako, Shigeyuki, et al. "KWFC: Four Square Degrees Camera for the Kiso Schmidt Telescope." Proceedings of the Ground-based and Airborne Instrumentation for Astronomy IV. Ed. Larry M. Stepp. Amsterdam, Netherlands: SPIE, 2012. Print.

Journal Paper: Teets, William K, et al. "Detection of a Cool, Accretion-shock-generated X-Ray Plasma in EX Lupi during the 2008 Optical Eruption." *Astrophysical Journal* 760. (2012): 89-99. Print. ~

Andrew Robinson, Professor

Journal Paper: Dicken, D. "Spitzer Mid-IR Spectroscopy of Powerful 2 Jy and 3CRR Radio Galaxies. I. Evidence Against a Strong Starburst-AGN Connection in Radio-loud AGN." *Astrophysical Journal* 745. 2 (2012): 172-192. Print. £

Journal Paper: Kharb, P. "Examining the Radio-loud/Radio-quiet Dichotomy with New Chandra and VLA Observations of 13 UGC Galaxies." *The Astronomical Journal* 143. 4 (2012): 78-89. Print. £

Invited Presentations/Keynotes:

Robinson, Andrew. "Observational Signatures of Recoiling Supermassive Black Holes." 220th Meeting of the American Astronomical Society. American Astronomical Society. Anchorage, AK. 13 Jun. 2012. Conference Presentation. Δ

Grover Swartzlander, Associate Professor

Journal Paper: Swartzlander, Grover, Mari, and Tamburini. "Sub-Rayleigh Optical Vortex Coronagraphy." *Optics Express* 20. 3 (2012): 2445-2451. Print. * £

Journal Paper: Swartzlander, Grover, Peterson, and Simpson. "Optical Lift from Dielectric Semicylinders." *Optics Letters* 37. 19 (2012): 4038-4040. Print. * £

Robert B Teese, Professor

Invited Presentations/Keynotes: Teese, Robert, et al. "Live Photo Physics: Video-based Motion Analysis." 2012 AAPT Summer Meeting. American Association of Physics Teachers. Philadelphia, PA. 28 Jul. 2012. Conference Presentation.

George Thurston, Professor

Journal Paper: Wahle, Christopher W., David S. Ross, and George M. Thurston. "On the Design of Experiments for Determining Ternary Mixture Free Energies from Static Light Scattering Data using a Nonlinear Partial Differential Equation." *Journal of Chemical Physics* 137. (2012): 34201. Print. £

Journal Paper: Wahle, Christopher W., David S. Ross, and George M. Thurston. "Mathematical and Computational Aspects of Quaternary Liquid Mixing Free Energy Measurement Using Light Scattering." *Journal of Chemical Physics* 137. (2012): 34202. Print. £

Journal Paper: Wahle, Christopher W., David S. Ross, and George M. Thurston. "On Inferring Liquid-Liquid Phase Boundaries and Tie Lines from Ternary Mixture Light Scattering." *Journal of Chemical Physics* 137. (2012): 34203. Print. £

School of Chemistry and Materials Science

Jeremy A Cody, Assistant Professor

Journal Paper: Cody, Jeremy A., et al. "A Convenient One-pot Synthesis of Ethylene Blue." *Tetrahedron Letters* 53. (2012): 4896-4899. Print. * ^

Journal Paper: Cody, Jeremy A., Christina G. Collison, and Courtney Stanford. "An SN1-SN2 Lesson in an Organic Chemistry Lab Using a Studio-Based Approach." *Journal of Chemical Education* 89. (2012): 750-754. Print. * ^

Journal Paper: Cody, Jeremy A., et al. "Design and Implementation of a Self-Directed Stereochemistry Lesson Using Embedded Virtual Three-Dimensional Images in a Portable Document Format." *Journal of Chemical Education* 89. (2012): 29-33. Print. * ^

Michael G Coleman, Assistant Professor

Journal Paper: Coleman, Michael G., et al. "Highly Selective CuI-Catalyzed Synthesis of Tetra-substituted Furans and Cyclopropenes via a Two-Component Cycloaddition of Electron-rich Internal Alkynes and Diazo-acetate Compounds." *Organic and Biomolecular Chemistry* 10. (2012): 7483 - 7486. Print. *

Paul A Craig, Professor

Journal Paper: Fisher, Amanda, et al. "Simulation of Two Dimensional Electrophoresis and Tandem Mass Spectrometry for Teaching Proteomics." *Biochemistry and Molecular Biology Education* 40. 6 (2012): 393-399. Print. * † ≠

Joseph Hornak, Professor

Book Chapter: Hornak, Joseph P. "Nuclear Magnetic Resonance Imaging." *Methods in Materials Research*. Ed. Elton N. Kaufmann. Hoboken, NJ: John Wiley & Sons, 2012. Print. *

Book Chapter: Hornak, Joseph P. "Resonance Methods." *Methods in Materials Research*. Ed. Elton N. Kaufmann. Hoboken, NJ: John Wiley & Sons, 2012. Print. *

Thomas Kim, Associate Professor

Journal Paper: Treece, Erin R., Andrew M. Pinkham, and Thomas D. Kim. "Aminoguanidine Down-Regulates the Expression of Mreb-Like Protein in *Bacillus Subtilis*." *Current Microbiology* 64. 2 (2012): 112-117. Print. * £

Journal Paper: Kaur, Ravinder, et al. "Antibody in Middle Ear Fluid of Children Originates Predominantly from Sera and Nasopharyngeal Secretions." *Clinical and Vaccine Immunology* 19. 10 (2012): 1593-1596. Print. * £

External Scholarly Fellowships:

9/1/2012 -

5/31/2013

CREATE for STEM Institute,
Michigan State University
Amount: \$40,000

£

Lea Michel, Assistant Professor

Journal Paper: Peterson, Jon E, et al. "VEGF, PF4 and PDGF are Elevated in Platelets of Colorectal Cancer Patients." *Angiogenesis* 15. (2012): 265-273. Print. *

Judged National/International Competition Award Winner: Kalmeta, Breanna, et al. ASBMB National Meeting. Honorable Mention for Undergraduate Student Research Achievement Poster Competition. San Diego, CA, 2012.

Invited Presentations/Keynotes: Michel, Lea Vacca. "Assessing the Orientation of Vaccine Candidate P6 in Nontypable Haemophilus Influenzae." NA. SUNY Brockport. Brockport, NY. 20 Sep. 2012. Guest Lecture.

Invited Presentations/Keynotes: Michel, Lea Vacca. "Assessing the Orientation of Vaccine Candidate P6 in Nontypable Haemophilus influenzae." NA. SUNY Geneseo. Geneseo, NY. 12 Oct. 2012. Guest Lecture.

Kalathur S Santhanam, Professor

Published Conference

Proceedings: Kalra, Nitin, Kalathur Santhanam, and David Olney. "Nickel Multi-walled Carbon Nanotube Composite Electrode for Hydrogen Generation." *Proceedings of the Materials Research Society. Ed. Mater. Res. Soc. Symp. Proc. Vol. 1387.* Warrendale, PA: Cambridge University Press, 2012. Web. £

Invited Presentations/Keynotes:

Santhanam, K S V. "5. Opportunities for Higher Education in Materials Science." *Education Opportunities.* USIEF. Mumbai, Maharashtra. 5 Jan. 2012. Lecture.

Invited Presentations/Keynotes:

Santhanam, K.S.V. and Xu Chen. "Thermogravimetric Analysis of Atomized Ferromagnetic Composites with Multiwalled Carbon Nanotubes: An Unusual Behavior of Nickel." *NERM 38th American Chemical Society Meeting.* ACS. Rochester, NY. 1 Oct. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Santhanam, K.S.V., et al. "Clean Energy: Hydrogen/Fuel Cells Laboratory Course." *NERM 38th American Chemical Society Meeting.* ACS. Rochester, NY. 1 Oct. 2012. Conference Presentation. Δ £

Invited Presentations/Keynotes:

Chen, Xu and K.S.V. Santhanam. "High Temperature Sustainability of a New Material Made of Atomized Co:Ni Alloy Compositated with Multi-walled Carbon Nanotubes." *MRS Fall Meeting.* Materials Research Society. Boston, MA. 3 Apr. 2012. Conference Presentation. Δ £

Invited Presentations/Keynotes: Santhanam, K.S.V. "RIT Efforts in Popularizing Nanomaterials." NISE NETWORK Wide Meeting. Boston Museum NSF Funded. Boston, MA. 11 Dec. 2012. Conference Presentation. Δ

Thomas W. Smith, Professor

Published Conference Proceedings: Smith, Thomas, et al. "PVDF-Based Polymer Blend Films for Fuel Cell Membranes." Proceedings of the Materials Research Society Symposium. Ed. Materials Research Society. Warrendale, PA: n.p., 2012. Print.

Journal Paper: Smith, Thomas, et al. "Bis(trifluoromethyl)carbinol Polynorbornene as a Pseudo-Polyelectrolyte in Multilayered Films." *Thin Solid Films* 520. (2012): 6170-6173. Web.

Gerald Takacs, Professor

Journal Paper: Takacs, Gerald A., et al. "Surface Characterization of UV Photo-oxidized Colorless Polyimides." *Journal of Adhesion Science and Technology*. (2012): DOI: 10.1163/156856111X62309625. Web. £

Journal Paper: Takacs, Gerald A., L. Oliveira, and T. Debies. "Surface Modification of Multi-walled Carbon Nanotubes with Gaseous Oxygen and Chlorine Atoms." *Journal of Adhesion Science and Technology* 26. (2012): 221-230. Print. £

Journal Paper: Takacs, Gerald A., et al. "Surface Activation of Perfluorosulfonic Acid Membrane Used in Fuel Cells with Vacuum UV Photo-oxidation." *Journal of Adhesion Science and Technology*. (2012): DOI: 10.1080/01694243.2012.705525. Web. £

Journal Paper: Takacs, Gerald A., et al. "XPS Studies of Poly(acrylic acid) Grafted onto UV Photo-oxidized Polystyrene Surfaces." *Journal of Adhesion Science and Technology*. (2012): DOI: 10.1080/01694243.2012.691037. Web. £

Journal Paper: Takacs, Gerald A., et al. "Surface Oxidation of Single-walled Carbon Nanotube Paper with Oxygen Atoms." *Journal of Adhesion Science and Technology*. (2012): DOI: 10.1080/01694243.2012.705093. Web. £

Published Conference

Proceedings: Takacs, Gerald A., et al. "Grafting Carbon Nanotubes with Poly(acrylic acid)." Proceedings of the 38th Northeast Regional Meeting of the American Chemical Society. Ed. American Chemical Society. Rochester, NY3: n.p., 2012. Print.

Scott Williams, Professor

Journal Paper: Mayer, Theodor K., et al. "Hepatitis B Assays in Serum, Plasma and Whole Blood on Filter Paper." *BMC Clinical Pathology* 12. 8 (2012): 1-5. Web. «

Journal Paper: Bowles, David J., et al. "Chemiluminescent Identification and Quantification of Artemisinin and Relevant Sesquiterpene Lactone Derivatives." *Applied Spectroscopy* 66. 2 (2012): 175-179. Print. «

School of Life Sciences

Gregory Babbitt, Assistant Professor

Journal Paper: Babbitt, Gregory A and Schulze Katharina V. "Codons Support the Maintenance of Intrinsic DNA Polymer Flexibility Over Evolutionary Timescales." *Genome Biology and Evolution* 4. 9 (2012): 870-881. Web. * £ †

Larry Buckley, Associate Professor

Journal Paper: Gan, Han Ming, et al. "Whole-Genome Sequence of *Enterobacter* sp. Strain SST3, an Endophyte Isolated from Jamaican Sugarcane (*Saccharum* sp.) Stalk Tissue." *Journal of Bacteriology* 194. 21 (2012): 5981. Print. *

Invited Presentations/Keynotes: Weatherell, Michelle Lynne and Larry J. Buckley. "Mitochondrial Haplotype Variation in Lake Sturgeon, *Acipenser Fulvescens* (Rafinesque, 1817), of the Great Lakes Basin." Rochester Academy of Science. St. John Fisher College. Rochester, NY. 10 Nov. 2012. Conference Presentation.

Invited Presentations/Keynotes: Cooper, Alexandra and Larry J. Buckley. "Mitochondrial DNA Analysis of *H. Sapiens*." Rochester Academy of Science. St. John Fisher College. Rochester, NY. 10 Nov. 2012. Conference Presentation.

Sandra J Connelly, Assistant Professor

Journal Paper: Rose, Kevin C, et al. "The Role of Ultraviolet Radiation and Fish in Regulating the Vertical Distribution of *Daphnia*." *Limnology and Oceanography* 57. 6 (2012): 1867-1876. Print. *

Feng Cui, Assistant Professor

Journal Paper: Cui, F, et al. "Transcriptional Activation of Yeast Genes Disrupts Intragenic Nucleosome Phasing." *Nucleic Acids Research* 40. 21 (2012): 10753-10764. Print. *

Journal Paper: Macvanin, M, et al. "Noncoding RNAs Binding to the Nucleoid Protein HU in *Escherichia Coli*." *Journal of Bacteriology* 194. 22 (2012): 6046-6055. Print. *

Elizabeth W Dicesare, Lecturer

Journal Paper: DiCesare, Elizabeth Wolyniak, Bruce R. Hargreaves, and Kristen L. Jellison. "Biofilm Roughness Determines *Cryptosporidium parvum* Retention in Environmental Biofilms." *Applied and Environmental Microbiology* 78. (2012): 4187-4193. Print. *

Journal Paper: DiCesare, Elizabeth Wolyniak, Bruce R. Hargreaves, and Kristen L. Jellison. "Biofilms Reduce Solar Disinfection of *Cryptosporidium parvum* Oocysts." *Applied and Environmental Microbiology* 78. (2012): 4522-4525. Print. *

Judged National/International Competition Award Winner: DiCesare, Elizabeth Wolyniak. American Water Works Association. Academic Achievement Award: Second place dissertation. International, Web, 2012.

Irene Evans, Professor

Published Conference

Proceedings: Evans, Irene M., et al. "A Prion-Containing Yeast Cell Can Switch into Agar-Invasive Growth While an Isogenic Non-Prion Strain Cannot." Proceedings of the American Society for Cell Biology, 12/14-19/12 San Francisco, CA. Ed. ASCB. San Francisco, CA: Molecular Biology of the Cell, 2012. Web. *

Cheryl A Hanzlik

Invited Presentations/Keynotes:

Hanzlik, Cheryl, et al. "Adjunct Faculty Positions: a Second Job, an Alternate Career Path, or a Transition." Society of Women Engineers National Conference. Society of Women Engineers. Houston, TX. 8 Nov. 2012. Conference Presentation.

Journal Paper: Hanzlik, Cheryl, K. N. Busse, and Gregg Babbitt. "Observing Fluorescent Probes in Living Cells Using a Low Cost UV LED Flashlight Retrofitted to a Common Vintage Light Microscope." Journal of Microbiology & Biology Education. (2012). Print.

Anne Houtman, Professor

Full Length Book: Houtman, Anne M., Susan Karr, and Jeneen Interlandi. Environmental Science for a Changing World. 1 ed. New York City, NY: W.H. Freeman, 2012. Print.

Andre Hudson, Assistant Professor

Journal Paper: Hudson, Andre, et al. "Whole Genome Sequence of Enterobacter sp. SST3, an Endophyte Isolated from Jamaica Sugarcane (Saccharum sp) Stalk Tissue." Journal of Bacteriology 194. (2012): 5981-598. Print.

Journal Paper: Hudson, Andre, et al. "Genome Sequence of Novosphingobium sp. Strain Rr02-17, a Nopaline Crown Gall Associated Bacterium Isolated from Vitis vinifera L. Grapevine." Journal of Bacteriology 194. (2012): 5137-5138. Print.

Journal Paper: Hudson, Andre. "Genome Sequence of Methylobacterium sp. Strain GXF4, a Xylem Associated Bacterium Isolated from Vitis Vinifera L. Grapevine." Journal of Bacteriology 194. (2012): 5157-5158. Print.

Journal Paper: Hudson, Andre, et al. "Genomic and Biochemical Analysis of the Diaminopimelate and Lysine Biosynthesis Pathway in Verrucomicrobium Spinosum." Frontiers in Microbiology 183. 3 (2012): 3389. Print.

Published Conference

Proceedings: Hudson, Andre, et al. "Genomic and Biochemical Analysis of the Diaminopimelate/Lysine Synthesis Pathway in Verrucomicrobium Spinosum." Proceedings of the American Society for Microbiology. Ed. American Society for Microbiology. San Francisco, CA: American Society for Microbiology, 2012. Print.

Dina Newman, Assistant Professor

Journal Paper: Newman, Dina L., et al. "GRM7 Variants Associated with Age-Related Hearing Loss Based on Auditory Perception." *Hearing Research* 294. 1-2 (2012): 125-132. Print. «

Journal Paper: Newman, Dina L., Christina M. Catavero, and L. Kate Wright. "Students Fail to Transfer Knowledge of Chromosome Structure to Topics Pertaining to Cell Division." *CBE—Life Sciences Education* 11. Winter (2012): 1-12. Print. «

Invited Presentations/Keynotes: Zimmer, Erin, Bethany Bowling, and Dina L. Newman. "Linking Basic Concepts to Whole Exome Sequencing Content." Undergraduate Faculty Genetics Education Workshop. American Society of Human Genetics. San Francisco, CA. 6 Nov. 2012. Conference Presentation. Δ

Shows/Exhibits/Installations: Newman, Dina. What is in Your Genes? By Carolina Alexander Rodriguez, et al. 5 May 2012. Imagine RIT, Rochester, NY. Exhibit.

Invited Presentations/Keynotes: Newman, Dina L. "Assessing Course Curricula." PKAL Upstate NY Regional Network Meeting. Project Kaleidoscope. Rochester, NY. 20 Jan. 2012. Conference Presentation. Δ

Michael Savka, Professor

Journal Paper: Gan, HM, et al. "Genome Sequence of Methylobacterium Sp. Strain GXF4, a Xylem Associated Bacterium Isolated from Vitis Vinifera L. Grapevine." *Journal of Bacteriology* 194. (2012): 5157-5158. Print. £

Journal Paper: Gan, HM, et al. "Whole Genome Sequence of Enterobacter Sp. SST3: An Endophyte Isolated from Jamaica Sugarcane (Saccharum Sp.) Stalk Tissue." *Journal of Bacteriology* 194. (2012): 5981-5982. Print. £

Journal Paper: Gan, HM, et al. "Genome Sequence of Novosphingobium Sp. Strain Rr 2-17, A Nopaline Crown Gall Associated Bacterium Isolated from Vitis Vinifera L. Grapevine." *Journal of Bacteriology* 194. (2012): 5137-5138. Print. £

Susan Smith, Assistant Professor

Journal Editor: Smith, Susan B., ed. *Northeastern Naturalist*. Steuben, ME: Eagle Hill Publications, 2012. Print.

Invited Presentations/Keynotes: Smith, Susan B, Allyson C. Miller, and Todd Pagano. "Seasonal and Site Differences in Refueling Rates of Songbirds During Migration Stopover Near the South Shore of Lake Ontario." 5th North American Ornithological Conference. University of British Columbia. Vancouver, BC. 17 Aug. 2012. Conference Presentation.

Invited Presentations/Keynotes: Smith, Susan B, et al. "Nutritional Value of Native and Invasive Fruits for Migrating Songbirds in the Western Finger Lakes Region of New York." 5th North American Ornithological Conference. University of British Columbia. Vancouver, BC. 16 Aug. 2012. Conference Presentation.

Invited Presentations/Keynotes:
Smith, Susan B. "The Nutritional Ecology of Birds During Migration: Applications of Plasma Metabolite Profiling." Environmental Studies Speaker Series. Alfred University. Alfred, NY. 21 Sep. 2012. Guest Lecture.

Invited Presentations/Keynotes:
Smith, Susan B., et al. "Chemical Composition and Nutritional Quality of Native and Invasive Wild Fruits in Western New York." 243rd American Chemical Society National Meeting and Exposition. American Chemical Society. San Diego, CA. 27 Mar. 2012. Conference Presentation.

Leslie Kate Wright, Assistant Professor

Journal Paper: Wright, L. Kate, Christina Catavero, and Dina L. Newman. "Students Fail to Transfer Knowledge of Chromosome Structure to Topics Pertaining to Cell Division." CBE Life Sciences Education 11. 4 (2012): 425-436. Print. *

Journal Paper: Wright, Leslie Kate, et al. "Dimethyl Sulfoxide Exposure Modulates HL-60 Cell Rolling Interactions." Bioscience Reports 32. (2012): 375-82. Print. *

School of Mathematical Sciences

Nathan D. Cahill, Associate Professor

Published Conference

Proceedings: Melbourne, Andrew, et al. "Using Fractional Gradient Information in Nonrigid Image Registration: Application to Breast MRI." Proceedings of the SPIE Medical Imaging: Image Processing, February 2012, San Diego. Ed. David R. Haynor and Sebastien Ourselin. San Diego, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Sun, Shaohui, Nzola De Magalhaes, and Nathan D. Cahill. "Nearly Rigid Descriptor-Based Matching for Volume Reconstruction from Histological Sections." Proceedings of the SPIE Medical Imaging: Image Processing, February 2012, San Diego. Ed. David R. Haynor and Sebastien Ourselin. San Diego, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Harvey, Zachary G., et al. "Low Bandwidth Eye Tracker for Scanning Laser Ophthalmoscopy." Proceedings of the SPIE Medical Imaging: Image Processing, February 2012, San Diego. Ed. David R. Haynor and Sebastien Ourselin. San Diego, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Cahill, Nathan D. "Motion Coherent Image Registration and Demons: Practical Handling of Deformation Boundaries." Proceedings of the SPIE Medical Imaging: Image Processing, February 2012, San Diego. Ed. David R. Haynor and Sebastien Ourselin. San Diego, CA: n.p., 2012. Print. *

Published Conference

Proceedings: Phadtare, Lalit K., Raja S. Kushalnagar, and Nathan D. Cahill. "Detecting Hand-Palm Orientation and Hand Shapes for Sign Language Gesture Recognition Using 3D Images." Proceedings of the IEEE Western New York Image Processing Workshop. Rochester, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Karantza, Alex, Sonia Lopez Alarcon, and Nathan D. Cahill. "A Comparison of Sequential and GPU-Accelerated Implementations of B-Spline Signal Processing Operations for 2-D and 3-D Images." Proceedings of the 3rd International Conference on Image Processing Theory, Tools and Applications. Istanbul, Turkey: n.p., 2012. Print. «

Invited Presentations/Keynotes:

Cahill, Nathan D. and Mehran Ebrahimi. "Image Registration in the Presence of Discontinuities." Industrial Problem-Solving Workshop on Medical Imaging. The Fields Institute and Mitacs. Toronto, Ontario. 20 Aug. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Cahill, Nathan D. "Computational Frameworks for Image Registration." Mind Research Network Seminar Series. Mind Reserach Network. Albuquerque, NM. 30 Aug. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Cahill, Nathan D. "Imaging Analysis and Computer Vision in the Center for Imaging Science at RIT." Computational Engineering and Computational Applied Sciences Seminar Series. Lawrence Livermore National Laboratory. Livermore, CA. 31 Aug. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Cahill, Nathan D. "Industrial Applications of Image Registration." SIAM Student Chapter Distinguished Speaker Series / Applied Math Colloquium Series. University of Maryland Baltimore County (UMBC) Department of Mathematics and Statistics. Baltimore, MD. 24 Feb. 2012. Guest Lecture.

Ephraim Agyingi, Associate Professor

Journal Paper: Ngwa, Matthias and Ephraim Agyingi. "A Model of Fluid Injection into the Spinal Disc." Applied Mathematical Modelling 36. 6 (2012): 2550-2566. Print. * £

Journal Paper: Ngwa, Matthias and Ephraim Agyingi. "Effect of an External Medium on Tumor Growth-induced Stress." IAENG International Journal of Applied Mathematics 42. 4 (2012): 229-236. Print. * £

Bernard Brooks, Associate Professor

Invited Presentations/Keynotes: Brooks, Bernard. "A Two-Population Competition Model for a Finite Natural Resource." Canadian Mathematical Society Winter Meeting. Canadian Mathematical Society. Montreal, PQ. 8 Dec. 2012. Conference Presentation.

Invited Presentations/Keynotes: Brooks, Bernard. "Predictive Emergency Response Modelling (PERM) via Agent-Based Models and Network Analysis." NYCAM. RPI. Troy, NY. 13 Oct. 2012. Conference Presentation.

Manuela Campanelli, Professor

Journal Paper: Gallouin, Louis, et al. "Asymptotically Matched Space-time Metric for Non-Precessing, Spinning Black Hole Binaries." *Classical and Quantum Gravity* 29. (2012): 235013. Print. £ † ≠

Journal Paper: Noble, Scott C., et al. "Circumbinary MHD Accretion into Inspiral Binary Black Holes." *The Astrophysical Journal* 51. (2012): 755. Print. £ ≠

Journal Paper: Lousto, Carlos O., et al. "Study of Conformally Flat Initial Data for Highly Spinning Black Holes and their Early Evolutions." *Physical Review D* 85. (2012): 124013. Print. « £ ≠

Journal Paper: Ajith, P, et al. "The NINJA-2 Catalog of Hybrid Post-Newtonian/Numerical-Relativity Waveforms for Non-Precessing Black-Hole Binaries." *Classical and Quantum Gravity* 29. (2012): 124001. Print. * £ † ≠

Invited Presentations/Keynotes: Campanelli, Manuela. "Numerical Relativity Calculations of Black Hole Recoils." AAS Summer Meeting: Galaxy Mergers from the Largest to the Smallest Scales. American Astronomical Society. Anchorage, AK. 13 Jun. 2012. Conference Presentation. ≠

Shows/Exhibits/Installations: Warfield, Thomas. *Astrodance*. By Hans-Peter Bischof, Joe Bochner, Jake Noel Storr. 22 Sep. 2012. Fringe Festival, Rochester. Performance. † ≠

Journal Editor: Day, Adam and Manuela Campanelli (editorial board member), ed. *Classical and Quantum Gravity*. London: IOP, 2012. Print. « Δ £ ≠

Linlin Chen, Assistant Professor

Journal Paper: Chen, Linlin, et al. "Transcriptome Signature in Young Children with Acute Otitis Media due to *Streptococcus Pneumoniae*." *Microbes and Infection* 14. (2012): 600-609. Print. * « £

Journal Paper: Linlin, Chen, et al. "Hypertonic Saline and Desmopressin: A Simple Strategy for Safe Correction of Severe Hyponatremia." *American Journal of Kidney Disease*. (2012): doi:10.1053/j.ajkd.2012.11.032. Web. *

Published Conference

Proceedings: Chen, Linlin, et al. "Sentinel Lymph Node: A Tale of Two Methods, A Natural Experiment." *Proceedings of the Annual Meeting of the American Roentgen Ray Society (ARRS)*. Ed. American Roentgen Ray Society. Vancouver, BC: n.p., 2012. Print. £

Elizabeth Cherry, Assistant Professor

Journal Paper: Cherry, EM and FH Fenton. "Contribution of the Purkinje Network to Wave Propagation in the Canine Ventricle: Insights from a Combined Electrophysiological-Anatomical Model." *Nonlinear Dynamics* 68. (2012): 365-379. Print. * Δ \pounds \neq

Journal Paper: Cherry, EM, FH Fenton, and RF Gilmour, Jr. "Mechanisms of Ventricular Arrhythmias: A Dynamical Systems-Based Perspective." *American Journal of Physiology Heart and Circulatory Physiology* 302. (2012): H2451-H2463. Print. * Δ \pounds \neq

Published Conference

Proceedings: Murthy, A, et al. "Approximate Bisimulations for Sodium Channel Dynamics." *Proceedings of the 10th International Conference on Computational Methods in Systems Biology*. London, England: ACM, 2012. Print. * \pounds \neq

Invited Presentations/Keynotes:

Cherry, EM. "A Computational Approach to Understanding Cardiac Arrhythmias." *Applied and Computational Math Seminar*. Georgia Institute of Technology. Atlanta, GA. 2 Apr. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Cherry, EM. "A Computational Approach to Understanding Cardiac Arrhythmias." *Department of Mathematics and Neuroscience Institute Seminar*. Georgia State University. Atlanta, GA. 3 Apr. 2012. Guest Lecture.

Sami Elbially

Journal Paper: Elbially, Mohamed Sami. "Stable and Unstable Manifolds for Hyperbolic Bi-Semigroups." *J. of Functional Analysis*. 262 (2012): 2516-2560. Print. \pounds

David L Farnsworth, Professor

Journal Paper: Farnsworth, David L. and Jonathan R. Bradley. "Tests for Empty Sets when Misclassifications May be Present." *Journal of Statistical Planning and Inference* 142. 7, July (2012): 2166-2178. Print. \ll

Journal Paper: Long, Michael E. and Thomas D. Hopkins and David L. Farnsworth. "Application of Agent-Based Modeling to the Cost of Corporate Subsidies." *International Journal of Scientific Knowledge* 1. 2, October (2012): 38-47. Web. \ll

Raluca Felea, Associate Professor

Invited Presentations/Keynotes:

Felea, Raluca. "An Inverse Problem in Common Midpoint SAR Imaging." 2012 Spring Southeastern Section Meeting. University of South Florida. Tampa, FL. 10 Mar. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Felea, Raluca. "Microlocal Analysis of Common Midpoint SAR Imaging." 2012 SIAM Conference on Imaging Science. SIAM. Philadelphia, PA. 20 May 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Felea, Raluca. "Microlocal analysis of SAR Imaging with Moving Objects." *Math Seminar*. University of Binghamton. Binghamton, NY. 5 Dec. 2012. Guest Lecture. Δ

Matthew J Hoffman, Assistant Professor

Journal Paper: Greybush, S. J., et al. "Ensemble Kalman Filter Data Assimilation of Thermal Emission Spectrometer Temperature Retrievals into a Mars GCM." *Journal of Geophysical Research: Planets* 117. E11 (2012): Web. *

Journal Paper: Hoffman, M. J., et al. "An Advanced Data Assimilation System for the Chesapeake Bay: Performance Evaluation." *J. Atmos. Oceanic Technol.* 29. (2012): 1542-1557. Print. *

Journal Paper: Urquhart, E., et al. "Remotely Sensed Estimates of Surface Salinity in the Chesapeake Bay." *Remote Sensing of the Environment* 23. (2012): 522-531. Print. *

Journal Paper: Hoffman, M. J., et al. "Assessment of Mars Atmospheric Temperature Retrievals from the Thermal Emission Spectrometer Radiances." *Icarus* 220. 2 (2012): 1031-1039. Print. *

Jobby Jacob, Assistant Professor

Journal Paper: Jacob, Jobby, et al. "Minimal Rankings of the Cartesian Product $K_n \times K_n$." *Discussiones Mathematicae Graph Theory* 32. 4 (2012): 725-736. Print. *

Baasansuren Jadamba, Assistant Professor

Journal Paper: Jadamba, Baasansuren, Akhtar A. Khan, and Miguel Sama. "Regularization for State Constrained Optimal Control Problems by Half Spaces Based Decoupling." *Systems and Control Letters* 61. (2012): 707-713. Print. ~

Journal Paper: Baasansuren, Jadamba, et al. "Proximal Point Methods for the Inverse Problem of Identifying Parameter in Beam Models." *Emerging Applications of Wavelet Methods* 1463. (2012): 16-38. Print. *

Journal Paper: Baasansuren, Jadamba and Fabio Raciti. "A Variational Inequality Approach to a Class of Environmental Equilibrium Problems." *Applied Mathematics* 3. (2012): 1723-1728. Web. *

Invited Presentations/Keynotes: Baasansuren, Jadamba. "Finite Element Error Estimates for a Phase Field Model for Mixtures." Department Colloquium. University of Catania. Catania, Italy. 7 Mar. 2012. Guest Lecture.

Invited Presentations/Keynotes: Baasansuren, Jadamba. "Egularization of Stochastic Variational Inequalities and Comparison of an L_p and a Sample-Path Approach." 21st International Symposium on Mathematical Programming. Mathematical Optimization Society. Berlin, Germany. 24 Aug. 2012. Conference Presentation.

Invited Presentations/Keynotes: Baasansuren, Jadamba. "Regularization of Stochastic Variational Inequalities and Comparison of an L_p and a Sample-Path Approach." Eastern Sectional Meeting. American Mathematical Society. Rochester, NY. 22 Sep. 2012. Conference Presentation.

Akhtar Khan, Assistant Professor

Journal Paper: Khan, Akhtar A. and Doug Ward. "Toward Second-Order Sensitivity Analysis in Set-Valued Optimization." *Journal of Nonlinear and Convex Analysis* 13. (2012): 65-83. Print. *

Journal Paper: Khan, Akhtar A. and M. Sama. "A Multiplier Rule for Stable Problems in Vector Optimization." *Journal of Convex Analysis* 19. (2012): 525-539. Print. *

Journal Paper: Khan, Akhtar A. and M. Sama. "Optimal Control of Multivalued Quasi Variational Inequalities." *Nonlinear Analysis* 75. (2012): 1419-1428. Print. *

Journal Paper: Khan, Akhtar A., B. Jadamba, and M. Sama. "Regularization for State Constrained Optimal Control Problems by Half Spaces Based Decoupling." *Systems Control Letters* 61. (2012): 707-713. Print. *

Journal Paper: Khan, Akhtar A. and D. Motreanu. "Local Minimizers Versus X-Local Minimizers." *Optimization Letters* 10.1007/s11590-012-0474-8. (2012): 1-7. Web. *

Journal Paper: Khan, Akhtar A. and C. Tammer. "Second-Order Optimality Conditions in Set-valued Optimization via Asymptotic Derivatives." *Optimization* 10.1080/02331934.2012.674948. (2012): 1-16. Web. *

Journal Paper: Khan, Akhtar A., et al. "Proximal Point Methods for the Inverse Problem of Identifying Parameters in Beam Models." *Emerging Applications of Wavelet Methods* 1463. (2012): 16-38. Print. *

Journal Paper: Khan, Akhtar A. and C. Tammer. "Generalized Dubovitskii-Milyutin Approach." *Vietnam Journal of Mathematics* 40. (2012): 285-304. Print. *

Invited Presentations/Keynotes: Khan, Akhtar A. "A Convex Optimization Problem in Identifying Tumor Location." *The 21st International Symposium on Mathematical Programming*. N/A. Berlin, Germany. 19 Aug. 2012. Lecture. Δ

Invited Presentations/Keynotes: Khan, Akhtar A. "Ill Posed Quasi-Variational Inequalities with Multi-valued Maps." *The 6th International Conference on Inverse Problems: Modeling and Simulation*. IP. Antalya, Turkey. 21 May 2012. Lecture. Δ

Invited Presentations/Keynotes: Khan, Akhtar A. "Inverse Problems in Linear Elasticity: Compressible and Incompressible Cases." *The fourth International Workshop on Variational Analysis and Applications*. Stampacchia School of Mathematics, Erice. Sicily, Italy. 14 May 2012. Lecture. Δ

Invited Presentations/Keynotes: Khan, Akhtar A. "Conical Regularization for Optimal Control Problems." *Invited Talk*. University of Catania. Catania, Italy. 3 Mar. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Khan, Akhtar A. "Conical Regularization for Abstract Constrained Optimization Problems in Hilbert Spaces." Joint Mathematics Meetings. AMS/SIAM. Boston, MA. 4 Jan. 2012. Lecture. Δ

Carlos Lousto, Associate Professor

Journal Paper: Zlochower, Yosef, Marcelo Ponce, and Carlos Lousto. "Accuracy Issues for Numerical Waveforms." *Physical Review D* 86. (2012): 104056. Print. \pounds

Journal Paper: Lousto, Carlos, et al. "Study of Conformally Flat Initial Data for Highly Spinning Black Holes and their Early Evolutions." *Physical Review D* 85. (2012): 124013. Print. \pounds

Journal Paper: Ajith, P. and Carlos Lousto. "The NINJA-2 Catalog of Hybrid Post-Newtonian/numerical-relativity Waveforms for Non-precessing Black-hole Binaries." *Class.Quant. Grav.* 29. (2012): 124001. Print. \pounds

Journal Paper: Cardoso, Vitor and Carlos Lousto. "NR/HEP: roadmap for the future." *Class.Quant.Grav.* 29. (2012): 244001. Print. \pounds

Journal Paper: Lousto, Carlos, et al. "Gravitational Recoil From Accretion-Aligned Black-Hole Binaries." *Physical Review D* 85. (2012): 84015. Print. \pounds

External Scholarly Fellowships:

10/1/2012 -

9/30/2013

(XSEDE) is supported by the National Science Foundation
Amount: 17259113 SU

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Invited Presentations/Keynotes:

Lousto, Carlos. "Binary Black Hole Mergers in Numerical Relativistic Astrophysics." XXVI Texas Symposium on Relativistic Astrophysics. INPE. Sao Paulo, Brazil. 19 Dec. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Lousto, Carlos. "Gravitational Recoil From Black-Hole Binaries." Nishinomiya Yukawa Symposium: New Waves in Gravity and Cosmology. Yukawa Institute. Kyoto, Japan. 5 Dec. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Lousto, Carlos. "Gravitational Recoil From Merging Black-Hole Binaries." Conference: AMS 2012 Eastern Sectional Meeting. RIT. Rochester, NY. 22 Sep. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Lousto, Carlos. "Gravitational Recoil From Accretion-Aligned Black-Hole Binaries." 13th Marcel Grossmann Meeting. Marcel Grossmann Meeting. Stockholm, Sweden. 4 Jul. 2012. Conference Presentation.

Kara Maki, Assistant Professor

Journal Paper: Maki, Kara L. and Yuriko Renardy. "The Dynamics of a Viscoelastic Liquid which Displays Thixotropic Yield Stress Behavior." *Journal of Non-Newtonian Fluid Mechanics* 181. (2012): 30-50. Print. \pounds

Invited Presentations/Keynotes:

Maki, Kara Lee and David S. Ross. "Settling Dynamics of the Contact Lens." Applied and Computational Math Seminar. George Mason University. Fairfax, VA. 26 Oct. 2012. Lecture.

Invited Presentations/Keynotes:

Maki, Kara Lee and David Ross. "Settling Dynamics of the Contact Lens." Workshop on Thin Liquid Films and Fluid Interfaces: Models, Experiments and Applications. Banff International Research Station. Banff, Alberta, Canada. 13 Dec. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Maki, Kara Lee and Yuriko Rendary. "Dynamics of a Thixotropic Yield Stress Fluid: A Mathematical Perspective of Ketchup?" Applied Mathematics Seminar. University of Delaware. Newark, DE. 27 Jun. 2012. Lecture.

Invited Presentations/Keynotes:

Maki, Kara Lee and David Ross. "Settling Dynamics of a Contact Lens." Minisymposium on Dynamics and Applications of Thin Liquid Films. Society for Industrial and Applied Mathematics Annual Meeting. Minneapolis, MN. 12 Jul. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Maki, Kara Lee and Satish Kumar. "Fast Evaporation of Spreading Droplets of Colloidal Suspensions." Workshop on Surfactant Driven Thin Film Flows. Fields Institute for Research in Mathematical Sciences. Toronto, Ontario. 22 Feb. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Maki, Kara Lee and Satish Kumar. "Fast Evaporation of Spreading Droplets of Colloidal Suspensions." Special Session on Mathematics in Industry. Joint Mathematic Meeting. Boston, MA. 4 Jan. 2012. Conference Presentation.

Darren A Narayan, Professor

Journal Paper: Jamison, Robert E. and Darren A. Narayan. "Max-Optimal and Sum-Optimal Labelings of Graphs." *Information Processing Letters* (Elsevier Science) 112. 1-2 (2012): 26-31. Print. £

Invited Presentations/Keynotes:

Narayan, Darren A. "Finding Funding and Support for Building an Undergraduate Research Program." 2012 Trends in Undergraduate Research in the Mathematical Sciences Conference. Mathematical Association of America. Chicago, IL. 28 Oct. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Narayan, Darren A. "Efficiency of Graphs." Fall Eastern Section Meeting, American Mathematical Society. Rochester Institute of Technology. Rochester, NY. 23 Sep. 2012. Conference Presentation.

Michael Radin, Associate Professor

Published Conference Proceedings: Radin, Michael A. and Frank Palladino. "Existence of Multiple Periodic Solutions of a Non-Autonomous Rational Difference Equation." *Proceedings of the International Conference on Difference Equations & Applications*. Ed. Saber Elaydi. Barcelona, Spain: Central European Journal of Mathematics, 2012. Print. £

Invited Presentations/Keynotes:

Radin, Michael A. "Existence of Multiple Periodic Solutions of a Non-Autonomous Rational Difference Equation." International Conference on Difference Equations & Applications. International Society of Difference Equations & Applications. Barcelona, Spain. 23 Jul. 2012. Conference Presentation. Δ

David Ross, Professor

Journal Paper: Ross, David S., et al. "Dynamics of Cell Signaling and PTH Treatments for Osteoporosis." Discrete and Continuous Dynamical Systems, Series B 17. 6 (2012): 2185-2200. Print. Δ

Journal Paper: Wahle, Chris, David S. Ross, and George Thurston. "On the Design of Experiments for Determining Ternary Mixture Free Energies from Static Light Scattering Data using a Nonlinear Partial Differential Equation." Journal of Chemical Physics 137. (2012): 34201. Print.

Journal Paper: Wahle, Chris, David S. Ross, and George Thurston. "On Inferring Liquid-Liquid Phase Boundaries and Tie Lines from Ternary Mixture Light Scattering." Journal of Chemical Physics 137. (2012): 34203. Print.

Journal Paper: Wahle, Chris, David S. Ross, and George Thurston. "Mathematical and Computational Aspects of Quaternary Liquid Mixing Free Energy Measurement Using Light Scattering." Journal of Chemical Physics 137. (2012): 34202. Print.

Chris W Wahle, Assistant Professor

Journal Paper: Wahle, Chris, David S. Ross, and George M. Thurston. "On the Design of Experiments for Determining Ternary Mixture Free Energies from Static Light Scattering Data using a Nonlinear Partial Differential Equation." Journal of Chemical Physics 137. (2012): 342201. Print. \pounds

Journal Paper: Wahle, Chris, David S. Ross, and George M. Thurston. "Mathematical and Computational Aspects of Quaternary Liquid Mixing Free Energy Measurement Using Light Scattering." Journal of Chemical Physics 137. (2012): 342202. Print. \pounds

Journal Paper: Wahle, Chris, David S. Ross, and George M. Thurston. "On Inferring Liquid-Liquid Phase Boundaries and Tie Lines from Ternary Mixture Light Scattering." Journal of Chemical Physics 137. (2012): 342203. Print. \pounds

Paul Wenger, Assistant Professor

Journal Paper: Cooper, Joshua, et al. "Uniquely C4-Saturated Graphs." Graphs and Combinatorics 28. 2 (2012): 189-197. Print. \pounds

Journal Paper: Diemunsch, Jennifer, et al. "Rainbow Matchings of Size $\Delta(G)$ in Properly Edge-Colored Graphs." Electronic Journal of Combinatorics 19. 2 (2012): #P52. Web. \pounds

Journal Paper: Ferrara, Michael, et al. "Saturation Numbers for Families of Graph Subdivisions." Journal of Graph Theory 71. 4 (2012): 416-434. Print. \pounds

Journal Paper: Ferrara, Michael, Timothy Morris, and Paul Wenger. "Pancyclicity of 4-Connected, Claw-Free, P10-Free Graphs." *Journal of Graph Theory* 71. 4 (2012): 435-447. Print. £

Tamas Wiandt, Associate Professor

Invited Presentations/Keynotes:

Wiandt, Tamas. "Bifurcation Scenarios in a System of Delay Differential Equations." 2012 CMS Winter Meeting. Canadian Mathematical Society. Montreal, Quebec, Canada. 8 Dec. 2012. Conference Presentation. Δ

Yosef Zlochower, Assistant Professor

Journal Paper: Zlochower, Yosef, Marcelo Ponce, and Carlos Lousto. "Accuracy Issues for Numerical Waveforms." *Physical Review D* 86. (2012): 104056. Print. £

Journal Paper: Noble, Scott C, et al. "Circumbinary MHD Accretion into Inspiring Binary Black Holes." *Astrophysical Journal* 755. (2012): 51. Print. £

Journal Paper: Lousto, Carlos, et al. "Study of Conformally Flat Initial Data for Highly Spinning Black Holes and their Early Evolutions." *Physical Review D* 85. (2012): 124013. Print. £

Journal Paper: Lousto, Carlos, et al. "Gravitational Recoil From Accretion-Aligned Black-Hole Binaries." *Physical Review D* 85. (2012): 84015. Print. £

Journal Paper: Ajith, P. "The NIN-JA-2 Catalog of Hybrid Post-Newtonian/Numerical-Relativity Waveforms for Non-Precessing Black-Hole Binaries." *Class.Quant.Grav.* 29. (2012): 124001. Print. £

Invited Presentations/Keynotes:

Zlochower, Yosef. "Numerical Simulations of Black-Hole Mergers." Washington State University Physics Colloquium. Washington State University. Pullman, WA. 12 Mar. 2012. Address. £

Invited Presentations/Keynotes:

Zlochower, Yosef. "New Conformally Flat Initial Data for Spinning Black Holes." APS April Meeting. APS. Atlanta, GA. 2 Apr. 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Zlochower, Yosef. "Hang-Up Kicks: Large Recoils for Partially Aligned Binaries." Eastern Gravity Meeting. Syracuse University. Syracuse, NY. 22 Apr. 2012. Conference Presentation.

External Scholarly Fellowships:

9/15/2012 -
8/31/2015
NSF
Amount: \$113,252
*

External Scholarly Fellowships:

9/1/2012 -
8/31/2015
NSF
Amount: \$290,110
*

External Scholarly Fellowships:

10/1/2010 -

9/30/2015

NSF

Amount: \$646,092

*



SAUNDERS COLLEGE OF
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E. PHILIP SAUNDERS COLLEGE OF BUSINESS

FEATURED FACULTY

JOHN E. ETTLIE IS THE BENJAMIN FORMAN CHAIR FOR RESEARCH IN THE SAUNDERS COLLEGE OF BUSINESS. HIS RESEARCH COVERS A WIDE RANGE OF TOPICS RELATED TO THE INNOVATION PROCESS: GLOBALIZATION AND R&D MANAGEMENT, NEW PRODUCT AND NEW SERVICE DEVELOPMENT, COGNITIVE STYLE AND CREATIVITY, AND THE ADOPTION OF MANUFACTURING PROCESS INNOVATIONS. HE ARRIVED AT RIT IN THE FALL OF 1999 FROM THE UNIVERSITY OF MICHIGAN WHERE HE TAUGHT FOR 15 YEARS.

Dr. Ettlief and his colleague, Dr. Sandra Rothenberg, in the Saunders College recently published an article in the California Management Review on the auto industry which is under considerable pressure to not only perform but convert its products to more environmentally friendly technology. They show data from the industry and interviews that strongly supports the theory of internal and external integration of functions as a key to survival and success in this global industry.

The continuation of this research on the auto industry, which is being funded by the National Science Foundation, brings together researchers in China (Dr. Ozer) and Portugal (Dr. Veloso) and compares the R&D management process for new sustainable technologies using the economic theory of dynamic capabilities. The final report on this project is in preparation but early and preliminary results show remarkable similarities between primarily landed transplant firms in China and U.S. companies in their processes of pursuit of R&D excellence leading toward sustainability in this industry.

JOHN E. ETTLIE
BENJAMIN FORMAN CHAIR FOR RESEARCH
SAUNDERS COLLEGE OF BUSINESS





Accounting

Ratna Dey, Assistant Professor

Journal Paper: Dey, R. Mithu and Mary Sullivan. "Was Dodd-Frank Justified in Granting Internal Control Audit Exemption to Small Firms." *Managerial Auditing Journal* 27. 7 (2012): 666-692. Print. *

Journal Paper: Dey, R. Mithu, Ashok Robin, and Daniel Tesson. "Advisory Services Rise Again at Large Audit Firms: Like a Phoenix, Revenues Reborn Amid Renewed Concerns." *CPA Journal* 82. 8 (2012): 58-67. Print. *

Journal Paper: Dey, R. Mithu and Ashok Robin. "The Post-SOX Evolution of the Client Portfolio of the Second Tier: A Focus on Restatement and Internal Control Risk." *International Journal of Auditing* 16. 3 (2012): 308-338. Print. *

Published Conference

Proceedings: Dey, R. Mithu. "Client Demand for Privacy and Audit Fees." *Proceedings of the Business Research consortium*. Ed. BRC. Oswego, NY: n.p., 2012. Print. *

Published Conference

Proceedings: Dey, R. Mithu and Ashok Robin. "The Post-SOX Evolution of the Client Portfolio of the Second Tier: A Focus on Restatement and Internal Control Risk." *Proceedings of the AAA Annual Meeting*. Ed. AAA. Washington, DC: n.p., 2012. Web. *

Rachna Prakash, Assistant Professor

Journal Paper: Prakash, Rachna and Nishi Sinha. "Deferred Revenue and the Matching of Expenses and Revenue." *Contemporary Accounting Research*. (2012). Print. £

Rong Yang, Associate Professor

Journal Paper: Yang, Rong and Beixin Lin. "Does Regulation Fair Disclosure Affect Analysts' Forecast Performance? The Case of Restructuring Firms." *Review of Quantitative Finance and Accounting* 38. 4 (2012): 495-517. Print. «

Journal Paper: Yang, Rong and Beixin Lin. "Restructure the Accounting Rules for Restructuring Charges? IFRS vs. US GAAP." *The CPA Journal* 82. 3 (2012): 38-41. Print. «

Journal Paper: Yang, Rong, et al. "Client Risk Management: A Study of Earnings Management, Audit Fees, and Auditor Resignations." *Auditing: A Journal of Practice and Theory*. (2012). Print. £

Journal Paper: Yang, Rong, et al. "Government Intervention and Institutional Trading Strategy: Evidence from a Transition Country." *Global Finance Journal*. (2012). Print. £

Journal Paper: Yang, Rong and Beixin Lin. "Does Regulation Fair Disclosure Affect Analysts' Forecast Performance? The Case of Restructuring Firms." *Review of Quantitative Finance and Accounting* 38. 4 (2012): 495-517. Print. £

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Δ Invited Paper
£ Refereed

~ Non-Blind Peer Reviewed
^ Trade Publication

† RIT Student
‡ External Funding

Journal Paper: Yang, Rong and Beixin Lin. "Restructure the Accounting Rules for Restructuring Charges? IFRS vs. US GAAP." CPA Journal 82. 3 (2012): 38-41. Print. £

Decision Sciences

A Erhan Mergen, Professor

Published Conference

Proceedings: Mergen, A Erhan and D. S. Holmes. "Control Limits vs. Acceptance Limits - Which Limits Are Appropriate For Your Task?" Proceedings of the The 2012 Northeast Decision Sciences Institute Meeting Proceedings. Ed. Albert E. Avery. Newport, RI: n.p., 2012. Print. *

Economics

Steven C Gold, Professor

Journal Paper: Gold, Steven and Joseph Wolfe. "The Validity and Effectiveness of a Business Game Beta Test." Simulation & Gaming 43. 4 (2012): 481-505. Print. £

Journal Paper: Gold, Steven. "The Impact of Trading Volume on Next Day Stock Returns in the DJIA 2007-2009." Journal of Applied Financial Research 1. (2012): 28-36. Print. £

Finance

Archana Jain, Assistant Professor

Journal Paper: Jain, Archana, et al. "Worldwide Reach of Short Selling Regulations." Journal of Financial Economics. (2012). Print. £

Jeffrey P Lessard, Associate Professor

Journal Paper: Lessard, Jeffrey, P. Seigle, and K. Karim. "Social Skills Preferences Among Internal Auditors: An Exploratory Study Using The FIRO-B." Journal of Applied Mathematics and Decision Sciences 5. 1 (2012). Print. £

Ashok J Robin, Professor

Journal Paper: Ashok, Robin, and Mithu Dey. "The Post-SOX Evolution of the Client Portfolio of the Second Tier: A Focus on Restatement and Internal Control Risk." International Journal of Auditing 16. 3 (2012): 308-334. Print. £

Journal Paper: Ashok, Robin, Anthony Holder, and Khondkar Karim. "Was Dodd-Frank Justified in Exempting Small Firms from Section 404b Compliance?" Accounting Horizons. (2012). Print. £

Journal Paper: Ashok, Robin, Mithu Dey, and Daniel Tesson. "Like a Phoenix Rising-Advisory Services Returns to Audit Firms." CPA Journal. (2012). Print. £

Hao Zhang, Assistant Professor

Journal Paper: Zhang, Hao and Carl Hsin-han. "CEO Risk Incentives and Firm Performance Following R&D Increases." Journal of Banking and Finance. (2012). Print. £

International Business

Stephen R Luxmore, Assistant Professor

Journal Paper: Luxmore, Dr. Stephen, Dr. Zhi Tang, and Dr. Clyde Hull. "When Corporate Social Responsibility Matter: An Empirical Investigation of Contingencies." *International Journal of Corporate Governance*. (2012): 143-162. Print. * £

Rizwan Tahir

Published Conference

Proceedings: Rizwan, Tahir,. "The Repatriation of Female Managers in Australia and New Zealand (Anz) Companies: Why is it not Considered Critical to Internationalization." *Proceedings of the Australia New Zealand Academy (ANZAM) of Management*. Ed. Anne Andersen. Perth, Australia, Australia: n.p., 2012. Print. *

Zhi Tang, Associate Professor

Journal Paper: Tang, Z, Clyde Hull, and Sandra Rothenberg. "How Corporate Social Responsibility Engagement Strategy Moderates the CSR-Financial Performance Relationship." *Journal of Management Studies* 49. 7 (2012): 1274-1303. Print. *

Journal Paper: Tang, Z and J Tang. "Stakeholder-Firm Power Difference, Stakeholders? CSR Orientation, and SME?s? Environmental Performance in China." *Journal of Business Venturing* 27. 4 (2012): 436-455. Print. *

Journal Paper: Tang, Z and Clyde Hull. "An Investigation of Entrepreneurial Orientation, Perceived Environmental Hostility, and Strategy Application among Chinese SMEs." *Journal of Small Business Management* 50. 1 (2012): 132-158. Print. *

Journal Paper: Tang, Dr. Zhi and Dr. Delmonzie Smith. "Does State Ownership Affect Pollution Control? Evidence from the Chinese Iron and Steel Industry." *International Journal of Business Governance and Ethics*. (2012). Print. « £

Journal Paper: Tang, Dr. Zhi and Dr. Delmonzie Smith. "The Growth Performance of Top African American Businesses." *Management Decision*. (2012). Print. « £

Journal Paper: Tang, Dr. Zhi, Dr. Stephen Luxmore, and Dr. Clyde Hull. "When Corporate Social Responsibility Matters: An Empirical Investigation of Contingencies." *International Journal of Corporate Governance*. (2012). Print. « £

John D Ward, Lecturer

Journal Paper: Ward, Mr. John, et al. "Expanding on Innovation." *BizEd Magazine* XI. January (2012): 48-50. Print. ^

Management

Richard DeMartino, Associate Professor

Journal Paper: DeMartino, Dr. Richard, et al. "Radical Innovation in Medium-Sized Enterprises: An Exploratory Study of Strategic Intent and Innovation Process." *International Journal of Entrepreneurship and Innovation Management*. (2012). Print. « £

Clyde Hull, Associate Professor

Journal Paper: Tang, Zhi, Clyde Eiríkur Hull, and Sandra L. Rothenberg. "How Corporate Social Responsibility Engagement Strategy Moderates the CSR-Financial Performance Relationship." *Journal of Management Studies* 49. 7 (2012): 1274-1303. Print. «

Journal Paper: Tang, Zhi and Clyde Eiríkur Hull. "An Investigation of Entrepreneurial Orientation, Perceived Environmental Hostility, and Strategy Application among Chinese SMEs." *Journal of Small Business Management* 50. 1 (2012): 132-158. Print. «

Journal Paper: Hull, Dr. Clyde, Dr. Stephen Luxmore, and Dr. Zhi Tang. "When CSR Matters: An Empirical Investigation of Contingencies." *International Journal of Corporate Governance*. (2012). Print. « £

Journal Paper: Hull, Dr. Clyde E., et al. "Market Orientation in Digital Entrepreneurship: Advantages and Challenges in a Web 2.0 Networked World." *International Journal of Innovation and Technology Management*. (2012). Print. « £

Journal Paper: Hull, Dr. Clyde E., Annie L. Liao, and Dr. Raj Murthy. "The Six Facets Model of Digital Business: A Study in the Digital Business Industry." *International Journal of Innovation and Technology Management*. (2012). Print. « £

Shal Khazanchi, Associate Professor

Journal Paper: Khazanchi, S. and K. L. Byron. "Rewards and Creative Performance: A Meta-Analytic Test of Theoretically Derived Hypotheses." *Psychological Bulletin*. (2012): 809-830. Print. « £

Brian F O'Neil, Lecturer

Journal Paper: O'Neil, Dr. Brian, et al. "Expanding on Innovation." *BizEd Magazine* XI. January (2012): 48-50. Print. ^

Michael Palanski, Assistant Professor

Journal Paper: Palanski, Dr. Michael. "Forgiveness and Reconciliation in the Workplace: A Multi-Level Perspective and Research Agenda." *Journal of Business Ethics* 109. (2012): 275-287.. Print. « £

Journal Paper: Palanski, Dr. Michael, James Avey, and Tara Wernsing. "Exploring the Process of Ethical Leadership: The Mediating Role of Employee Voice and Psychological Ownership." *Journal of Business Ethics* 107. (2012): 21-34. Print. « £

Journal Paper: Palanski, Dr. Michael, Hannes Leroy, and Tony Simons. "Authentic Leadership and Behavioral Integrity as Drivers of Follower Commitment and Performance." *Journal of Business Ethics* 107. (2012): 255-264. Print. « £

Sandra Rothenberg, Professor

Journal Paper: Rothenberg, Dr. Sandra, Dr. Clyde Hull, and Dr. Zhi Tang. "How Corporate Social Responsibility Engagement Strategy Moderates the CSR-Financial Performance Relationship." *Journal of Management Studies* 49. 7 (2012): 1274-1303. Print. « £

Journal Paper: Rothenberg, Dr. Sandra and David Levy. "Corporate Perceptions of Climate Science: The Role of Corporate Environmental Scientists." *Business and Society* 51. 1 (2012): 31-61. Print. « £

Journal Paper: Rothenberg, Dr. Sandra, et al. "Life Cycle Assessment in the Print Industry: A Critical Review." *Journal of Industrial Ecology* 16. 1 (2012): S195-S205. Print. « £

Delmonize A Smith, Assistant Professor

Journal Paper: Smith, Dr. Delmonzie and Dr. Zhi Tang. "How Does State Ownership Affect Pollution Control? Evidence from the Chinese Iron and Steel Industry." *International Journal of Business Governance and Ethics* 7. 3 (2012): 173-190. Print. * £

Management Information Systems

Manlu Liu, Assistant Professor

Journal Paper: Duncan, Jonathon, June Wei, and Manlu Liu. "Strategic and Tactical Electronic Business Solutions in Pharmacies and Drug Stores." *International Journal of Services and Standards (B-)*. (2012). Print. £

Journal Paper: Fan, Shaokun, et al. "A Framework for the Transformation of Conceptual to Logical Workflow Models." *Decision Support Systems and Electronic Commerce*. (2012). Print. £

Journal Paper: Liu, Manlu, Harry Jiannan Wang, and J Leon Zhao. "Technology Flexibility as Enabler of Robust Application Development in Community Source." *Journal of Systems and Software*. (2012). Print. £

Victor J Perotti, Associate Professor

Journal Paper: Hair, Neil, et al. "Market Orientation in Digital Entrepreneurship: Advantages and Challenges." *International Journal of Innovation and Technology Management (B-)*. (2012). Print. £

Journal Paper: Perotti, Victor J, et al. "Expanding on Innovation." *BizEd Magazine*. (2012): 48-50. Print. £

Qiang Tu, Professor

Journal Paper: Tu, Qiang, et al. "Expanding on Innovation." *BizEd Magazine*. (2012): 48-50. Print. £

Marketing

Deborah Colton, Associate Professor

Journal Paper: Colton, Deborah. "The Role of Retailer Mindset and Promotional Resources in Strengthening Online Brands." *Journal of Brand Management*. (2012). Print. £

Neil Hair, Associate Professor

Journal Paper: Hair, Neil Frederick, et al. "Online Customer Experience in e-Retailing: An empirical model of Antecedents and Outcomes." *Journal of Retailing* 88. 2 (2012): 308-322. Print. «

Journal Editor: Hair, Neil Frederick, ed. *International Journal of Internet Marketing and Advertising*. Tai Pai: n.p., 2012. Print. «

Rajendran S Murthy, Assistant Professor

Journal Paper: Sriramachandramurthy, Rajendran, Monica A. Hodis, and Hemant C. Sashittal. "Targeting college students on Facebook? How to stop wasting your money." *Business Horizons* 55. 5 (2012): 495-507. Print. « £

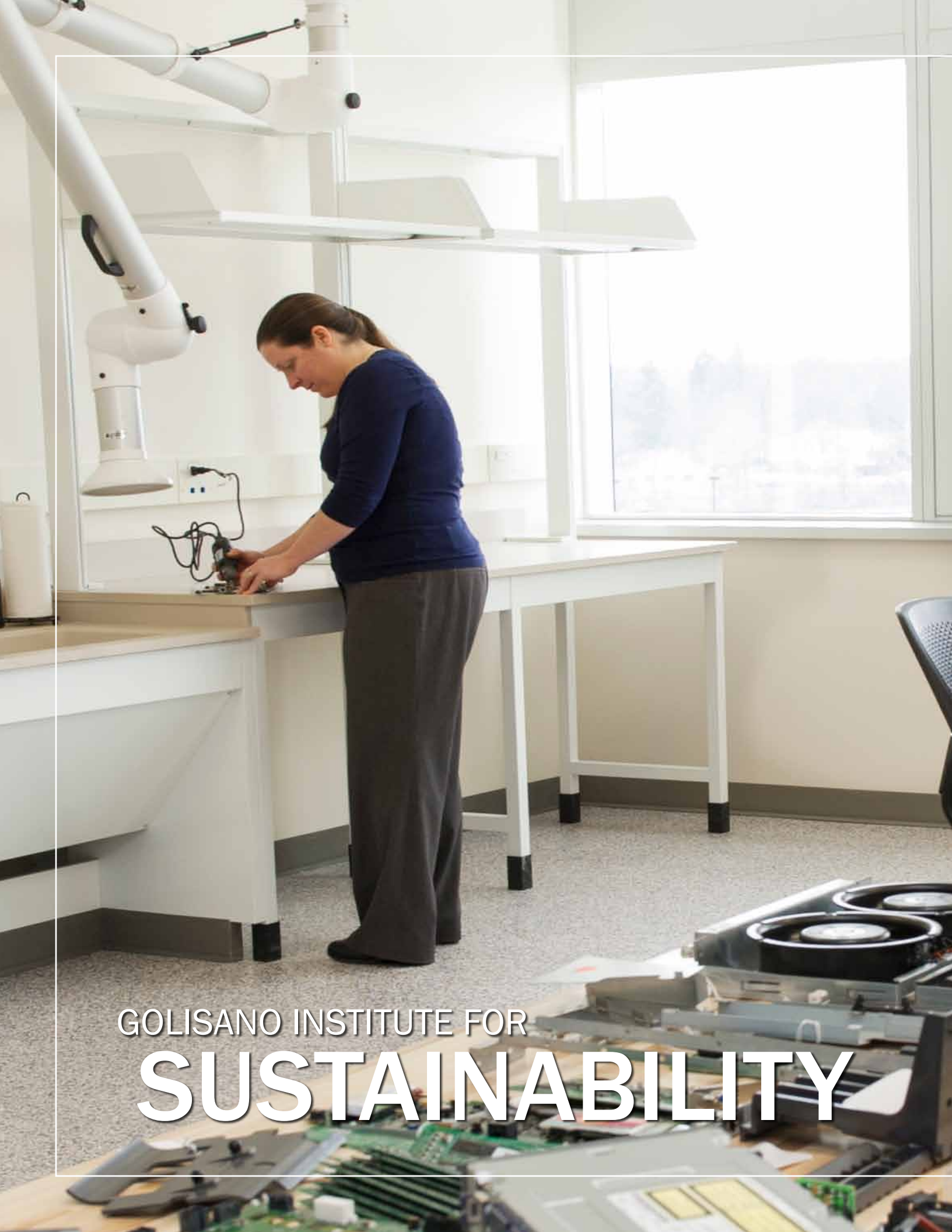
Journal Paper: Sriramachandramurthy, Rajendran, Hemant C. Sashittal, and Monica A. Hodis. "Case Version: Targeting college students on Facebook? How to stop wasting your money." *Harvard Business Review Case BH493*. PDF-ENG (2012): 13p. Web. Δ

Published Conference Proceedings: Sriramachandramurthy, Rajendran and John N. Angelis. "Are Innovative Companies also More Interactive? Evidence from Company Websites." *Proceedings of the INFORMS*. Ed. Sinan Erzurumlu. Phoenix, AZ: INFORMS, 2012. Web. « £

Journal Paper: Murthy, Rajendran S, Annie Liao, 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-)*. (2012). Print. £

Journal Paper: Sashittal, Hemant C, Rajendran S Murthy, and Monica Hodis. "Targeting College Students on Facebook? How to Stop Wasting Your Money." *Business Horizons (B+)*. (2012). Print. £





GOLISANO INSTITUTE FOR

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FEATURED FACULTY

THOMAS AQUINAS TRABOLD IS AN ASSOCIATE PROFESSOR IN THE GOLISANO INSTITUTE FOR SUSTAINABILITY (GIS). HIS RESEARCH IS FOCUSED ON SUSTAINABLE ENERGY AND MOBILITY SYSTEMS, PARTICULARLY THOSE INVOLVING FUEL CELL AND BIO-FUEL TECHNOLOGIES WHICH OFFER PATHWAYS TO EFFICIENT, CARBON-NEUTRAL ENERGY CONVERSION.

Dr. Trabold joined GIS after a twenty-year career in industrial research and development, including senior engineering positions at General Electric, Xerox and General Motors. In his current role as Director of the Center for Sustainable Mobility, research is devoted to development of mobility technologies that satisfy economic, environmental and social constraints. Electrochemical energy conversion devices such as fuel cells are favored for their high efficiencies relative to combustion processes, and the entire energy cycle can be nearly carbon-neutral if the hydrogen delivered to the fuel cell is derived by reforming renewable resources.

To this end, Dr. Trabold's team is currently investigating the production and use of biodiesel from waste cooking oil, in a program funded by the Environmental Protection Agency (EPA). Another area of research is production of methane from anaerobic co-digestion of dairy manure and food processing waste. In a recently published paper in *Bioresource Technology*, both biodiesel and bio-methane have been shown to provide a nearly carbon-neutral energy cycle when used as feedstocks for solid oxide fuel cell-based auxiliary power units (APUs) on heavy-duty trucks.

The Center for Sustainable Mobility is also strongly engaged in collaborations with national laboratories, university and industrial partners. Dr. Trabold and his students have applied neutron imaging to study the transport and accumulation of liquid water that forms as a product of the electrochemical reaction in proton exchange membrane fuel cells. Experiments are conducted at the National Institute of Standards and Technology (NIST), in a facility that was built as the outcome of collaboration between Dr. Trabold and Dr. Muhammad Arif of NIST.

THOMAS AQUINAS TRABOLD
ASSOCIATE PROFESSOR
GOLISANO INSTITUTE FOR SUSTAINABILITY





Master of Architecture

Alex Bitterman, Associate Professor

Book Chapter: Bitterman, Alex.
"Color The World: Identifying Color Trends in Contemporary City Brands." Color & Design. Ed. Marilyn DeLong and Barbara Martinson. London, England: Berg Publishers, 2012. Chapter 17. Print. «

Journal Editor: Reilly, Andrew, ed.
Critical Studies in Men's Fashion. London, England: Intellect, Ltd., 2012. Print. *

PhD in Sustainability

Callie Babbitt, Assistant Professor

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." Biore-source Technology. (2012). Web. *

Journal Paper: Anctil, A., et al. "Cumulative Energy Demand for Small Molecule and Polymer Photovoltaics." Progress in Photovoltaics: Research and Applications. (2012). Web. *

Journal Paper: Schauerman, C. M, et al. "Recycling Single-Wall Carbon Nanotube Anodes from Lithium Ion Batteries." Journal of Materials Chemistry 22. (2012): 12008-12015. Print. *

Published Conference

Proceedings: Fumagalli, M. E, et al.
"A Framework for the Integration of System Engineering and Functional Analysis Techniques to the Goal and Scope of Life Cycle Assessment." Proceedings of the ASME 2012 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference. Chicago, IL: n.p., Print. *

Published Conference

Proceedings: Gaustad, G, et al.
"Economic and Environmental Trade-Offs for Li-Based Battery Recycling." Proceedings of the Battery Recycling Symposium, Energy Conversion and Storage Proceedings, The Minerals, Metals, and Materials. Orlando, FL: n.p., Print. £

External Scholarly Fellowships:

9/1/2012 -
8/31/2015
National Science Foundation
Amount: \$298,610

* ≠

Gabrielle Gaustad, Assistant Professor

Journal Paper: Wang, X. and G. Gaustad. "Prioritizing Material Recovery for End-of-Life Printed Circuit Boards." Waste Management 32. (2012): 1903-1913. Print. *

Published Conference

Proceedings: Ganter, M., et al.
"Electrochemical Performance and Safety of Lithium Ion Battery Anodes Incorporating Single Wall Carbon Nanotubes." Proceedings of the Material Research Society. Boston, MA: n.p., 2012. 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

Journal Paper: Schauerman, C., et al. "Recycling Single-Wall Carbon Nanotubes from Lithium Ion Batteries." *Journal of Materials Chemistry* 22. (2012): 12008-12015. Print. *

Journal Paper: Gaustad, G., E. Olivetti, and R. Kirchain. "Improving Aluminum Recycling: A Survey of Sorting and Impurity Removal Technologies." *Resources, Conservation, and Recycling* 58. (2012): 79-87. Print. *

Published Conference

Proceedings: Gaustad, Gabrielle, et al. "Economic and Environmental Trade-Offs for Li-Based Battery Recycling." *Proceedings of the The Minerals, Metals, and Materials Society (TMS) Annual Conference*. Ed. Maria Salazar-Villalpando, et al. New York, NY: John Wiley and Sons, Print. * † ≠

Nabil Nasr, Professor

Invited Presentations/Keynotes: Nasr, Nabil. "The Next Generation of Remanufacturing: Technology and Sustainability Trends." *Remanufacturing and the Sustainable Organization Conference*. MERA and Golisano Institute for Sustainability. Troy, MI. 2 Oct. 2012. Keynote Speech.

Invited Presentations/Keynotes: Nasr, Nabil. "Remanufacturing: A Key Enabler to Circular Economy and Closed Loop Production." *2nd United States-China Remanufacturing Dialogue*. U.S. Department of Commerce, International Trade Administration. Washington, DC. 27 Sep. 2012. Conference Presentation.

Invited Presentations/Keynotes: Nasr, Nabil. "Remanufacturing - The View from the US." *2012 World Remanufacturing Summit*. University of Bayreuth. Bayreuth, Germany. 3 Sep. 2012. Keynote Speech.

Invited Presentations/Keynotes: Nasr, Nabil. "Sustainable Manufacturing and Closed-Loop Systems." *1st Distinguished Speaker Lecture Series*. Nanyang Technological University. Singapore, SE Asia. 21 Mar. 2012. Keynote Speech.

Invited Presentations/Keynotes: Nasr, Nabil. "Next Generation Remanufacturing." *NTU-SIMTech Industry Seminar*. Nanyang Technological University/SIMTech. Singapore, SE Asia. 20 Mar. 2012. Conference Presentation.

Invited Presentations/Keynotes: Nasr, Nabil. "Remanufactured Goods: An Overview of the U.S. and Global Industries, Markets, and Trade." *U.S. International Trade Commission public hearing*. U.S. International Trade Commission. Washington, DC. 28 Feb. 2012. Conference Presentation.

Journal Paper: Nasr, Nabil. "Sustaining the Food Chain." *Industrial Engineer*. December (2012): 26. Print. ^

Journal Paper: Nasr, Nabil. "The Sustainable Mobility Connection." *Industrial Engineer*. September (2012): 24. Print. ^

Journal Paper: Nasr, Nabil. "Incubators Propel Clean Energy Forward." *Industrial Engineer*. June (2012): 28. Print. ^

Journal Paper: Nasr, Nabil. "The Future of U.S. Manufacturing." *Industrial Engineer*. March (2012): 26. Print. ^

Thomas Trabold, Associate Professor

Journal Paper: Trabold, T.A., et al. "Measurement and Analysis of Carbon Formation During Diesel Reforming for Solid Oxide Fuel Cells." *International Journal of Hydrogen Energy* 37. (2012): 5190-5201. Print. *

Journal Paper: Owejan, J.P., et al. "Proton Resistance Correlated to Liquid Water Content of Gas Diffusion Layers." *Journal of Power Sources* 209. (2012): 147-151. Print. *

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*. (2012): 1-10. Web. *

Published Conference

Proceedings: Lin, J., et al. "Auto-Thermal Reforming of Biodiesel-Ethanol-Diesel Blends for Solid Oxide Fuel Cell Applications." *Proceedings of the American Institute of Chemical Engineers (AIChE) Annual Meeting, Symposium on Fuel Processing for Hydrogen Production*. Ed. D. Shekhawat. Pittsburgh, PA: American Institute of Chemical Engineers, 2012. Print. *

Published Conference

Proceedings: Rankin, M.J., et al. "Analysis of Dairy Manure and Food Manufacturing Waste as Feedstocks for Sustainable Energy Production via Anaerobic Digestion." *Proceedings of the ASME 6th International Conference on Energy Sustainability & 10th International Fuel Cell Science, Engineering and Technology Conference*. Ed. L. Schaefer. San Diego, CA: American Society of Mechanical Engineering, 2012. Print. *

Published Conference

Proceedings: Lin, J., et al. "Mitigation of Carbon Formation During Autothermal Reforming of Biodiesel for Solid Oxide Fuel Cell Applications." *Proceedings of the ASME 6th International Conference on Energy Sustainability & 10th International Fuel Cell Science, Engineering and Technology Conference*. Ed. L. Schaefer. San Diego, CA: American Society of Mechanical Engineering, 2012. Print. *

Published Conference

Proceedings: Liu, X., et al. "Investigation of Channel-to-Manifold Water Transport in Proton Exchange Membrane Fuel Cells." *Proceedings of the ASME 6th International Conference on Energy Sustainability & 10th International Fuel Cell Science, Engineering and Technology Conference*. Ed. L. Schaefer. San Diego, CA: n.p., 2012. Print. *

Invited Presentations/Keynotes:

Trabold, T.A. "Neutron and Synchrotron Characterization Methods." National Science Foundation (NSF) Science and Technology Center Site Visit. University of Delaware. Newark, DE. 24 Sep. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Fister, D. and T.A. Trabold. "Waste Cooking Oil to Fuel Program." Climate Showcase Communities - Biodiesel Workshop. Monroe County Department of Environmental Services. Rochester, NY. 5 Oct. 2012. Lecture. ≠

Invited Presentations/Keynotes:

Trabold, T.A. "Environmental and Economic Benefits of Anaerobic Co-Digestion." New York State's First Co-Digestion Biogas Plant Opening. Synergy Biogas LLC. Covington, NY. 1 May 2012. Address. ≠

Invited Presentations/Keynotes:

Trabold, T.A. "Alternative (Sustainable) Energy." Youth Workforce Innovations Conference. Monroe County School Business Partnership. Rochester, NY. 29 Mar. 2012. Lecture.

Eric Williams, Associate Professor

Book Chapter: Williams, Eric.

"Future Perspectives on Electronic Scrap." E-waste Management: From Waste to Resource. Ed. Ramzy Kahhat, Klaus Hieronymi, and Eric Williams. New York, NY: Routledge, 2012. 251-260. Print. *

Full Length Book: Kahhat, Ramzy,

Klaus Hieronymi, and Eric Williams. E-waste Management: From Waste to Resource. 1st ed. New York, NY: Routledge, 2012. Print. *

Journal Paper: Zhai, Pei and Eric

Williams. "Analyzing Consumer Acceptance of Photovoltaics (PV) Using Fuzzy Logic Model." Renewable Energy 41. (2012): 350-357. Print. *

Journal Paper: Frijia, Stephane,

Subhrajit Guhathakurta, and Eric Williams. "Functional Unit, Technological Dynamics and Scaling Properties for the Life Cycle Energy of Residences." Environmental Science and Technology 46. 3 (2012): 1782-1788. Print. *

Journal Paper: Kahhat, Ramzy and

Eric Williams. "Materials Flow Analysis of E-waste: Domestic Flows and Exports of Used Computers from the United States." Resources, Conservation and Recycling 67. (2012): 67-74. Print. *

Published Conference

Proceedings: Williams, Eric, Ramzy Kahhat, and Shijnji Kaneko. "Bounding Scenario Analysis: A Case Study of Future Energy Demand of China's Steel Sector." Proceedings of the 2012 IEEE International Symposium on Sustainable Systems and Technology. Ed. Thomas Seager. Piscataway, NJ: IEEE, 2012. Print. *

Published Conference

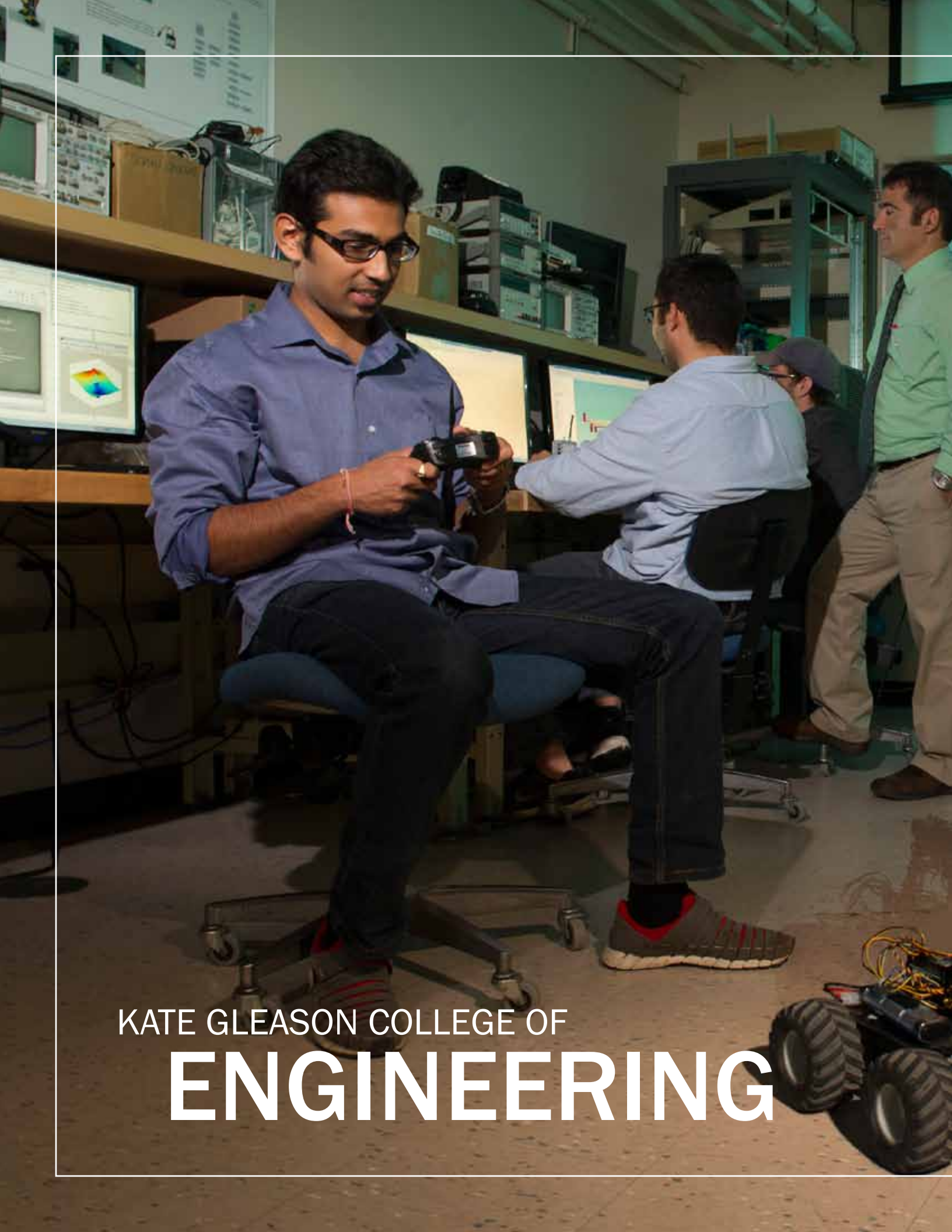
Proceedings: Williams, Eric, et al. "Bill of Attributes, Life Cycle Assessment and Materials Flows: Case Study of Laptop Computers." Proceedings of the Electronics Goes Green+ 2012. Ed. Nils Nilsen. Berlin, Germany: n.p., 2012. Web.

Research Centers

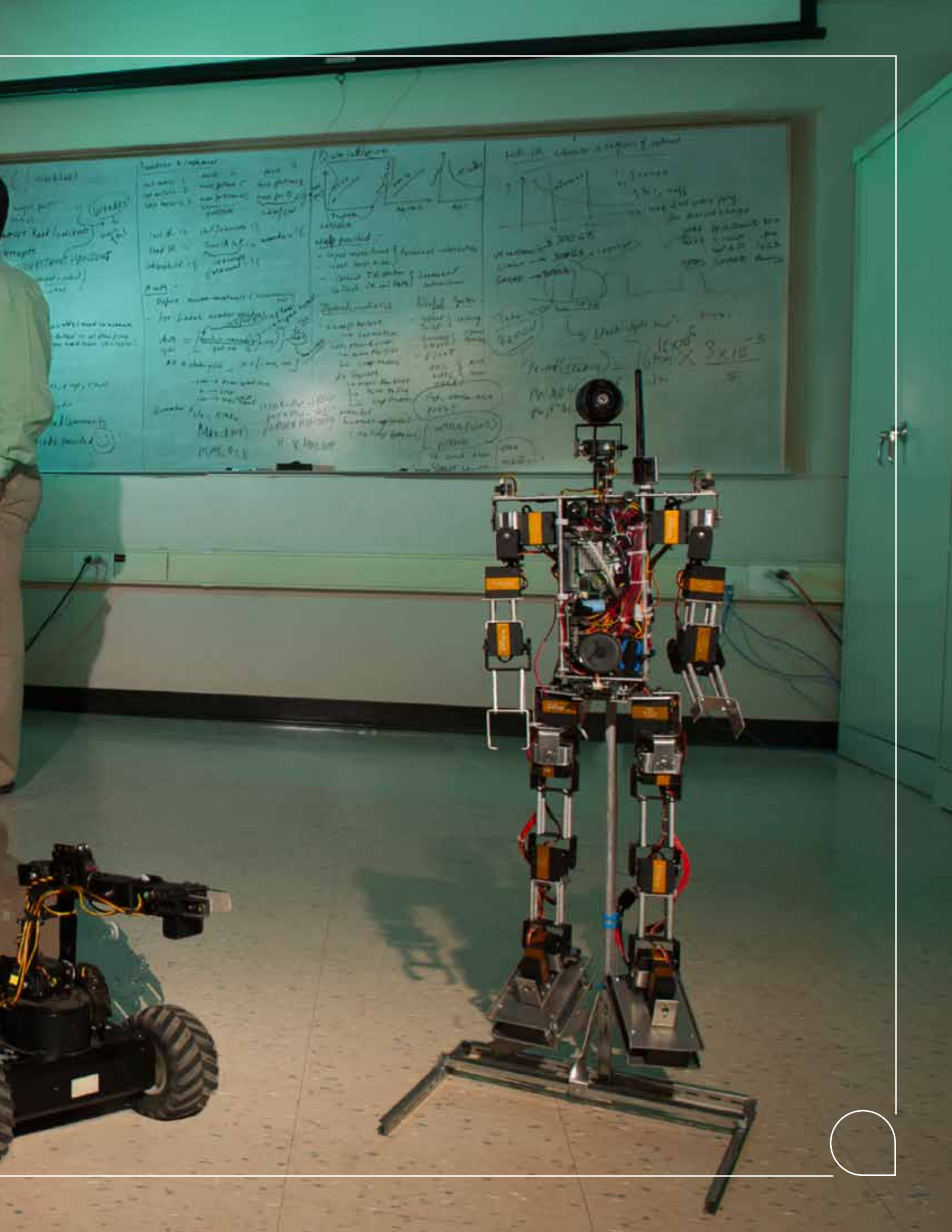
**Paul Ardis, Research Associate
Professor**

Published Conference

Proceedings: Ardis, Paul A., et al.
"Forecasting Reactant Ignition in
Solid Oxide Fuel Cell Systems." Pro-
ceedings of the ASME 10th Interna-
tional Fuel Cell Science, Engineering
& Technology Conference. Ed. ASME.
San Diego, CA: n.p., Print. * ≠



KATE GLEASON COLLEGE OF
ENGINEERING



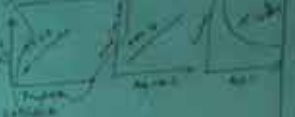
Introduction & objectives

1. To design a humanoid robot
2. To study the kinematics of the robot
3. To study the dynamics of the robot

Parts

1. Servomotors
2. Batteries
3. Motors
4. Sensors
5. Camera
6. Microcontroller
7. Wires

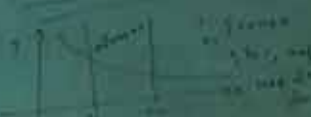
Diagram



1. Hip joint
2. Knee joint
3. Ankle joint

1. Thigh link
2. Shank link
3. Foot link

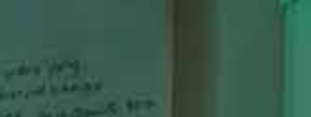
Mathematical description of robot



1. Force
2. Displacement

1. $F = kx$
2. $F = kx^2$
3. $F = kx^3$

Mathematical description of robot



1. Force
2. Displacement

1. $F = kx$
2. $F = kx^2$
3. $F = kx^3$



FEATURED FACULTY

BRIAN J. LANDI IS AN ASSOCIATE PROFESSOR IN THE DEPARTMENT OF CHEMICAL AND BIOMEDICAL ENGINEERING WITH APPOINTMENTS AS CORE GRADUATE FACULTY IN MICROSYSTEMS ENGINEERING, EXTENDED GRADUATE FACULTY IN SUSTAINABILITY, AND AS GROUP LEADER IN THE NANOPOWER RESEARCH LABORATORIES. HIS RESEARCH FOCUSES ON ENHANCING THE PERFORMANCE OF ENERGY CONVERSION, TRANSMISSION, AND STORAGE DEVICES THROUGH THE USE OF NANOMATERIALS.

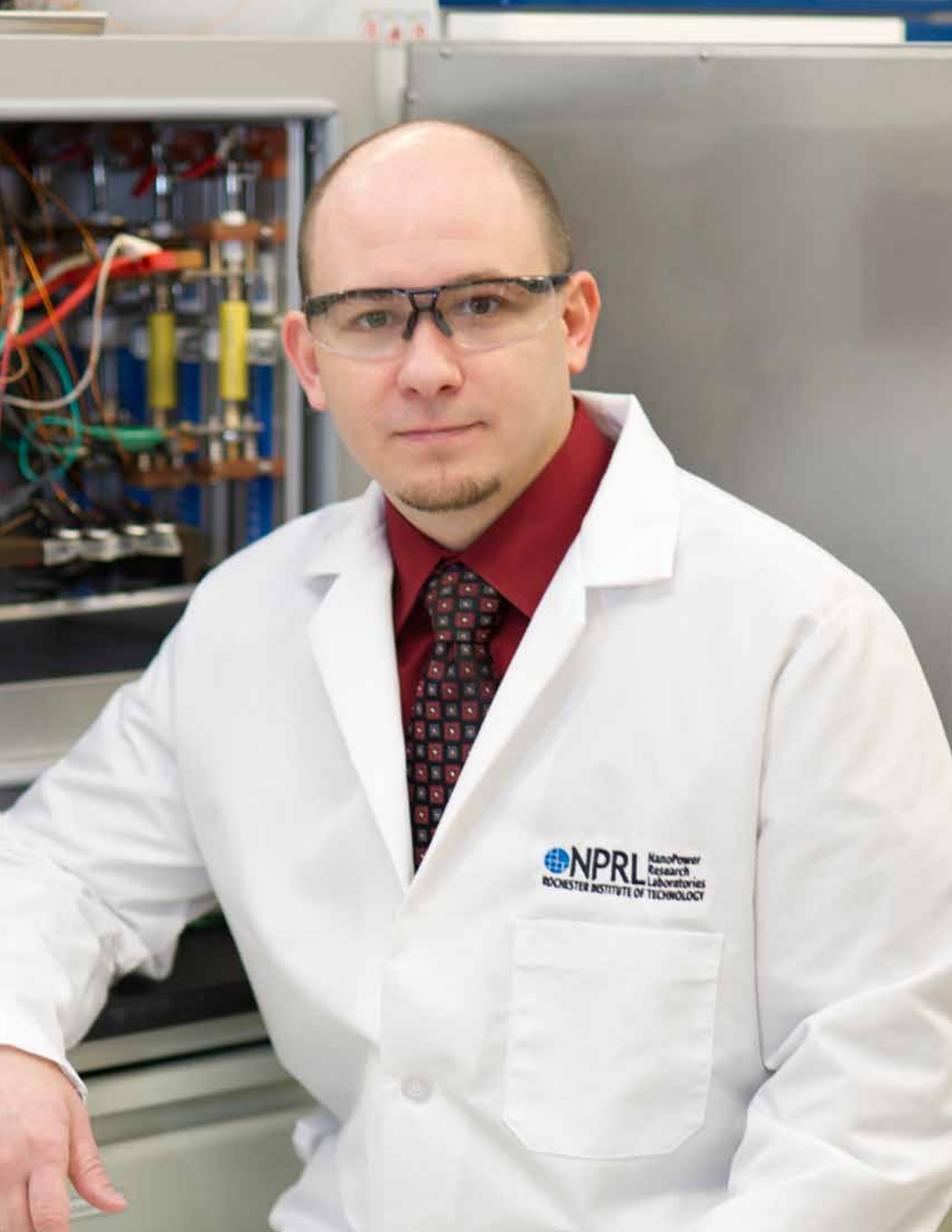
Dr. Landi's research group utilizes carbon nanotubes (CNTs) as a conductive additive or novel electrode support to increase the energy density and thermal stability of lithium ion batteries. The combined efforts to date include designs with CNTs towards a cell energy density of 250-300 Wh/kg, which is ~50% increase over state of the art. Another major effort in his group has focused on improving the electrical conductivity of bulk CNT wires and cables for power and data transmission. CNT wires and ribbons have recently been shown as viable replacements for metallic conductors in lab-scale demonstrations of coaxial, USB, and Ethernet cables. The recent papers in 2012 from Dr. Landi's group were the first publications showing the methodology and improvement of CNT-enabled coaxial cables. A third major research area has focused on measuring the tolerance of CNTs to harsh radiation environments in collaboration with the US Naval Research Laboratories. In August, 2012, his group published the first comprehensive study on the radiation effects of electronic type-separated SWCNT thin films and developed an empirical model relating exposure amounts to changes in the bulk electrical transport properties.

Dr. Landi's research efforts during the last 5 years have translated into \$4M as Principal investigator and over 50 publications. He has supported 28 undergraduate, 6 graduate, and 3 postdoctoral students. He has also given notable presentations on the research at the OECD, NASA Headquarters, Air Force Research Labs, Naval Research Labs, and NY Advanced Energy Conference. Dr. Landi will be serving as co-chair of the 2013 ACS National Meeting Symposium on *Advances in Materials for Batteries* and as co-chair of the 2013 MRS National Meeting Symposium on *Transport Properties in Nanocomposites*.

In March, 2013, Dr. Landi was promoted to Associate Professor with tenure in the KGCOE effective for the 2013-2014 academic year.

BRIAN J. LANDI
ASSOCIATE PROFESSOR
COLLEGE OF ENGINEERING





 **NPRL** NanoPower
Research
Laboratories
ROCHESTER INSTITUTE OF TECHNOLOGY

Center for Quality and Applied Statistics

Peter Bajorski, Associate Professor

Journal Paper: Bajorski, P. "Non-Gaussian Linear Mixing Models for Hyperspectral Images." *Journal of Electrical and Computer Engineering* 2012. (2012): Article ID 818175. Web. £

Journal Paper: Bajorski, P. "Practical Evaluation of Max-Type Detectors for Hyperspectral Images." *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 5. 2 (2012): 462-469. Print. £

Journal Paper: Bajorski, P. "Generalized Detection Fusion for Hyperspectral Images." *IEEE Transactions on Geoscience and Remote Sensing* 50. 4 (2012): 1199 - 1205. Print. £

Journal Paper: Bajorski, P. "Target Detection Under Misspecified Models in Hyperspectral Images." *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 5. 2 (2012): 470-477. Print. £

Chemical and Biomedical Engineering

Thomas R Gaborski, Assistant Professor

Journal Paper: Kavalenka, Maryna N, et al. "Ballistic and Non-Ballistic Gas Flow through Ultrathin Nanopores." *Nanotechnology* 23. 14 (2012): 145706. Print. *

Behnaz Ghoraani, Assistant Professor

Journal Paper: Ghoraani, Behnaz and Sridhar Krishnan. "Discriminant Non-stationary Signal Features' Clustering Using Hard and Fuzzy Cluster Labeling." *The EURASIP Journal on Advances in Signal Processing*. (2012): 1-36. Web. £

Published Conference

Proceedings: Ghoraani, Behnaz, Sridhar Krishnan, and Vijay Chauhan. "Characterization of Fractionated Electrograms Using a Novel Time-Frequency Based Algorithm." *Proceedings of the The 34th Annual International IEEE Engineering in Medicine and Biology Society*. Ed. Michael C.K. Khoo. San Diego, CA: n.p., 2012. Print. ~

Published Conference

Proceedings: Ghoraani, Behnaz, et al. "Utility of Waveform Similarity Mapping and Dominant Frequency Mapping to Identify Activity During Atrial Fibrillation in Patients undergoing Atrial Fibrillation Catheter Ablation Organized Atria." *Proceedings of the 22nd Annual Upstate New York Cardiac Electrophysiology Society Meeting*. Ed. Dr. George Porter and Dr. Linwei Wang. Rochester, NY: n.p., 2012. Web. ~

Brian Landi, Assistant Professor

Journal Paper: Anctil, Annick, et al. "Cumulative Energy Demand for Small Molecule and Polymer Photovoltaics." *Progress in Photovoltaics: Research and Applications*. (2012): DOI: 10.1002/pip.2226. 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

Journal Paper: Jarosz, Paul R., et al. "High Performance Lightweight Coaxial Cable from Carbon Nanotube Conductors." *ACS Applied Materials and Interfaces* 4. (2012): 1103-1109. Print. *

Journal Paper: Schauerman, Chris M., et al. "Recycling Single-Wall Carbon Nanotube Anodes from Lithium Ion Batteries." *J. Mater. Chem.* 22. (2012): 12008-12015. Print. *

Journal Paper: Cress, Cory D., et al. "Radiation Effects in Carbon Nanoelectronics." *Electronics* 1. (2012): 23-31. Web. *

Journal Paper: Rossi, Jamie E., et al. "Ion Irradiation of Electronic-Type-Separated Single Wall Carbon Nanotubes: A Model for Radiation Effects in Nanostructured Carbon." *J. Appl. Phys* 112. (2012): 34314. Print. *

Journal Paper: Lu, F., et al. "Surface Oxidation of Single-Walled Carbon Nanotube Paper with Oxygen Atoms." *J. Adhesion Sci. Technol.* (2012): DOI:10.1080/01694243.2012.705093. Web. *

Journal Paper: Jarosz, Paul R., et al. "Coaxial Cables with Single-Wall Carbon Nanotube Outer Conductors Exhibiting Attenuation/Length within Specification." *IEEE Micro Nano Lett.* 7. (2012): 959-961. Web. *

Journal Paper: DiLeo, Roberta, et al. "Balanced Approach to Safety of High Capacity Silicon Germanium Carbon Nanotube Free-Standing Lithium Ion Battery Anodes." *Nano Energy.* (2012): DOI:10.1016/j.nanoen.2012.09.007. Print. *

Blanca H Lapizco-Encinas, Associate Professor

Journal Editor: Lapizco-Encinas, Blanca H., ed. *Electrophoresis*. Weinheim Germany: Wiley-vch, 2012. Print.

Journal Paper: Sósol-Fernández, R.E., et al. "Cell Assesment in Microfluidic Devices." *Revista Mexicana de Ingeniería Química* 11. 2 (2012): 227-248. Print. £

Journal Paper: Lapizco-Encinas, B.H. and V.M. Ugaz. "Special Issue: Focus Issue on 2011 AES Annual Meeting." *Electrophoresis* 33. 13 (2012): 1923-1923. Print. £

Invited Presentations/Keynotes: Lapizco-Encinas, B.H. "Dielectrophoretic Manipulation of Particles: Mathematical Modeling and Experimental Results." 19th International Symposium on Capillary Electroseparation Techniques. ITP 2012. Baltimore, Maryland, USA. 2 Oct. 2012. Keynote Speech. Δ

Published Conference

Proceedings: Pérez-González, V.H., et al. "3D Carbon Cages for Dielectrophoretic-Based Bioparticle Separation/Concentration Applications." *Proceedings of the 2012 AIChE Annual Meeting*. Ed. AIChE. New York, NY: AIChE, 2012. Print. £

Published Conference

Proceedings: Pérez-González, V.H., et al. "C-MEMS Based Electrodes for the Dielectric Characterization of Microparticles Employing Dielectrophoresis." Proceedings of the 2012 AIChE Annual Meeting. Ed. AIChE. New York, NY: AIChE, ISBN: 978-0-8169-1073-1, 2012. Print. £

Christiaan Richter, Assistant Professor

Journal Paper: Richter, Christiaan, et al. "Review: Synthesis of Nanomaterials Using Self-Assembled Nanotemplates." Journal of Nanoscience and Nanotechnology 12. 10 (2012): 7658-7676. Print. *

Steven Weinstein, Professor

Journal Paper: Barlow, N.S., S.J. Weinstein, and B.T. Helenbrook. "On The Response of Spatially Developing Flow to Oscillatory Forcing With Application to Liquid Sheets." Journal of Fluid Mechanics 699. (2012): 115-152. Print. £

Journal Paper: Shetty, S., K.J. Ruschak, and S.J. Weinstein. "Model for a Two-Cavity Coating Die with Pressure and Temperature Deformation." Polymer Engineering & Science 52. 6 (2012): 1173-1182. Print. £

Journal Paper: Barlow, N S, et al. "An Asymptotically Consistent Approximant Method with Application to Soft and Hard-Sphere Fluids." Journal of Chemical Physics 137. (2012): 204102-1 to -13. Print. £

Computer Engineering

Juan Cockburn, Associate Professor **Published Conference**

Proceedings: Macksamie, Kevin, Juan C. Cockburn, and Jeff Wagner. "LPV Tracking Control for Economic Management of Ecosystems." Proceedings of the 2012 IEEE International Conference on Control Applications. Ed. IEEE. Dubrovnik, Croatia: IEEE, 2012. Print. £

Published Conference

Proceedings: Hong, Aun Kei, Jeff Pelz, and Juan C. Cockburn. "Light-weight, Low-cost, Side Mounted Mobile Eye Tracking System." Proceedings of the 2012 Western New York Image Processing Workshop. Ed. IEEE. Rochester, NY: IEEE, 2012. Print. ~

Published Conference

Proceedings: Macksamie, Kevin, Jeff Wagner, and Juan C. Cockburn. "Robust Control Amidst Stock and Flow Benefits: The Case of Wolf-Elk-Hunting Dynamics in the US Mountain West." Proceedings of the 2012 AERE Summer Conference. Ed. Don Fullerton. Asheville, NC: n.p., 2012. Print. *

Electrical and Microelectrical Engineering

Muhieddin Amer

Published Conference

Proceedings: Amer, Muhieddin. "Optimal Configuration of Fractional Frequency Reuse System for LTE Cellular Networks." Proceedings of the IEEE 76th Vehicular Technology Conference (VTC2012-Fall), Quebec City, Canada, September 3-6, 2012. Ed. IEEE. Quebec, (Canada): IEEE, 2012. Web. *

Sohail Dianat, Professor

Journal Paper: Tsouri, Gill, et al. "Constrained-ICA Approach to Non-Obtrusive Pulse Rate Measurements." *Journal of Biomedical Optics* 17. (2012): 1-5. Print. ~

Published Conference

Proceedings: Peng, H., Raghuvver Rao, and Sohail Dianat. "Optimized Vector Bilateral Filter for Multispectral Image Denoising." *Proceedings of the 19th IEEE International Conference on Image Processing*. Ed. Gurav Sharma. Orlando, FL: IEEE, 2012. Print. ~

Published Conference

Proceedings: Peng, H., R. Rao, and Sohail Dianat. "Nonnegative Matrix Factorization with Deterministic Annealing for Unsupervised Unmixing of Hyperspectral Imagery." *Proceedings of the 19th IEEE International Conference on Image Processing*, Orlando, Florida, September 2012. Ed. Gurav Sharma. Piscataway, NJ: IEEE, Print. ~

Published Conference

Proceedings: Almradi, Ahmad and Sohail Dianat. "NDA SNR Estimation over MISO with STBC Channels for BPSK Modulated Signals using the EM Algorithm." *Proceedings of the The 2nd International Conference on Communications and Information Technology (ICCIT): Wireless Communications and Signal Processing*, Hammamet, Tunisia, June 2012. Ed. IEEE. Piscataway, NJ: IEEE, 2012. Print. ~

Published Conference

Proceedings: Almradi, Ahmad and Sohail Dianat. "Cramer-Rao Lower Bounds of NDA SNR Estimation for BPSK Modulated Signals over MISO with STBC Channels." *Proceedings of the The 2nd International Conference on Communications and Information Technology (ICCIT): Wireless Communications and Signal Processing*, Hammamet, Tunisia, June 2012. Ed. IEEE. Piscataway, NJ: IEEE, 2012. Print. ~

Shows/Exhibits/Installations:

Kval, Survi. *Image & Video Super Resolution Via Compressed Sensing*. By Sohail Dianat and L.K. Mestha. 5 Apr. 2012. CEIS University Technology Showcase, Rochester. Exhibit.

Lynn Fuller, Professor

Journal Paper: Fuller, Lynn, Ivan Puchades, and Mustafa Koz. "Mechanical Vibrations of Thermally Actuated Silicon Membranes." *Micromachines* 3, No.2. March (2012): 255-269. Web. *

Dorin Patru, Associate Professor

Published Conference

Proceedings: Mykyta, Alexander, et al. "Reconfigurable Framework for High-Bandwidth Stream-Oriented Data Processing." *Proceedings of the IEEE SoCC Conference*, Niagara Falls, NY 2012. Ed. IEEE. Niagara Falls, NY: n.p., Print. *

Published Conference

Proceedings: Welch, Eric, et al. "A Study of the Use of Simd Instructions for Two Image Processing Algorithms." Proceedings of the IEEE WNYIPW 2012, Rochester, NY 2012. Ed. IEEE. Rochester, NY: IEEE, Print. *

Eli Saber, Professor

Journal Paper: Vantaram, Sreenath Rao and Eli Saber. "A Survey of Contemporary Trends in Color Image Segmentation." Journal of Electronic Imaging 21. 4 (2012): 1-28. Print. Δ

Journal Paper: Erkilinc, M. Sezer, et al. "Text, Photo and Line Extraction in Scanned Documents." Journal of Electronic Imaging 21. 3 (2012): 1-18. Print. *

Journal Paper: Keane, Thomas, et al. "Practical Image Registration Concerns Overcome by the Weighted and Filtered Mutual Information Metric." Journal of Electronic Imaging 21. 2 (2012): 1-18. Print. *

Journal Paper: Gurram, Prudhvi, Eli Saber, and Harvey Rhody. "Semi-Automated System for Three-Dimensional Modeling of Buildings from Aerial Video." Journal of Electronic Imaging 21. 1 (2012): 1-18. Print. *

Published Conference

Proceedings: Hu, Yang, et al. "An Automatic Approach for 3D Registration of CT Scans." Proceedings of the Electronic Imaging Symposium. Ed. SPIE. San Francisco, CA: SPIE, 2012. Print. *

Published Conference

Proceedings: Pira, Sankar, Eli Saber, and David Heavner. "Measurement of Glucose by Image Processing of Thin Film Slides." Proceedings of the Electronic Imaging Symposium. Ed. SPIE. San Diego, CA: SPIE, 2012. Print. *

Published Conference

Proceedings: Syed, Abdul Haleem, Eli Saber, and David Messinger. "Encoding of Topological Information in Multi-Scale Remotely Sensed Data: Applications to Segmentation and Object-Based Image Analysis." Proceedings of the International Conference on Geographic Object-Based Image Analysis (GEOBIA). Ed. GEOBIA. Rio De Janeiro, Brazil: GEOBIA, 2012. Print. *

Published Conference

Proceedings: Vantaram, Sreenath Rao and Eli Saber. "Unsupervised Video Segmentation by Dynamic Volume Growing and Multivariate Volume Merging using Color-Texture-Gradient Features." Proceedings of the IEEE International Conference on Image Processing. Ed. IEEE. Orlando, FL: IEEE, 2012. Print. *

Published Conference

Proceedings: Mykyta, Alex, et al. "Reconfigurable Framework for High-Bandwidth Stream-Oriented Data Processing." Proceedings of the IEEE International SoC Conference (SOCC). Ed. IEEE. Buffalo, NY: IEEE, 2012. Print. *

Gill Tsouri, Assistant Professor

Journal Paper: Tsouri, Gill R, Alvaro Prieto, and Nikhil Argade. "On Increasing Network Lifetime in Body Area Networks using Global Routing with Balancing of Energy Consumption." *Sensors* 12. (2012): 13088-13108. Web. * Δ

Journal Paper: Tsouri, Gill R, et al. "Constrained-ICA Approach to Non-Obtrusive Pulse Rate Measurements." *SPIE Journal of Biomedical Optics* 17. 7 (2012): 1-4. Print. *

Journal Paper: Johnson, Ryan K, Gill R Tsouri, and Edward Walsh. "Continuous and Automated Measuring of Compliance of Hand-Hygiene Procedures Using Finite State Machines and RFID." *IEEE Instrumentation & Measurement Magazine* 15. 2 (2012): 8-13. Print. *

Published Conference

Proceedings: Tsouri, Gill R, Alvaro Prieto, and Nikhil Argade. "A Modified Dijkstra's Routing Algorithm for Increasing Network Lifetime in Wireless Body Area Networks." *Proceedings of the 7th International Conference on Body Area Networks (BODYNETS)*. Ed. ICST. Oslo, Norway: n.p., 2012. Print. *

External Scholarly Fellowships:

7/1/2012 -
2/31/2013
nBn Technologies
Amount: \$54,000
≠

External Scholarly Fellowships:

11/1/2012 -
2/31/2013
SJFC
Amount: \$3,000
£

External Scholarly Fellowships:

6/1/2012 -
8/31/2012
NOVA
Amount: \$3,000
£

Invited Presentations/Keynotes:

Tsouri, Gill R. "On Global Routing Algorithms for Body Sensor Networks." *IEEE 27th Convention of Electrical and Electronics Engineers in Israel, special session on Wireless Sensor networks*. IEEE. Eilat, Israel. 15 Nov. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Tsouri, Gill R. "Securing Compact Sensor-Nodes using Wireless Physical Layer Security." Seminar. General Motors - Advanced Technical Center. Herzlyia, Israel. 27 Jul. 2012. Lecture.

Invited Presentations/Keynotes:

Tsouri, Gill R. "The Tenure Track - Tips on Climbing the Ladder." *12th Annual New Faculty Workshop*. Rochester Institute of Technology. Rochester, NY. 27 Aug. 2012. Lecture.

Jayanti Venkataraman, Professor

Published Conference

Proceedings: Venkataraman, Jayanti, Benjamin Freer, and Kelly Beam. "Real Time Continuous Monitoring Of Blood Glucose." *Proceedings of the EuroEM, July 2-6, Toulouse France*. Ed. D. V. Giri. Toulouse, France: n.p., 2012. Web. Δ £ ~

Published Conference

Proceedings: Venkataraman, Jayanti, Daniel Pulito, and Zhaolin Lu. "Investigation of Image Formation Properties of 3-D Dielectric DNG And Wire Mesh ENZ Metamaterials At Microwave Frequencies." Proceedings of the 2012 IEEE Antennas and Propagation Society International Conference. Ed. IEEE. Chicago, IL: n.p., Web. £ ~

Industrial and Systems Engineering

Andres Carrano, Associate Professor

Journal Paper: Kataria, Hitesh, Andres Carrano, and Brian Thorn. "Modeling of Tooling-Workpiece Interactions on Random Surfaces?" Advances in Mechanical Engineering Volume 2012. Article ID 807018. (2012): Doi:10.1155/2012/807018. Web. *

Shows/Exhibits/Installations:

Reyhan, Erin. An MIP Approach to the U-Line Balancing Problem with Proportional Worker Throughput. By Andres Carrano and Moises Sudit. Jun. 2012. International Material Handling Research Colloquium, Gardanne, France. Exhibit. ~

Published Conference

Proceedings: DeVierno, Ashley, Brian K. Thorn, and Andres L. Carrano. "Combining Life Cycle Assessment and Linear Regression Analysis to Determine Significant Design Characteristics." Proceedings of the ASME International Design Engineering Conference IDETC/CIE 2012. Ed. ASME. Chicago, IL: n.p., 2012. Print. *

Published Conference

Proceedings: Jr., Marcos E. Esterman, et al. "Design for Assembly Line Performance: The Link Between DFA and Line Performance Metrics." Proceedings of the 2012 International Forum on Design for Manufacturing and Assembly. Ed. Boothroyd and Dewhurst DFMA. Providence, RI: Boothroyd and Dewhurst DFMA, 2012. Print. ~

Invited Presentations/Keynotes:

Carrano, Andres. "Sustainability Metrics: How Leading Companies are Measuring their Environmental Impact." MODEX 2012 Supply and Logistics Expo. MHI. Atlanta, GA. 7 Feb. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Carrano, Andres L. "Quick Redesign of U-Lines Under Unstable Workforce Environments." Cooper Seminar Series. Auburn University. Auburn, AL. 24 Sep. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Carrano, Andres L. "Estimation of the Cradle-To-Grave CO2 Footprint of Wood Pallets Logistics Operations." Seminar Series. Center for Logistics and Distributions (LoDi). University of Louisville. Louisville, KY. 22 Aug. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Carrano, Andres L. "Order Fulfillment Education and Efforts at U.S. Universities." Material Handling Industry of America (MHIA) Annual Meetings. Order Fulfillment Solutions (OFS) Council. San Antonio, TX. 17 Oct. 2012. Guest Lecture.

Denis Cormier, Professor

Journal Paper: Yang, Li, et al. "Modeling Of Uniaxial Compression in A 3D Periodic Re-Entrant Lattice Structure." *Journal of Materials Science*. (2012). Web. «

Journal Paper: Yang, Li, et al. "Non-Stochastic Ti-6Al-4V Foam Structures With Negative Poisson's Ratio." *Materials Science and Engineering A*. (2012): 579-585. Web. «

Journal Paper: Kumar, Vikas, Denis Cormier, and Ola Harrysson. "Electrical Conductivity of Hexagonal Periodic Lattice Structures." *Virtual & Physical Prototyping* 7. 1 (2012): 81-90. Print. «

Journal Paper: Yang, Li, et al. "Compressive Properties of Ti-6Al-4V Auxetic Mesh Structures Made by Electron Beam Melting." *Acta Materialia* 60. (2012): 3370-3379. Web. «

Journal Paper: Srisawadi, Sasi-torn, et al. "Computational Design of Electrode Networks for Preferentially Aligned Short Fiber Composite Component Fabrication via Dielectrophoresis." *International Journal of CAD/CAM* 12. 1 (2012): 00-00. Web. «

Scott Grasman, Professor

Journal Paper: Sadashivam, S and SE Grasman. "Implementation Policy Considerations for Achieving Year-Round Operability of Biodiesel Programs." *Biomass and Bioenergy* 39. 4 (2012): 439-448. Print. «

Full Length Book: Grasman, SE. *Hydrogen Energy and Vehicle Systems*. Boca Raton, FL: CRC/Taylor&Francis, 2012. Print. *

Full Length Book: Faulin, J, et al. *Decision Making in Service Industries: A Practical Approach*. Boca Raton, FL: CRC/Taylor&Francis, 2012. Print. *

Full Length Book: Juan, A A, et al. *Collaborative and Distributed E-Research: Innovations in Technologies, Strategies, and Applications*. Hershey, PA: IGI Global, 2012. Print. *

Book Chapter: Koylu, UO, SF Rodgers, and SE Grasman. "PEM Fuel Cell Basics and Computational Modeling." *Hydrogen Energy and Vehicle Systems*. Ed. SE Grasman. Boca Raton, FL: CRC/Taylor&Francis, 2012. 45-78. Print. *

Published Conference

Proceedings: Caceres-Cruz, J, et al. "Combining Monte Carlo Simulation with Heuristics for Solving the Inventory Routing Problem with Stochastic Demands." *Proceedings of the Winter Simulation Conference*, Berlin, Germany, December 2012. Ed. C Laroque, et al. Berlin, Germany: WSC, Print. *

Published Conference

Proceedings: Deng, J, Z Liu, and SE Grasman. "Optimal Abandonment Decision for an Energy Portfolio Under Uncertainty of Electricity Prices." *Proceedings of the Industrial and Systems Engineering Research Conference*, Orlando, May 2012. Ed. G Lim and JW Herrmann. Orlando, FL: IIE, Print. *

Published Conference

Proceedings: Thomas, M, et al. "Analysis of Energy Consumption at Scalable Contingency Basing." Proceedings of the Industrial and Systems Engineering Research Conference, Orlando, May 2012. Ed. G Lim and JW Herrmann. Orlando, FL: IIE, Print. *

Published Conference

Proceedings: Long, S, et al. "Using Retrospective Assessment to Measure Levels of Student and Faculty Engagement in the Development of Sustainability Supply Chain and Facility Logistics Curriculum." Proceedings of the ASEE Annual Conference and Exposition, San Antonio, 2011. Ed. N Lewis. San Antonio, TX: ASEE, Print. *

Published Conference

Proceedings: Gosavi, A, et al. "Impact of Using PEM Forklifts on Manufacturing Layouts." Proceedings of the ASME/ISCE International Symposium on Flexible Automation, St. Louis, June 2012. Ed. M Leu. St. Louis, MO: ASME, Print. *

Journal Paper: Qin, R, et al. "A Framework of Cost-Effectiveness Analysis for Alternative Energy Strategies." Engineering Management Journal - Special Issue on Green Economics 24. 4 (2012): 18-35. Print. «

Michael Kuhl, Professor

Published Conference

Proceedings: Kuhl, M. E. "A Simulation Study of Patient Flow for Day of Surgery Admission." Proceedings of the 2012 Winter Simulation Conference. Ed. C Laroque. Piscataway, NJ: Institute of Industrial Engineers, Inc, 2012. Print. *

Matthew Marshall, Associate Professor

Journal Paper: Fischer, S.L., M.M. Marshall, and K. Woodcock. "Musculoskeletal Disorders in Sign Language Interpreters: A Systematic Review and Conceptual Model of Musculoskeletal Disorder Development." Work-a Journal of Prevention Assessment & Rehabilitation 42. 2 (2012): 173-184. Print. *

Published Conference

Proceedings: Grieshaber, C.G., M.M. Marshall, and T.J. Fuller. "Symptoms of Musculoskeletal Disorders among Tattoo Artists." Proceedings of the Human Factors and Ergonomics Society Annual Meeting. Ed. Human Factors and Ergonomics Society. Boston, MA: n.p., 2012. Print. *

Ruben Proano, Assistant Professor

Journal Paper: Dhamodharan, A and Ruben A Proano. "Determining the Optimal Vaccine Vial Size in Developing Countries: A Monte Carlo Simulation Approach." Healthcare Management Science 15. (2012): 188-196. Print. *

Published Conference

Proceedings: Lehrman, M T, C O Alm, and R A Proano. "Detecting Distressed and Non-distressed Affect States in Short Forum Text." Proceedings of the 2012 Workshop on Language in Social Media (LSM 2012). Ed. Meena Nagarajan. Montreal, Canada: n.p., 2012. Print. *

Published Conference

Proceedings: Cignarale, C and R.A Proano. "Optimizing Patient-to-bed Assignments Under Isolation Requirements." Proceedings of the 2012 Industrial and Systems Engineering Research Conference. Ed. Bill Gibbs. Orlando, FL: ISERC, 2012. Print. *

Published Conference

Proceedings: Esterman, M, et al. "Design for Assembly Line Performance: The Link Between DFA and Line Performance Metrics." Proceedings of the 2012 International Forum on Design for Manufacture and Assembly. Ed. Unknown Ed. Providence, R.I.: n.p., 2012. Web.

Invited Presentations/Keynotes:

Proano, R.A. "Uso De Optimización Para Facilitar La Hospitalización De Pacientes Bajo Restricciones De Aislamiento." Universidad San Francisco de Quito. Universidad San Francisco de Quito. Quito, Ecuador. 17 Aug. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Proano, R. A. "Vaccines: Challenges and Opportunities for Operations Research." Research Symposium on Health and Medical Systems. University at Buffalo. Buffalo, NY. 15 Mar. 2012. Lecture.

Invited Presentations/Keynotes:

Proano, R. A. "Using Mathematical Modeling to Make Combination Vaccines More Affordable and Profitable." Phacilitate Vaccine Forum 2012. Phacilitate. Washington, D.C. 15 Jan. 2012. Lecture.

Mechanical Engineering

Margaret Bailey, Professor

Published Conference

Proceedings: Reisberg, Rachele, et al. "The Effect of Cooperative Education on the Self-Efficacy of Students in Undergraduate Engineering." Proceedings of the 2012 ASEE Annual Conference and Exposition. Ed. American Society of Engineering Education. San Antonio, TX: n.p., 2012. Print. «

Published Conference

Proceedings: Marchetti, Carol, et al. "Perceived Levels of Faculty Value, Influence, and Satisfaction by Gender, Rank, Ethnicity, College, and Department at a Large Private University." Proceedings of the 2012 ASEE Annual Conference and Exposition. Ed. American Society of Engineering Education. San Antonio, TX: n.p., 2012. Print. «

Published Conference

Proceedings: DeBartolo, Elizabeth, Margaret Bailey, and Risa Robinson. "A Workshop to Improve Communication Skills for Teaching Assistants." Proceedings of the 2012 ASEE Annual Conference and Exposition. Ed. American Society of Engineering Education. San Antonio, TX: n.p., 2012. Print. «

Judged National/International Competition Award Winner:

Raelin, Joe, et al. Cooperative Education and Internship Association (CEIA). Tyler Award. Chicago, IL, 2012. « £

Judged National/International Competition Award Winner: Resi-berg, Rachele, et al. American Society of Engineering Education. 2012 Best Overall Conference Paper Award. Atlanta, GA, 2012. « £

Invited Presentations/Keynotes: Bailey, Margaret and Louise Caresse. "The Effect of Work Experience on Self-Efficacy in Undergraduate Engineering Programs." Conference for Industry and Education Collaboration 2012. American Society of Engineering Education. Orlando, FL. 3 Feb. 2012. Conference Presentation.

Stephen Boedo, Associate Professor
Published Conference

Proceedings: S.Boedo. "A Hybrid Mobility Solution Method for Dynamically Loaded Misaligned Journal Bearings." Proceedings of the ASME/STLE 2012 International Joint Tribology Conference, Denver, CO, October 8-10, 2012, Paper IJTC2012-61225. Ed. ASME. New York, NY: n.p., 2012. Print. £

Invited Presentations/Keynotes: Boedo, S. and J.F. Booker. "A Novel Approach to Artificial Hip Joint Design." ASME/STLE 2012 International Joint Tribology Conference, Paper IJTC2012-61236. ASME. Denver, CO. 8 Oct. 2012. Conference Presentation. £

Invited Presentations/Keynotes: Kasemer, M., E.A. DeBartolo, and S. Boedo. "Laboratory Activities to Illustrate the Importance of Low Cycle Fatigue and Linear Elastic Fracture Mechanics." 2012 RIT Undergraduate Research Symposium. RIT. Rochester, NY. 10 Aug. 2012. Conference Presentation. †

Invited Presentations/Keynotes: Boedo, S. and J.F. Booker. "An Elastic Squeeze Film Total Hip Replacement." Cornell Technology Venture Forum. Cornell University. Ithaca, NY. 25 Oct. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes: Boedo, S. "Principles of Lubrication." Technical Review Meeting. Achates Power Inc. San Diego, CA. 14 Jun. 2012. Guest Lecture. Δ

Invited Presentations/Keynotes: Boedo, S. and J.F. Booker. "An Elastic Squeeze Film Total Hip Replacement." Celebration of Research: Effective Access Technology Program. RIT. Rochester, NY. 16 Nov. 2012. Conference Presentation. Δ

Steven Day, Associate Professor

Journal Paper: Stewart, Sandy F C, et al. "Assessment of CFD Performance in Simulations of an Idealized Medical Device: Results of FDA's First Computational Interlaboratory Study." Cardiovascular Engineering and Technology 3. 2 (2012): 139-160. Print. *

Journal Paper: Tchantchaleishvili, Vakhtang, et al. "An Ideal Power Source for Intracorporeal Ventricular Assist Devices." ASAIO Journal 58. 6 (2012): 550-553. Print. *

Elizabeth DeBartolo, Associate Professor

Published Conference

Proceedings: Sullivan, Christopher, Elizabeth DeBartolo, and Kathleen Lamkin-Kennard. "Terrain Characterization Using Modified RANSAC Analysis of Human Gait Data." Proceedings of the ASME Summer Bioengineering Conference. June 2012. Fajardo, Puerto Rico. Ed. David Steinman. New York, NY: ASME, Print. £

Published Conference

Proceedings: DeBartolo, Elizabeth, Margaret Bailey, and Risa Robinson. "A Workshop to Improve Communication Skills for Teaching Assistants." Proceedings of the ASEE Annual Conference & Exposition. June 2012. San Antonio, TX. Ed. Na'ilah Metwalily. Washington, DC: ASEE, Web. *

Hany Ghoneim, Professor

Published Conference

Proceedings: Jhaveri, Rahul A. and Ghoneim, H. "Design and Analysis of Non-Linear Spring Based Passive Suspension Using B-Spline Collocation Method." Proceedings of the Vibration Institute 2012 Annual Conference. Ed. Ronal A Eshleman, PhD & PE. Williamsburg, VA: n.p., 2012. Print. *

Surendra Gupta, Professor

Published Conference

Proceedings: Gupta, Surendra K, et al. "Persistence, Cooperative Employment and Graduation Statistics of Transfer Scholars in Engineering & Engineering Technology Programs." Proceedings of the ASEE Annual Conference. Ed. ASEE. San Antonio, TX: American Society for Engineering Education, 2012. Web. *

Published Conference

Proceedings: Gupta, Surendra K and Steven Kosciol. "Using a Pair of iPods to Measure Angle of Twist in a Torsion Experiment." Proceedings of the ASEE Annual Conference. Ed. ASEE. San Antonio, TX: American Society for Engineering Education, 2012. Web. *

Edward C Hensel Jr., Professor

Journal Paper: Hensel, Edward C and Thomas W Brown III. "Statistical Phonon Transport Model for Multi-scale Simulation of Thermal Transport in Silicon: Part II - Model Verification and Validation." International Journal of Heat and Mass Transfer 55. 25-26 (2012): 7453-7459. Print. *

Published Conference

Proceedings: Hensel, Edward C and Thomas W Brown III. "Three-phonon Interaction Assessment in Bulk Silicon." Proceedings of the 3rd International Conference on Nanotechnology: Fundamentals and Applications, Montreal, Quebec, Canada, 7-9 August 2012. Ed. Esam H. Abdul Hafidh. Montreal, Quebec: n.p., Print. *

Satish Kandlikar, Professor

Journal Paper: Kandlikar, S.G. and D. Cooke. "Effect of Open Microchannel Geometry on Pool Boiling Enhancement." International Journal of Heat and Mass Transfer 55. 4 (2012): 1004-1013. Print. *

Journal Paper: Kandlikar, S.G. and Michael Daino. "3D Phase-Differentiated GDL Microstructure Generation with Binder and PTFE Distributions." International Journal of Hydrogen Energy 37. 6 (2012): 5180-5189. Print. *

Journal Paper: Kandlikar, S.G. and V.V. Dharaiya. "Numerical Investigation of Heat Transfer in Rectangular Microchannels Under H2 Boundary Condition During Developing and Fully Developed Laminar Flow." *Journal of Heat Transfer* 134. 2 (2012): 1-10. Print. *

Journal Paper: Kandlikar, S.G. and Preethi Gopalan. "Droplet-Sidewall Dynamic Interactions in PEMFC Gas Channels." *Journal of Electrochemical Society*. (2012): 468-475. Print. *

Journal Paper: Kandlikar, S.G., Evan See, and M Grimm. "Modeling Gas Flow in PEMFC Channels: Part I Flow Pattern Transitions and Pressure Drop in a Simulated Ex Situ Channel with Uniform Water Injection Through the GDL." *International Journal of Hydrogen Energy*. (2012): 12489-12503. Print. *

Journal Paper: Kandlikar, S.G. "Closure to Discussion of Heat Transfer Mechanisms During Flow Boiling in Microchannels." *Journal of Heat Transfer*. (2012): 015502-1. Print. *

Journal Paper: Kandlikar, S.G., M. H. Kim, and S. Peter. "Guest Editorial." *Journal of Heat Transfer*. (2012): 20301. Print. *

Journal Paper: Kandlikar, S.G. "History, Advances, and Challenges in Liquid Flow and Flow Boiling Heat Transfer in Microchannels: A Critical Review." *Journal of Heat Transfer*. (2012): 034001-1-10. Print. *

Journal Paper: Kandlikar, S.G. "A Theoretical Model for Axial Heat Conduction Effects During Single-Phase Flow in Microchannels." *Journal of Heat Transfer*. (2012): 020902-020908. Print. *

Journal Paper: Kandlikar, S.G., C. A. Rubio-Jimenez, and A. Hernandez-Guerrero. "Numerical Analysis of Novel Micro Pin Fin Heat Sink with Variable Fin Density." *IEEE Transactions on Components, Packaging and Manufacturing Technology*. (2012): 825-833. Print. *

Journal Paper: Yang, C. Y., et al. "Heat Transfer and Friction Characteristics of Air Flow in Microtubes." *Experimental Thermal and Fluid Science*. (2012): 12-18. Print. *

Journal Paper: Yao, Z., Y. W. Lu, and S. G. Kandlikar. "Fabrication of Nanowires on Orthogonal Surfaces of Microchannels and Their Effect on Pool Pooling." *Journal of Micromechanics and Microengineering*. (2012): 115005-115014. Print. *

Journal Paper: Wagner, R.N. and S. G. Kandlikar. "Effects of Structured Roughness on Fluid Flow at the Microscale Level." *Heat Transfer Engineering*. (2012): 483-493. Print. *

Journal Paper: Zhang, G. and S. G. Kandlikar. "A Critical Review of Cooling Techniques in Proton Exchange Membrane Fuel Cell Stacks." *International Journal of Hydrogen Energy*. (2012): 2412-2429. Print. *

Journal Paper: Kandlikar, S.G. and T.Y. Lin. "An Experimental Investigation of Structured Roughness Effect on Heat Transfer During Single-Phase Liquid Flow at Microscale." *Journal of Heat Transfer*. (2012): 101701-1 - 101701-9. Print. *

Journal Paper: Kandlikar, S.G., Z. Yao, and Y-w Lu. "Pool Boiling Heat Transfer Enhancement through Nanostructures on Silicon Microchannels." *Journal of Nanotechnology and Medicine*. (2012): 031002-1 - 031002-8. Print. *

Journal Paper: Kandlikar, S.G., et al. "Professor Warren M. Rohsenow (1921-2011)." *International Journal of Heat and Mass Transfer*. (2012): 4938-4940. Print. *

Published Conference

Proceedings: Gopalan, P. and S. G. Kandlikar. "Effect of Channel Material on the Behavior of Water Droplet Emerging from the GDL into the PEMFC Gas Channels." *Proceedings of the ECS 222nd Meeting*. Ed. 222. Honolulu, HI: n.p., 2012. Web.

Published Conference

Proceedings: Gopalan, P. and S. G. Kandlikar. "Effect of Channel Material on the Behavior of Water Droplet Emerging from the GDL into the PEMFC Gas Channels." *Proceedings of the ECS 222nd Meeting*. Ed. Hubert Gasteiger. Honolulu, HI: n.p., 2012. Web. *

Published Conference

Proceedings: Gopalan, P. and S. G. Kandlikar. "Contact Line Characteristics of Liquid-Gas Interfaces Over Confined/Structured Surfaces." *Proceedings of the 3rd European Conference on Microfluidics*. Ed. Hubert Gasteiger. Heidelberg, Germany: n.p., 2012. Web. Δ

Published Conference

Proceedings: Kalani, A. and S. G. Kandlikar. "Pool Boiling Heat Transfer over Microchannel Surfaces With Ethanol at Atmospheric Pressure." *Proceedings of the ASME 2012 10th International Conference on Nanochannels, Microchannels, and Minichannels*. Ed. Hubert Gasteiger. Rio Grande, Puerto Rico: n.p., Web.

Published Conference

Proceedings: Koz, M. and S. G. Kandlikar. "Numerical Simulation of the Interfacial Oxygen Transport Resistance for a PEMFC Cathode Incorporating Water Droplet Coverage." *Proceedings of the ECS 222nd Meeting*. Ed. Hubert Gasteiger. Honolulu, HI: n.p., 2012. Web.

Published Conference

Proceedings: Koz, M. and S. G. Kandlikar. "A Preliminary Study for 3D Numerical Simulation of a Through-Plane Temperature Profile in a PEMFC Incorporating Coolant Channels." *Proceedings of the ASME 2012 10th International Conference on Nanochannels, Microchannels, and Minichannels*. Ed. Hubert Gasteiger. Rio Grande, Puerto Rico: n.p., 2012. Web.

Published Conference

Proceedings: Mehta, J. and S. G. Kandlikar. "Heat Transfer Enhancement During Pool Boiling Of Water Over Horizontal And Vertical Tubes With Micro Structured Surfaces." Proceedings of the ASME 2012 10th International Conference on Nanochannels, Microchannels, and Minichannels. Ed. Hubert Gasteiger. Rio Grande, Puerto Rico: n.p., 2012. Web.

Published Conference

Proceedings: Rubio-Jimenez, C.A. "Thermal Management in 3D IC Stacks formed by Multicore Processors." Proceedings of the Design Automation Conference'12. Ed. Hubert Gasteiger. San Francisco, CA: n.p., 2012. Web.

Published Conference

Proceedings: See, E.J. and S. G. Kandlikar. "A Two-Phase Pressure Drop Model Incorporating Local Water Balance in PEM Fuel Cell Gas Channels." Proceedings of the ECS 222nd Meeting. Ed. Hubert Gasteiger. Honolulu, HI: n.p., 2012. Web. *

Published Conference

Proceedings: Yao, Z., Lu, Y. W, and S. G. Kandlikar. "Micro/Nano Hierarchical Structure in Microchannel Heat Sink for Boiling Enhancement." Proceedings of the 25th International Conference on Micro Electro Mechanical Systems. Ed. Hubert Gasteiger. Paris, France: n.p., 2012. Web. *

Jason Kolodziej, Assistant Professor**Published Conference**

Proceedings: Kolodziej, Jason. "Adaptive Rear-Wheel Steering Control of a Four-Wheel Vehicle Over Uncertain Terrain." Proceedings of the ASME Dynamic Systems & Control Conference, Oct 17th-19th, 2012. Ed. ASME. Ft. Lauderdale, FL: n.p., Print. *

Published Conference

Proceedings: Chirico, Anthony J. and Jason R. Kolodziej. "A Data Driven Frequency Based Feature Extraction and Classification Method for EMA Fault Detection and Isolation." Proceedings of the ASME Dynamic Systems & Control Conference, Oct 17th-19th, 2012. Ed. ASME. Ft. Lauderdale, FL: n.p., Print. *

Published Conference

Proceedings: Chirico, Anthony J. and Jason R. Kolodziej. "Electro-Mechanical Actuator Condition Monitoring Via a Data Driven Methodology." Proceedings of the SAE Power Systems Conference, Oct. 30th-Nov 1st, 2012. Ed. SAE. Phoenix, AZ: n.p., Print. *

Michael chrlau, Assistant Professor

Book Chapter: Schrlau, Michael and Masoud Golshadi. "Carbon Nanostructures in Biomedical Applications." Carbon Nanomaterials. Ed. Rüdiger Klingeler and Robert B. Sim. Heidelberg, Germany: Elsevier, 2012. Print. Δ

Published Conference

Proceedings: Golshadi, Masoud and Michael Schrlau. "Template-Based Synthesis of Aligned Carbon Nanotube Arrays for Microfluidic and Nanofluidic Applications." Proceedings of the 222th Electrochemical Society Fall 2012 Meeting (PRIME). Ed. ECS. Honolulu, HI: n.p., 2012. Print. * £

Published Conference

Proceedings: Hensel, Nicholas and Michael Schrlau. "Computer Controlled Actuation of Micro-Manipulator via Serial Port with MATLAB GUI." Proceedings of the 34th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'12). San Diego, CA: n.p., 2012. Print. £

P Venkataraman, Associate Professor

Published Conference

Proceedings: Venkataraman, P. "A Robust Technique for Lumped Parameter Inverse Boundary Value Problems." Proceedings of the ASME 2012 International Design Engineering Technical Conferences and 32nd Computers and Information in Engineering Conference, August 12-15, 2012, Chicago, IL. Ed. ASME. New York, NY: ASME, Print. «

Published Conference

Proceedings: Venkataraman, P. "Postponing Representation Errors Through a Mix of Symbolic and Numerical Computation in Data Fitting." Proceedings of the ASME 2012 International Design Engineering Technical Conferences and 32nd Computers and Information in Engineering Conference, August 12-15, 2012, Chicago, IL. Ed. ASME. New York, NY: ASME, Print. «

Wayne Walter, Professor

Published Conference

Proceedings: Spath, William E. and Wayne W. Walter. "Development of a Two-Dimensional Model of the Human Arm to Investigate the Biomimetic Substitution of Human Bicep Muscle with a Dielectric Electroactive Polymer Muscle Actuator." Proceedings of the ASME 2012 International Mechanical Engineering Congress and Exposition. Ed. ASME. Houston, TX: ASME, 2012. Web. «

Published Conference

Proceedings: Walter, Wayne W. "Experience Teaching a Graduate Research Methods Course." Proceedings of the 2012 Annual ASEE Conference & Exposition. Ed. ASEE. San Antonio, TX: ASEE, 2012. Web. «



NATIONAL TECHNICAL

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FEATURED FACULTY

DEIRDRE A. SCHLEHOFER IS AN ASSISTANT PROFESSOR IN THE DEPARTMENT OF AMERICAN SIGN LANGUAGE AND INTERPRETING EDUCATION AT NTID/RIT. HER LINE OF RESEARCH IS HEALTH SCIENCE INVOLVING DEAF WOMEN WHO USE AMERICAN SIGN LANGUAGE (ASL).

In her second year at the National Technical Institute for the Deaf at Rochester Institute of Technology as an assistant professor, she has received the RIT Vice President's 2011 seed funding, for her research entitled "Perceptions of health practices in an underserved community: Deaf and hard of hearing female college students at NTID/RIT" (working with undergraduates, giving science posters at NIH-funded conferences and writing a paper in progress); the 2012 COLA-NTID Partnership award entitled, "An in-depth examination of child maltreatment in deaf and hard of hearing college students: Development of a culturally sensitive computer-based survey" with Drs. Lindsay Schenkel (PI), and Gail Rothman-Marshall (co-PI) from the Department of Psychology with herself as PI, which will lead to submission for NIH Academic Research Enhancement Award (R15); and the 2012 FEAD grant entitled, "Second Language Learners' discrimination of phonological contrasts in ASL and effects of perception" which is used to develop effective teaching strategies as well as to help students to develop robust fluency in producing and comprehending sentences in ASL. She is collaborating with Dr. Christopher Homan from the RIT Department of Computer Science and Dr. James DeCaro from Center on Access Technology, along with other colleagues, on an R21 grant due this year.

Having resided in Alaska, Scotland, England and Zimbabwe, Dr. Schlehofer has long held an interest in cultures and languages with diverse Deaf groups. Dr. Schlehofer has recently completed a year-long multidimensional mentoring project - an Upstate New York Initiative (NIH-funded) in promoting resilience among under-represented minorities and women in junior faculty positions in biomedical research related fields.

DEIRDRE A. SCHLEHOFER
ASSISTANT PROFESSOR
NATIONAL TECHNICAL INSTITUTE FOR THE DEAF





Gerald S Argetsinger, Associate Professor

Shows/Exhibits/Installations: Argetsinger, Gerald S. Silent Laughter. By Billy Van Zandt and Jane Milmore. 10 May 2012. Robert F. Panara Theatre, Rochester, NY. Performance.

Shows/Exhibits/Installations: Argetsinger, Gerald S. A Doll House. By Henrik Ibsen and Rolf Fjelde. 23 Feb. 2012. NTID Lab Theatre, Rochester. Performance.

Shows/Exhibits/Installations: Argetsinger, Gerald S. 8. By Dustin Lance Black. 20 Sep. 2012. Robert F. Panara Theatre, Rochester, NY. Performance.

Invited Presentations/Keynotes: Argetsinger, Gerald S. "GLBTQ Mormon Drama." Affirmation: Visions & Blessings. Affirmation: Gay & Lesbian Mormons. Kirtland, OH. 17 Sep. 2012. Guest Lecture. Δ

Invited Presentations/Keynotes: Argetsinger, Gerald S. "Deaf Theatre and the Development of ASL Literature." Retired Professionals Society Monthly Meeting. Retired Professionals Society. Rochester, NY. 12 Sep. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes: Argetsinger, Gerald S. "1988: Mounting the New Hill Cumorah Pageant." 75th Anniversary Conference of the Cumorah Pageant. Hill Cumorah Pageant. Palmyra, NY. 15 Jul. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes: Argetsinger, Gerald S. and Gail B. Argetsinger. "The 75th Anniversary of the Hill Cumorah Pageant." Sunstone Kirtland & Restoration Studies Symposium. Sunstone Symposium. Kirtland, OH. 10 Mar. 2012. Conference Presentation. Δ

Shows/Exhibits/Installations: Davis, Mark. Equality of Rights: The First Women's Rights Convention. By Gerald S. Argetsinger. 13 Oct. 2012. Warren County Historical Society, Warren, PA. Performance.

Shows/Exhibits/Installations: Drama, Virginia State Outdoor. Trail of the Lonesome Pine. By Gerald S. Argetsinger and Earl Hobson Smith. Jun. 2012. Tolliver Theatre, Big Stone Gap, VA. Performance.

Invited Presentations/Keynotes: Argetsinger, Gerald S. "Deaf Theater and the Development of ASL Literature." Retired Professional Society. Retired Professional Society. Rochester, NY. 12 Sep. 2012. Guest Lecture.

Invited Presentations/Keynotes: Argetsinger, Gerald S. "1988: Mounting the New Hill Cumorah Pageant." 75th Anniversary Conference of the Hill Cumorah Pageant. The Hill Cumorah Pageant. Palmyra, NY. 15 Jul. 2012. Conference Presentation.

Invited Presentations/Keynotes: Argetsinger, Gerald S. "The Argetsinger Years: Setting the Production in for the Long Run." 75th Anniversary Conference of the Hill Cumorah Pageant Pre-Show Presentations. The Hill Cumorah Pageant. Palmyra, NY. 17 Jul. 2012. Conference Presentation.

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

Invited Presentations/Keynotes:

Argetsinger, Gerald S. "Casting the Large Outdoor Drama." 75th Anniversary Conference of the Hill Cumorah Pagent Audience Pre-Show Presentation. The Hill Cumorah Pagent. Palmyra, NY. 18 Jul. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Argetsinger, Gerald S. and Gail B. Argetsinger. "The 75th Anniversary of the Hill Cumorah Pagent." Sunstone Kirtland & Restoration Studies Symposium. Sunstone Kirtland & Restoration Studies. Kirtland, OH. 10 Mar. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Argetsinger, Gerald S., Erin Auble, and Marla Schweppe. "Cyber Costumes: Incorporating Electronics Into Your Designs." U.S. Institute for Theatre Technology Conference. U.S. Institute for Theatre Technology. Long Beach, CA. 30 Mar. 2012. Conference Presentation.

Erin Auble, Lecturer**Invited Presentations/Keynotes:**

Auble, Erin, Gerald Argetsinger, and Marla Schweppe. "Cyber Costumes: Incorporating Electronics Into Your Designs." U.S. Institute for Theatre Technology Conference. U.S. Institute for Theatre Technology. Long Beach, CA. 30 Mar. 2012. Conference Presentation.

Joseph Bochner, Professor**Invited Presentations/Keynotes:**

Doherty, K., et al. "An Adaptive Test for the Clinical Measurement of Speech Recognition." Audiology NOW! 2012 American Academy of Audiology Annual Convention. American Academy of Audiology. Boston, MA. 30 Mar. 2012. Conference Presentation.

Patricia A Durr, Associate Professor**Invited Presentations/Keynotes:**

Durr, Patti. "Stand and Be Counted." Deaf Studies Today: Beyond Talk. Utah Valley University. Orem, UT. 12 Apr. 2012. Keynote Speech. Δ

Full Length Book: Christie, Karen and Patti Durr. DVD Book - HeART of Deaf Culture: Literary & Artistic Expressions of Deafhood. 1st ed. Rochester, NY: RIT, 2012. Print.

Invited Presentations/Keynotes:

Durr, Patti. "Deaf Cinema Night - Classics & Contemporary Films." NYDT 2012 Showcase Series. New York Deaf Theatre (NYDT). New York, NY. 18 May 2012. Guest Lecture.

Shows/Exhibits/Installations:

Durr, Patti. Worry: A Jewish Deaf-Blind Survivor Shares Her Story. 26 Feb. 2012. The Second Hong Kong International Deaf Film Festival City University of Hong Kong, School of Creative Media, City University of Hong Kong, Department of Applied Social Studies, Hong Kong. Exhibit.

Shows/Exhibits/Installations:

Durr, Patti. EXODUS and WORRY - 2 Short Documentary Films on Deaf Survivors. 1 Apr. 2012. Seattle Deaf Film Festival, Seattle. Exhibit.

Shows/Exhibits/Installations:

Durr, Patti. Worry: A Jewish Deaf-Blind Survivor Shares Her Story. 13 Oct. 2012. Irish Deaf Film Festival, Dublin. Exhibit.

Shows/Exhibits/Installations:

Durr, Patti. EXODUS: Deaf Jewish Family Escapes the Holocaust. 14 Oct. 2012. Irish Deaf Film Festival, Dublin. Exhibit.

Luane Haggerty, Senior Lecturer**Invited Presentations/Keynotes:**

Haggerty, Luane and Peter Haggerty. "VICE (Visually Integrated Concepts in English)." CAIS Conference. CAIS. Dallas, TX. 31 Jan. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Haggerty, Luane. "Off the Page and Into Our Hands." Ithaca College Educational Technology Day: Teaching and Learning with Technology Symposium. Ithaca College. Ithaca, NY. 31 Jan. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Haggerty, Luane. "Faculty Research Needs." NTID National Advisory Group Meeting. NTID Faculty Leadership Program. Rochester, NY. 31 Jan. 2012. Conference Presentation.

Department of American Sign Language and Interpreting Services (ASLIE)**Peter Hauser, Associate Professor**

Journal Paper: Hauser, Peter C., Jennifer Lukowski, and Vincent Samar. "Reliability and Validity of the BRIEF-A for Assessing Deaf College Students' Executive Function." *Journal of Psychoeducational Assessment*. (2012): Web. «

Full Length Book: Hauser, Peter and Marc Marschark. *How Deaf Children Learn*. New York, NY: Oxford University Press, 2012. Print. ~

Invited Presentations/Keynotes:

Hauser, Peter C. and Kim Brown Kurz. "Depiction Comprehension Text." Workshop on Sign Language Assessment. Gallaudet University. Washington, DC. 31 Jan. 2012. Guest Lecture.

Book Chapter: Hauser, Peter C., et al. "Issues and Trends in Sign Language Assessment." *Assessing Literacy in Deaf Individuals: Neurocognitive Measurement and Predictors*. Ed. Donna A. Morere and Thomas E. Allen. New York, NY: Springer, 2012. 191-207. Print. ~

Full Length Book: Hauser, Peter C. and Marc Marschark. *How Deaf Children Learn*. 1st ed. New York, NY: Oxford University Press, 2012. Print. ~

Journal Paper: Miller, Paul, et al. "Factors Distinguishing Skilled and Less Skilled Readers: Evidence from Four Orthographies." *Journal of Deaf Studies and Deaf Education* 17. (2012): 439-462. Print. *

Journal Paper: Kargin, Tevhide, et al. "Differences in Word Processing Skills of Deaf and Hearing Individuals Reading in Different Orthographies." *Journal of Developmental and Physical Disabilities* 24. (2012): 65-83. Print. *

Book Chapter: McKee, Michael and Peter C Hauser. "Deaf Epistemologies: The Juggling of Two Worlds." *Deaf Epistemologies*. Ed. Peter Paul and Donald Moores. Washington, DC: Gallaudet University Press, 2012. 45-61. Print. Δ £

Invited Presentations/Keynotes: Hauser, Peter C. "Cultural Capital and Community Cultural Wealth: Lessons from the Deaf Community." Symposium on Children with Possibilities: New Conditions for Learning and Growing In a Complex and Changing World. Örebro University. Örebro, Sweden. 6 Nov. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes: Quinto-Pozos, David, Jenny Singleton, and Peter C. Hauser. "A Case of Specific Language Impairment in a Native Deaf Signer of American Sign Language (ASL)." Symposium on Research in Child Language Disorders. University of Wisconsin. Madison, WI. 21 Jun. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Quinto-Pozos, David, et al. "A Developmental Sign Language Disorder: The Role of Visual-Spatial Cognition." International Clinical Phonetics and Linguistics Association. Cork University. Cork, Ireland. 6 Jun. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Dye, Matthew and Peter C. Hauser. "Testing the Auditory Scaffolding Hypothesis: The Role of Early Language in Intentional Development." Cognitive Neuroscience Society. University of Chicago. Chicago, IL. 12 Apr. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Clark, M. Diane, et al. "A Systematic Developmental Skill-Oriented Investigation of Poor and Proficient Deaf Readers From Different Countries." Association for College Educators of Deaf and Hard of Hearing. ACE-DHH. Jacksonville, FL. 8 Feb. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Hauser, Peter C. "What Parents Need to Know About Deaf Children." Invited Presentation. The Learning Center. Framingham, MA. 15 Jul. 2012. Lecture. Δ

Invited Presentations/Keynotes: Hauser, Peter C. "American Sign Language-Sentence Reproduction Test." Workshop on Sign Language Assessment. Gallaudet University. Washington, DC. 31 Jan. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes: Hauser, Peter C. "How Deaf Children Learn." Invited Presentation. The Learning Center. Framingham, MA. 12 Mar. 2012. Lecture. Δ

Invited Presentations/Keynotes: Hauser, Peter C. "How Deaf Children Learn." Deaf Day. Iceland Association for the Deaf. Reykjavik, Iceland. 22 Sep. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Assembly of Swedish Associations for the Deaf. Swedish Deaf Association. Örebro, Sweden. 1 Jun. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "Is the Deaf Mind Different from the Hearing Mind." 90th Anniversary of Swedish Deaf Association Conference. Swedish Deaf Association. Stockholm, Sweden. 31 May 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Department of Psychology. University of Copenhagen. Copenhagen, Denmark. 19 Nov. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "Trends in Sign Language Assessment." Department of Linguistics. Stockholm University. Stockholm, Sweden. 30 May 2012. Lecture. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Örebro Deaf Association. Örebro Deaf Association. Örebro, Sweden. 7 Nov. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Norbotten Deaf Association. Norbotten Deaf Association. Umeå, Sweden. 10 Nov. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Stockholm Deaf Association. Stockholm Deaf Association. Stockholm, Sweden. 9 Nov. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Västanvik School. Västanvik School. Lesand, Sweden. 11 Nov. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Härnösand School. Härnösand School. Härnösand, Sweden. 15 Nov. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Göteborg Deaf Association. Göteborg Deaf Association. Göteborg, Sweden. 17 Nov. 2012. Lecture. Δ

Invited Presentations/Keynotes:

Hauser, Peter C. "How Deaf Children Learn." Malmö Deaf Association. Malmö Deaf Association. Malmö, Sweden. 18 Nov. 2012. Lecture. Δ

Kim Kurz, Assistant Professor**Invited Presentations/Keynotes:**

Kurz, K. and Hauser, P. "Depiction Comprehension Text." Sign Language Assessment Conference. Gallaudet University. Washington, DC. 10 Apr. 2012. Conference Presentation.

Book Chapter: Paludenviciene, R., et al.

"Issues and Trends in Sign Language Assessment." Measuring Literacy and Its Neurocognitive Predictors Among Deaf Individuals: An Assessment Toolkit. Ed. T. Allen and D. Morere. New York, NY: Springer, 2012. 191-207. Print. Δ

Published Review: Kurz, K. "A New Frontier: Emerging Theories in American Sign Language Discourses." Rev. of Discourse in Signed Languages, by Cynthia Roy. *Journal of Deaf Education & Deaf Studies* 4 Sep. 2012: 1-534. Web.

C Monikowski, Professor

Full Length Book: Winston, E.A. and Christine Monikowski. *Evolving Paradigms in Interpreting Education: Image of Interpreting Research on Teaching Interpreting*. 1 ed. Washington, D.C.: In Press, 2013. Print. ~

Invited Presentations/Keynotes: Monikowski, Christine. "Six Mirrors of the Classroom." Association of Visual Language Interpreters of Canada. Association of Visual Language Interpreters of Canada. Calgary, Alberta, Canada. 19 Jul. 2012. Conference Presentation.

Invited Presentations/Keynotes: Monikowski, Christine. "Access Services in Postsecondary Education." Association of Visual Language Interpreters of Canada. Association of Visual Language Interpreters of Canada. Calgary, Alberta, Canada. 18 Jul. 2012. Conference Presentation.

Deirdre Schlehofer, Assistant Professor

Invited Presentations/Keynotes: Schlehofer, Deirdre. "Sociolinguistic Glimpses into Unique Deaf Communities: Past, Present, and Future." The Center for Language Studies. Brown University. Providence, Rhode Island. 27 Sep. 2012. Lecture. ≠

Invited Presentations/Keynotes: Schlehofer, Deirdre, Tristan Wright, and Alexis Chasney. "Heath Practices and Barriers in the Lives of Deaf Female College Students." 2012 Summit on the Science of Eliminating Health Disparities Conference: Building a Healthier Society: Integrating Science, Policy and Practice. National Institutes of Health. National Harbor, MD. 17 Dec. 2012. Conference Presentation. ~

Journal Paper: McKee, M., D. Schlehofer, and D. Thew. "Ethical Issues in Conducting Research with Deaf Populations (In press)." *American Journal of Public Health*. (2013). Print. «

Department of Art and Imaging Studies

Frank Argento, Associate Professor

Shows/Exhibits/Installations: Argento, Frank. *Selections of Recent Work*. 12 Mar. 2012. CIAS Dean's Gallery, Rochester Institute of Technology, Rochester, NY. Exhibit.

Paula Grcevic, Professor

Shows/Exhibits/Installations: Grcevic, Paula. *Sketchbook Online*. 1 May 2012. *The Art of Silliness Sketchbook Online* in Seattle, Washington, Seattle. Exhibit.

Shows/Exhibits/Installations: Grcevic, Paula. *Strathmore's 2012 Online Series: Watercolor Sketching*. 1 Jan. 2012. *Strathmore Online Sketchbook*, N/A. Exhibit. *

Shows/Exhibits/Installations: Grcevic, Paula. *Walnut Shells*. 1 Jun. 2012. *Rochester Contemporary Art Center*, Rochester. Exhibit.

Shows/Exhibits/Installations:

Grcevic, Paula. In a Nutshell. 1 Jan. 2012. The Sketchbook Project 2012 World Tour, Brooklyn. Exhibit. *

Michael J Voelkl, Associate Professor
Shows/Exhibits/Installations:

Voelkl, Michael. A Photographer's Path 15. 18 Mar. 2012. High Falls Gallery, Rochester. Exhibit. *

Department of Engineering Studies

Gary W Behm, Assistant Professor
Invited Presentations/Keynotes:

Behm, Gary W., et al. "Finding a Star: Strategic Approach to Working with Underprepared Deaf / Hard of Hearing Students." 2012 AHEAD Conference and pepnet 2 Training Institute. AHEAD and pepnet 2. New Orleans, LA. 11 Jul. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Behm, Gary W., Diane Heyden, and Dino Laury. "Finding a Star: Strategic Approach to Working with Underprepared Deaf / Hard of Hearing Students." 2012 STEMtech Conference. The League for Innovation in the Community College. Kansas City, MO. 28 Oct. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Savakis, Andreas, et al. "Low Vision Assistance Using Face Detection and Tracking on Android Smartphones." 55th International Midwest Symposium on Circuits and Systems. IEEE MWSCAS 2012. Boise, ID. 6 Aug. 2012. Conference Presentation. Δ

Patricia Iglesias Victoria, Assistant Professor

Book Chapter: Iglesias, Patricia and M. D. Bermudez. "Metal Matrix Composites: Forming Methods, Materials Properties, Industrial Applications and Tribological Behavior." Engineered Metal Matrix Composites: Forming Methods, Material Properties and Industrial Applications. Ed. Luca Magagnin. Milano, Italy: NOVA Science Publishers, 2012. 1-22. Print. ~

Invited Presentations/Keynotes:

Iglesias, P., et al. "Steel Machining Chips as Reinforcements to Improve Wear Resistance of Metal Alloys: Study of a Model Zn-Al Alloy System." 39th Leeds-Lyon Symposium on Tribology. Leeds Trinity University College. Leeds, U.K. 5 Sep. 2012. Conference Presentation. *

Dino J Laury (Lauria), Assistant Professor
Invited Presentations/Keynotes:

Laury, Dino. "Junior Faculty Administrator's Innovative Strategies in Handling Collegial Issues." 29th Annual Academic Chairpersons Conference. Kansas State University and The Idea Center. Orlando, FL. 10 Feb. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Laury, D. "Junior Faculty Administrator's Innovative Strategies in Handling Collegial Issues." 29th Annual Academic Chairpersons Conference. Kansas State University and The Idea Center. Orlando, FL. 10 Feb. 2012. Conference Presentation.

Journal Paper: Laury, D. "Junior Faculty Administrator's Innovative Strategies in Handling Collegial Issues." *The Department Chair: A Resource for Academic Administrators* 22. 4 (2012): 23-24. Web. «

Department of Information and Computing Studies

Karen Beiter, Assistant Professor

Published Conference Proceedings: Kushalnagar, Raja, Brian Trager, and Karen Beiter. "Assistive View Replay for Deaf Students." *Proceedings of the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) Annual Conference 2012*. Ed. Unknown. Baltimore, MD: n.p., Web. *

Invited Presentations/Keynotes: Kushalnagar, R.S., B.P. Trager, and K.J.Beiter. "Assistive View Replay for Deaf Students." *Annual Conference of Rehabilitation Engineering and Assistive Technology Society of North America (RESNA)*. RESNA. Baltimore, MD. 30 Jun. 2012. Conference Presentation.

Published Conference

Proceedings: Kushalnagar, Raja S., Brian P. Trager, and Karen P. Beiter. "Assistive View Replay for Deaf Students." *Proceedings of the RESNA Annual Conference 2012*. Arlington, VA: RESNA, 2012. Web. *

Raja Kushalnagar, Assistant Professor

Book Chapter: Rashid, Khadijat, Poorna Kushalnagar, and Raja Kushalnagar. "How Deaf Adult Signers Experience Implants: Some Preliminary Conclusions." *Cochlear Implants: Evolving Perspectives*. Ed. Raylene Paludnevicene and Irene W. Leigh. Washington, DC: Gallaudet University Press, 2012. 45-59. Web. ~

Published Conference

Proceedings: Kushalnagar, Raja S., Poorna Kushalnagar, and Jeffrey B. Pelz. "Deaf and Hearing Students? Eye Gaze Collaboration." *Proceedings of the International Conference on Computers Helping People*. Ed. Klaus Miesenberger and Arthur Karshmer. Heidelberg, Germany: Springer-Verlag Berlin, 1012. Web. *

Published Conference

Proceedings: Kushalnagar, Poorna., Benjamin P. Williams, and Raja Kushalnagar. "Community-Based Participatory Approach: Students as Partners in Educational Accessible Technology Research." *Proceedings of the 13th International Conference on Computers Helping People*. Ed. Klaus Misenberger and Arthur Karshmer. Heidelberg, Germany: Springer-Verlag Berlin, 2012. Web. *

Published Conference

Proceedings: Kushalnagar, Raja S., Brian P. Trager, and Karen P. Beiter. "Assistive View Replay for Deaf Students." *Proceedings of the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) Annual Conference 2012*. Ed. Unknown. Baltimore, MD: Unknown, 2012. Web. *

Published Conference

Proceedings: Kushalnagar, Raja S. and Joseph S. Stanislow. "Maximizing Content Learning for Deaf Students and English as a Second Language Students." Proceedings of the 43rd ACM Technical Symposium for Special Interest Group in Computer Science Education. Ed. Unknown. New York, NY: Association for Computing Machinery (ACM), 2012. Print. *

Published Conference

Proceedings: Kushalnagar, Raja S., Poorna Kushalnagar, and Gianni Manganeli. "Collaborative Gaze Cues for Deaf Students." Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW). Ed. Unknown. Seattle, WA: Association for Computing Machinery (ACM), 2012. Web. *

Published Conference

Proceedings: Cahill, LK Phadtare, RS Kushalnagar, ND. "Detecting Hand-Palm Orientation and Hand Shapes for Sign Language Gesture Recognition Using 3D Images." Proceedings of the 2012 Western New York Image Processing Workshop. Ed. Dhiraj Joshi. Rochester, NY: IEEE, 2012. Web. *

Invited Presentations/Keynotes:

Kushalnagar, Raja S. "Mobile Accessible Technology Research." 2012 Academic Careers Workshop for Underrepresented Participants. NSF, CMD-IT, CDC, CAHSI, and Access-Computing. Atlanta, GA. 15 Mar. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Kushalnagar, Raja S. "Mobile Accessible Technology." Center for Learning Technology. Ryerson University. Toronto, Ontario, Canada. 9 Apr. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Kushalnagar, Raja S. "Accessible Viewing Device: Enhancing Classroom Access." NTID Dept. of Research and Teacher Education Seminar Series. Rochester Institute of Technology/NTID. Rochester, NY. 25 Mar. 2012. Guest Lecture.

Donna Lange, Associate Professor**Invited Presentations/Keynotes:**

Lange, Donna. "Deaf and Hard-of-Hearing People: An Untapped Resource for Employment in ICT." Winter 2012 ICT Educator Conference. NSF ATE National and Mid-Pacific ICT Centers. San Francisco, CA. 5 Jan. 2012. Conference Presentation. ~

Invited Presentations/Keynotes:

Lange, Donna. "Diverse User Innovation Communities Panel." Diversity as an Innovation Resource Workshop. Center for Minorities and People with Disabilities in IT. Washington, DC. 19 Jun. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Lange, Donna, Myra Pelz, and Gary Long. "Improving the Success of Deaf Students in STEM." 2012 STEMtech Conference. Johnson County Community College. Kansas City, MO. 30 Oct. 2012. Conference Presentation. ~

Invited Presentations/Keynotes:

Lange, Donna, Myra Pelz, and Ann Hager. "Applying Universal Design Principles in a Mainstreamed Classroom." National Educators Workshop. Ivy Tech Community College. Fort Wayne, IN. 6 Nov. 2012. Conference Presentation. ~

Invited Presentations/Keynotes:

Lange, Donna and Myra Pelz. "The DeafTEC Center." Conference of Educational Administrators of Schools and Programs for the Deaf. American School for the Deaf. Hartford, CT. 30 Apr. 2012. Conference Presentation.

James Mallory, Professor

Published Conference

Proceedings: Mallory, James R. and Gary L. Long. "Teaching Technology in the Virtual World of Second Life." Proceedings of the SLOAN International Conference on Online Learning. Ed. Unknown. Orlando, FL: n.p., Web. *

Invited Presentations/Keynotes:

Mallory, J. R. "Using the Virtual World of Second Life to Teach Computer Hardware, Troubleshooting, and Physics." New York State Engineering Technology Association (NYSETA) Conference (Fall 2012). NYSETA. Rochester, NY. 25 Oct. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Mallory, J. R. and V. J. Robinson. "Using the Virtual World of Second Life to Teach Computer Hardware and Physics." Ithaca College Educational Technology Day: Teaching and Learning with Technology Symposium. Ithaca College. Ithaca, NY. 31 Jan. 2012. Conference Presentation.

Joseph Stanislow, Assistant Professor

Published Game, Application or Software: Stanislow, Joseph. Phone or Smart Device App. Apple. Notification System for iOS. 2012.

Published Conference

Proceedings: Kushalnagar, Raja S. and Joseph S. Stanislow. "Maximizing Content Learning for Deaf Students and English as a Second Language Students." Proceedings of the 43rd Association for Computing Machinery (ACM) Special Interest Group on Computer Science Education (SIGCSE) 2012. New York, NY: n.p., 2012. Web. *

Brian Trager, Assistant Professor

Invited Presentations/Keynotes:

Kushalnagar, R., B. Trager, and K. Beiter. "Assistive View Replay for Deaf Students." RESNA Annual Conference 2012. Rehabilitation Engineering and Assistive Technology Society of North America (RESNA). Baltimore, MD. 30 Jun. 2012. Conference Presentation.

Department of Liberal Studies

John Albertini, Professor

Journal Paper: Albertini, John. "Journal of a Voyage to Canton & Home to Boston by Sam Coverly, Jr., transcribed and edited by John Albertini." *The Nautilus: A Maritime Journal of Literature, History, and Culture* 3. Spring (2012): 35-90. Print. «

Published Review: Albertini, John A. "Recording the Unimaginable." Rev. of *Overcoming the Past, Determining its Consequences, and Finding Solutions for the Present*, by M. Zaurov and K. B. Gunther. *Journal of Deaf Students and Deaf Education* 31 Jan. 2012: 133-133. Print. ~

Book Chapter: Albertini, J., M. Stinson, and A. Zangana. "Composing Academic Essays Using Dictation and Technology to Improve Fluency." *Writing Development and Instruction in Children with Hearing, Speech and Oral Language Difficulties*. Ed. B. Arte, B. Dockrell, and V. Berninger. New York, NY: Oxford University Press, 2012. unknown. Print. ~

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, 2012. 351-374. Print. £

Journal Paper: Berent, Gerald P., Ronald R. Kelly, and Tanya Schueler-Choukairi. "L2 and Deaf Learners' Knowledge of Numerically Quantified English Sentences: Acquisitional Parallels at the Semantics/Discourse-Pragmatics Interface." *Studies in Second Language Acquisition* 34. (2012): 35-66. Print. *

Invited Presentations/Keynotes: Berent, Gerald P. "Code Mixing on Steroids: Multimodal Sign Language-Spoken Language Bilingual Communication." 2012 Mellon Foundation Symposium, *The Multilingual Mind: Language Development and Methodology*. Syracuse University. Syracuse, NY. 28 Oct. 2012. Keynote Speech. Δ

Jessica Cuculick, Assistant Professor

Invited Presentations/Keynotes: Cuculick, Jessica, Denise Kavin, and Susan Lane-Outlaw. "Language Use in Academic and Research Settings." Biennial Conference of the National Association of the Deaf. National Association of the Deaf (NAD). Louisville, KY. 7 Jul. 2012. Conference Presentation. Δ

Kathleen Eilers-crandall, Associate Professor

Full Length Book: Eilers-crandall, Kathleen. *Reading Study Guide for Davidson's Frederick Douglass Fights for Freedom*. 5th ed. Rochester, NY: National Technical Institute for the Deaf, 2012. Print.

Peter Haggerty, Associate Professor

Invited Presentations/Keynotes: Haggerty, Peter and Luane Haggerty. "VICE (Visually Integrated Concepts in English)." CAIS Conference. CAIS. Dallas, TX. 31 Jan. 2012. Conference Presentation.

Mindy J Hopper, Lecturer

Journal Paper: Hopper, Mindy J. and Sandra Quinones. "A Hunch Without a Sound: Co-Constructing Meanings of Nonverbal and Verbal Interactions in Video Data." *International Journal of Qualitative Methods (IJQM)* 11. 5 (2012). Web. «

Denise S Kavin, Lecturer

Invited Presentations/Keynotes:

Kavin, Denise, Jessica Cuculick, and Susan Lane-Outlaw. "Language Use in Academic and Research Settings." Biennial Conference of the National Association of the Deaf. National Association of the Deaf (NAD). Louisville, KY. 1 Jul. 2012. Conference Presentation. Δ

Patricia Kenney, Lecturer

External Scholarly Fellowships:

3/30/2011 -
6/30/2012
NTID Innovative Fund
Amount: \$31,000

Pamela Kincheloe, Associate Professor

Journal Paper: Kincheloe, Pamela. "Do Androids Dream of Electric Speech?" The Construction of Cochlear Implant Identity on American Television and the New Deaf Cyborg." *Cyborg Anthropology*. (2012). Web. ~

Invited Presentations/Keynotes:

Kincheloe, Pamela. "Emerging Literacy and Early Implant CI Recipients: Perspectives of a Mother and Deaf Educator." *Cochlear Implants: Technology and Use*. Nazareth College. Rochester, NY. 5 Jun. 2012. Guest Lecture. Δ

Gary Long, Associate Professor

Journal Paper: Long, Gary, et al. "Crossing the Communication Barrier: Facilitating Communication in Mixed Groups of Deaf and Hearing Students." *Journal of Postsecondary Education and Disability* 25. 1 (2012): 51-63. Web. «

Invited Presentations/Keynotes:

Long, Gary and Susan Foster. "Project Access and Itinerant Teaching." Workshops for DeafTEC National Participants. National Technical Institute for the Deaf (NTID). Rochester, NY. Jun. 2012. Lecture.

Invited Presentations/Keynotes:

Mallory, J.R. and G.L. Long. "Teaching Technology in the Virtual World of Second Life." SLOAN International Conference on Online Learning. SLOAN. Orlando, FL. 31 Jan. 2012. Conference Presentation. Δ

Eugene Lylak, Professor

External Scholarly Fellowships:

11/15/2011 -
11/25/2011
The Legislative Fellows Program of U.S. Department of State and the American Councils for International Education
Amount: \$5,000

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Invited Presentations/Keynotes:

Lylak, Eugene. "English Vocabulary Gains Using Web-Based Training Technology." The 10th Annual Hawaii International Conference on Education. University of Hawaii. Honolulu, HI. 5 Jan. 2012. Lecture. *

Invited Presentations/Keynotes:

Lylak, Eugene. "English Vocabulary Gains Using Web-Based Training Technology." The Hawaii International Conference on Education. California State University (East Bay), Pepperdine University, and University of Louisville. Honolulu, HA. 31 Jan. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Lylak, E., D. Martins, and S. Van Horn. "Global Context, Content, and Citizenship in the University Curriculum." RIT Faculty Institute on Teaching and Learning Annual Conference. RIT Teaching & Learning Services. Rochester, NY. 1 May 2012. Conference Presentation.

John-Allen Payne, Associate Professor

Full Length Book: Payne, John-Allen. Textbook for Intermediate Reading and Writing II. 2nd ed. Rochester, NY: NTID, 2012. Print. ~

Full Length Book: Payne, John-Allen. Grammar Textbook for Intermediate Reading and Writing II. 2nd ed. Rochester, NY: NTID, 2012. Print. ~

Full Length Book: Payne, John-Allen. Textbook for Intermediate Reading and Writing II. 2 ed. Rochester, Germany: National Technical Institute for the Deaf, 2012. Print. ~

Full Length Book: Payne, John-Allen. Grammar Textbook for Intermediate Reading and Writing II. 2 ed. Rochester, NY: National Technical Institute for the Deaf, 2012. Print. ~

Linda Rubel, Professor**Invited Presentations/Keynotes:**

Rubel, Linda. "Self-Disclosure and Deaf Writers: A Gateway or a Gate?" Annual Conference on College Composition and Communication. (CCCC) Conference on College Composition and Communication. St. Louis, MO. 1 Mar. 2012. Conference Presentation. Δ

Vincent J Samar, Associate Professor

Journal Paper: Samar, V., et al. "Modality-Independent Survey Tool: Imagine the Potential." NTID Research Bulletin 15. 1 (2012): 1-5. Print. Δ

Journal Paper: Samar, V. J., P. C. Hauser, and J. Lukomski. "Reliability and Validity of the BRIEF-A for Assessing Deaf College Students' Executive Function." Journal of Psychoeducational Assessment. (2012): 00-00. Web. «

Invited Presentations/Keynotes:

Barnett, S., et al. "Violence and Suicide Attempts: Results of a Survey of Adults Deaf Since Birth or Early Childhood." 11th Early Hearing Detection & Intervention Annual Meeting. Early Hearing Detection & Intervention (EHDI). St. Louis, MO. 5 Mar. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Lowenstein, L., et al. "Deaf/Hard-of-Hearing and Hearing Students' Plans to Lose, Maintain, or Do Nothing About Their Weight." Convention of the American Public Health Association. APHA. San Francisco, CA. 29 Oct. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Lowenstein, L., et al. "Differences in Weight Perception Between Deaf and Hearing College Students." 33rd Annual Meeting of the Society of Behavioral Medicine. Society of Behavioral Medicine. New Orleans, LA. 13 Apr. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Parasnis, I. and V. J. Samar. "Norms Development for the First Sign Language-Based ADHD Scales for Deaf Adults." The Association for Psychological Science 24th Convention. Association for Psychological Science. Chicago, IL. 25 May 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Samar, V., R. Pollard, and A. O'Hearn. "Deaf Signers Display Slower Cognitive Decline Across the Lifespan than General Norms." 2012 Meeting of the Association for Psychological Science. Association for Psychological Science. Washington, DC. 26 May 2012. Conference Presentation.

Michael Stein, Lecturer**Invited Presentations/Keynotes:**

Stein, Michael. "How To Think Like an ADA Lawyer." N/A. Valley Center for the Deaf. Tucson, Arizona. 23 Jul. 2012. Lecture.

Invited Presentations/Keynotes:

Stein, Michael. "ADA and You!" Rochester Deaf Awareness Week. Rochester Recreation Club for the Deaf. Rochester, NY. 27 Sep. 2012. Lecture.

Journal Paper: Stein, Michael. "Be Your Own Best Advocate When Applying For Employment in the Medical Field." *Pulse*. (2012): 9. Web. Δ

Rose Marie Toscano, Professor**Invited Presentations/Keynotes:**

Toscano, Rose Marie. "Self-Disclosure and Deaf Writers: A Gateway or a Gate?" Annual Conference on College Composition and Communication. (CCCC) Conference on College Composition and Communication. St. Louis, MO. 21 Mar. 2012. Conference Presentation. Δ

Marilyn Walker, Assistant Professor**Published Review:**

Walker, Marilyn. "African Allusion in Eighteenth-Century Literature." Rev. of *The Black Aesthetic Unbound: Theorizing The Dilemma of Eighteenth-Century African American Literature*, eds. Robert Markley, Jennifer Snead, and Alaina Pincus. *The Eighteenth Century: Theory and Interpretation* 2012: 135-137. Print. ~

Invited Presentations/Keynotes:

Walker, Marilyn. "Sentimental Journey in James Baldwin's 'Sonny's Blues.'" 43rd Annual Northeast Modern Language Association. Northeast Modern Language Association. Rochester, New York. 16 Mar. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Walker, Marilyn. "Amelia Alderson Opie's Antislavery Verse for Children." William A. Kern Conference In Visual Communication. Rochester Institute of Technology. Rochester, New York. 3 May 2012. Conference Presentation. Δ

Published Review: Walker, Marilyn. "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, by Milton A. Cohen. American Studies Dec. 2012: . Print. ~

Published Review: Walker, Marilyn. "African Allusion in Eighteenth-Century." Rev. of The Black Aesthetic Unbound: Theorizing the Dilemma of Eighteenth-Century Literature, by April C.E. Langley. The Eighteenth-Century: Theory and Interpretation 31 Dec. 2012: 135-137. Print. ~

Invited Presentations/Keynotes: Walker, Marilyn. "Sentimental Journey is James Baldwin's 'Sonny's Blues'." 43rd Annual Conference of Northeast Modern Language Association. Northeast Modern Language Association. Rochester, NY. 1 Mar. 2012. Conference Presentation.

Invited Presentations/Keynotes: Walker, Marilyn. "Amelira Alderson Opie's Antislavery Verse for Children." William A. Kern Conference in Visual Communication. Rochester Institute of Technology/College of Liberal Arts. Rochester, NY. 3 May 2012. Conference Presentation.

Department of Science and Mathematics

Austin Gehret, Assistant Professor
Published Conference

Proceedings: Gehret, Austin U. and Patricia M. Hinkle. "Protein Phosphatase 1-alpha is Involved in the Regulation of the Thyrotropin-Releasing Hormone Receptor." Proceedings of the Experimental Biology 2012. Ed. Gerald Weissmann, MD. San Diego, CA: FASEB J 26:lb180, 2012. Web. *

Journal Paper: Gehret, Austin U., Sara M. Connelly, and Mark E. Dumont. "Functional and Physical Interactions Among Saccharomyces Cerevisiae Alpha-Factor Receptors." Eukaryotic Cell 11. 10 (2012): 1276-88. Web. *

Journal Paper: Hinkle, Patricia M., Austin U. Gehret, and Brian W. Jones. "Desensitization, Trafficking, and Resensitization of the Pituitary Thyrotropin-Releasing Hormone Receptor." Frontiers in Neuroscience 6. 180 (2012): 1-14. Web. ~

Keith Mousley, Associate Professor

Invited Presentations/Keynotes: Mousley, Keith. "Difficulty of Fractional Learning." Statewide Conference for the Educators (SWCED). SWCED. Houston, TX. 31 Jul. 2012. Conference Presentation. *

Todd Pagano, Associate Professor

Journal Editor: Pagano, Todd and L.K. Quinsland, ed. Journal of Science Education for Students with Disabilities. Rochester, NY: Science Education for Students with Disabilities (SESD), 2012. Web. « £

Judged National/International Competition Award Winner: Pagano, Todd. Dreyfus Foundation and American Chemical Society. National Award for Encouraging Disadvantaged Students into the Chemical Sciences. San Diego, CA, 2012.

Judged National/International Competition Award Winner: Pagano, Todd. CASE & Carnegie Foundation for the Advancement of Education. United States Professor of the Year. Washington, DC, 2012.

Journal Paper: Pagano, Todd, et al. "Multidimensional Fluorescence Studies of the Phenolic Content of Dissolved Organic Carbon in Humic Substances." *Journal of Environmental Monitoring* 14. 3 (2012): 937-943. Print. « £

Journal Paper: Pagano, Todd, Annemarie D. Ross, and George J. O'Neill. "A Program Like Any Other... Like None Other: Sustaining a Laboratory Science Technology Program for Deaf and Hard-of-Hearing Students." *Journal of Science Education for Students with Disabilities* 15. 1 (2012): 11-25. Web. « £

Invited Presentations/Keynotes: Pagano, Todd. "Current Trends in Analytical Methods for Analysis of Environmental Samples." Erie Section of the American Chemical Society Awards Presentation. American Chemical Society. Erie, PA. 21 Mar. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes: Ross, Annemarie D. and Todd Pagano. "Benefits of Academic-Industrial Partnership for Chemical Technology Programs." 244th American Chemical Society National Meeting. American Chemical Society. Philadelphia, PA. 20 Aug. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Spector, Ryan, et al. "Undergraduate Research from the Perspective of Associate Degree Level Deaf and Hard-of-Hearing Students: Analysis of Dissolved Organic Matter in Natural Waters." 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 27 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Macisco, James, et al. "Composition of Dissolved Organic Matter Entering Conesus Lake, NY." 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 25 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes: Spector, Ryan, et al. "Analytical Measurements of the Phenolic Composition of Dissolved Organic Matter in Wetlands." 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 25 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

DeSando, Samantha A., et al. "Nutritional Value of Native and Invasive Fruits for Migrating Songbirds in the Western Finger Lakes Region of New York." 5th North American International Ornithological Conference. University of British Columbia. Vancouver, BC, Canada. 16 Aug. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Smith, Susan B., Allyson C. Miller, and Todd Pagano. "Seasonal and Site Differences in Refueling Rates of Songbirds During Migration Stopover near the South Shore of Lake Ontario." 5th North American International Ornithological Conference. University of British Columbia. Vancouver, BC, Canada. 17 Aug. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Smith, Susan B., Samantha A. DeSando, and Todd Pagano. "Chemical Composition and Nutritional Quality of Native and Invasive Wild Fruits in Western New York." 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 27 Mar. 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Pagano, Todd. "Award Address (ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences sponsored by The Camille and Henry Dreyfus Foundation, Inc.). Breaking the Silence: "Silent Chemistry Revisited?" 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 27 Mar. 2012. Keynote Speech. Δ

Vicki Robinson, Associate Professor**Invited Presentations/Keynotes:**

Robinson, V. J. and J. R. Mallory. "Using the Virtual World of Second Life to Teach Computer Hardware and Physics." New York State Engineering Technology Association (NYSETA) Conference (Fall 2012). NYSETA. Rochester, NY. 25 Oct. 2012. Conference Presentation.

Annemarie Ross, Assistant Professor

Journal Paper: Pagano, Todd, et al. "Multidimensional Fluorescence Studies of the Phenolic Content of Dissolved Organic Carbon in Humic Substances." *Journal of Environmental Monitoring* 14. 3 (2012): 937-943. Print. «

Journal Paper: Pagano, Todd, Annemarie D. Ross, and George J. O'Neill. "A Program Like Any Other... Like None Other: Sustaining a Laboratory Science Technology Program for Deaf and Hard-of-Hearing Students." *Journal of Science Education for Students with Disabilities* 15. 1 (2012): 11-25. Web. « £

Invited Presentations/Keynotes:

Ross, Annemarie D. "Benefits of Academic-Industrial Partnership for Chemical Technology Programs." 244th American Chemical Society National Meeting. American Chemical Society. Philadelphia, PA. 20 Aug. 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Ross, Annemarie D. "Diversifying the Chemical Science Workforce by Training Students Who are Deaf/Hard-of-Hearing, Minority, and Female." 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 27 Mar. 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Spector, Ryan, et al. "Undergraduate Research from the Perspective of Associate Degree Level Deaf and Hard-of-Hearing Students: Analysis of Dissolved Organic Matter in Natural Waters." 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 27 Mar. 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Macisco, James, et al. "Composition of Dissolved Organic Matter Entering Conesus Lake, NY." 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 25 Mar. 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Spector, Ryan, et al. "Analytical Measurements of the Phenolic Composition of Dissolved Organic Matter in Wetlands." 243rd American Chemical Society National Meeting. American Chemical Society. San Diego, CA. 25 Mar. 2012. Conference Presentation. £

Miriam Santana Valadez, Lecturer**Invited Presentations/Keynotes:**

Santana, Miriam. "Teaching Linear and Quadratic Functions: Exploring Slope and Y-int with TI-Technology." Teachers, Teaching with Technology International Conference. Texas Instruments. Chicago, IL. 2 Mar. 2012. Lecture.

Office of Communication Assessment Services (OCAS)

Geoff Poor, Professor**Invited Presentations/Keynotes:**

Poor, Geoffrey. "ASL Role Shifting for Interpreters." Bloomsburg University. Bloomsburg, PA. 31 Jan. 2012. Guest Lecture.

Office of the President

Lisa Elliot**Invited Presentations/Keynotes:**

Elliot, Lisa B. and Donna Easton. "C-Print Captioning for Students with Hearing Loss." Clarke Mainstream Services 33rd Annual Conference on Mainstreaming Students with Hearing Loss. Clarke Mainstream Services. Springfield, MA. 26 Oct. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Elliot, Lisa B. "What Works for Students? Remote Tutoring." National Science Foundation 2012 Joint Annual Meeting. National Science Foundation. Washington, DC. 15 Jun. 2012. Conference Presentation. ≠

Invited Presentations/Keynotes:

Elliot, Lisa B. and Robert Dooling. "The Deaf and Hard of Hearing Virtual Academic Community." NTID Foundation Board. NTID. Rochester, NY. 4 May 2012. Conference Presentation.

Invited Presentations/Keynotes:

Elliot, Lisa B. "Updates on Recent Projects at the NTID Center on Access Technology: The Deaf and Hard of Hearing Virtual Academic Community." Education Support Service Personnel (ESSP) 2012 Annual Meeting. ESSP. Rochester, NY. 5 May 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Elliot, Lisa B., et al. "C-Print Tablet Research Outcomes: A Review." Education Support Service Personnel (ESSP) 2012 Annual Meeting. ESSP. Rochester, NY. 5 May 2012. Conference Presentation. *

Invited Presentations/Keynotes:

Elliot, Lisa B. "Goals and Objectives: Framing Projects to Interest the Sponsor." NTID Faculty Learning Community: Getting Started in Funded Research. NTID. Rochester, NY. 12 Mar. 2012. Guest Lecture. Δ

Invited Presentations/Keynotes:

Elliot, Lisa B. and Michael Stinson. "C-Print Captioning to Support STEM Learning Students." National Conference of National Science Teachers Association. National Science Teachers Association. Indianapolis, IN. 29 Mar. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Elliot, Lisa B. and Michael Stinson. "RDE-FRI: Analyzing the Use of C-Print Mobile Technology in STEM Lab Settings Across Multiple Postsecondary Sites." Annual Meeting of the National Science Foundation Division of Human Resource Development. NSF Division of Human Resource Development. Washington, DC. 14 Jun. 2012. Conference Presentation. Δ

Invited Presentations/Keynotes:

Stinson, M. and L. Elliot. "Diverse Postsecondary Learners' Retention of STEM Content with Tablet Computer-Based Notes." American Educational Research Association (AERA) Annual Meeting 2012. AERA. Vancouver, British Columbia, Canada. 13 Apr. 2012. Conference Presentation.

Marianne Gustafson, Professor**Invited Presentations/Keynotes:**

Gustafson, Marianne S., Karen G. Dobkowski, and Paula M. Brown. "Speech-Language Professionals-A Website for SLPs Working with Deaf Students." New York State Speech-Language-Hearing Association Convention. New York State Speech-Language-Hearing Association. Saratoga Springs, NY. 26 Apr. 2012. Conference Presentation. *

Marc Marschark, Professor

Full Length Book: Marschark, Marc and Peter C. Hauser. How Deaf Children Learn. 1 ed. New York, NY: Oxford University Press, 2012. Print. ~

Journal Paper: Marschark, Marc, et al. "Do You See What I See? School Perspectives of Deaf Children, Hearing Children, and Their Parents." *European Journal of Special Needs Education* 27. 4 (2012): 483-497. Print. «

Journal Paper: Marschark, Marc and Harry Knoors. "Educating Deaf Children: Language, Cognition, and Learning." *Deafness and Education International* 14. 3 (2012): 136-160. Print. «

Journal Paper: Knoors, Harry and Marc Marschark. "Language Planning for the 21st Century: Revisiting Bilingual Language Policy for Deaf Children." *Journal of Deaf Studies and Deaf Education* 17. 3 (2012): 291-305. Print. «

Book Chapter: Marschark, Marc and Harry Knoors. "Sprache, Kognition und Lernen: Herausforderungen der Inklusion für Gehörlose und Schwerhörige Kinder (Language, Cognition, and Learning: Challenges of Inclusion for Deaf Children)." *Inklusion, Ethik, und Horschädigung*. Ed. M. Hintermair. Heidelberg, Germany: Median-Verlag, 2012. 129-176. Print. ~

Journal Paper: Marschark, Marc, et al. "Print Exposure, Reading Habits, and Reading Achievement Among Deaf and Hearing College Students." *Deaf Studies and Deaf Education* 17. 1 (2012): 61-74. Print. «

Invited Presentations/Keynotes: Bull, R., et al. "Foundations of Mathematical Difficulties in Deaf Children: The Approximate Number System." European Association for Research on Learning and Instruction (EARLI) Special Interest Group 15 (Special Education Needs). EARLI. Utrecht, Netherlands. 28 Aug. 2012. Conference Presentation.

Invited Presentations/Keynotes: Bull, R., et al. "Unique and Shared Roles of the Approximate Number System and Working Memory in Children's Mathematics." European Association for Research on Learning and Instruction (EARLI) Special Interest Group 5 (Learning and Development in Early Childhood). EARLI. Utrecht, Netherlands. 28 Aug. 2012. Conference Presentation.

Invited Presentations/Keynotes: Bull, R., et al. "Factors Underlying Low Versus High Achievement in Deaf Children's Mathematical Ability." 11th Asia Pacific Conference on Deafness. Asia Pacific Conference on Deafness. Singapore, Singapore. 26 Jul. 2012. Conference Presentation.

Invited Presentations/Keynotes: Marschark, M. "Evidence-Based Information on Raising and Educating Deaf and Hard of Hearing Children." Invited 'Masterclass' Public Lecture. Faculty of Education, Hogeschool. Utrecht, Netherlands. 12 Oct. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Language Foundations for Learning: What We Know and What We Don't Know." Atlantic Provinces Special Education Authority Annual Meeting. Atlantic Provinces Special Education Authority. Halifax, Nova Scotia, Canada. 27 Oct. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Deaf Cognition: Deaf Children Are Not Hearing Children Who Can't Hear." Atlantic Provinces Special Education Authority Annual Meeting. Atlantic Provinces Special Education Authority. Halifax, Nova Scotia, Canada. 27 Oct. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Learning and Literacy: Why Haven't We Made More Progress?" Atlantic Provinces Special Education Authority Annual Meeting. Atlantic Provinces Special Education Authority. Halifax, Nova Scotia, Canada. 27 Oct. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Language, Learning, and Literacy: The Evidence Base in Deaf Education." Fourth Annual Deaf/Hard of Hearing Summit. The South Carolina Deaf/Hard of Hearing Education Partnership. Columbia, SC. 18 Nov. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Language, Literacy, and Mathematics Achievement Among K-12 Deaf Students." Coalition of Private Schools Serving Deaf Children. Coalition of Private Schools Service Deaf Children. Clearwater, FL. 6 Feb. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "School Perspectives of Deaf Children, Hearing Children, and Their Parents." Reflecting on Deaf Education Conference. University of Edinburgh. Edinburgh, Scotland, U.K. 12 Mar. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Marschark, M. "Language and Learning: What We Know and What We Don't Know." Pennsylvania Deaf Education Conference for Parents and Professionals. unknown. Harrisburg, PA. 5 Mar. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Marschark, M. "How Deaf Children Learn: Assumptions, Myths, and Misunderstandings." Reflecting on Deaf Education Conference. University of Edinburgh. Edinburgh, Scotland, U.K. 12 Mar. 2012. Keynote Speech.

Invited Presentations/Keynotes:

Marschark, M. "The Evidence Base in Deaf Education: Putting Children First." Invited Presentation for School of Nursing, Midwifery, and Social Work. University of Manchester. Manchester, Lancashire, U.K. 12 Mar. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Perspectives on Language and Learning: What We Know and What We Don't Know." Ohio School for the Deaf Outreach Program. Ohio School for the Deaf. Columbus, OH. 30 Mar. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Language and Learning: What We Know and What We Don't Know." Scranton School for the Deaf and Hard of Hearing Children. Scranton School for the Deaf. Scranton, PA. 3 Apr. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Educating Deaf Students in a Changing World: Has Elvis Already Left the Building?" Educational Support Service Personnel (ESSP) 2012 Conference. ESSP. Rochester, NY. 4 May 2012. Conference Presentation.

Invited Presentations/Keynotes:

Marschark, M. "Myths and Misunderstandings in Deaf Education: On Language, Cognition, and Learning." Novartis Lecture Series. Universidade Catolica Portuguesa (Catholic University of Portugal). Lisbon, Portugal. 18 May 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "What Is So Special About Theory of Mind?" Invited Workshop Presentation for the Department of Psychology. Indiana University. Bloomington, IN. 14 Jun. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Marschark, M. "Factors Underlying Low Versus High Achievement in Deaf Children's Mathematical Ability." 11th Asia Pacific Conference on Deafness. Asia Pacific Conference on Deafness. Singapore, Singapore. 28 Jul. 2012. Conference Presentation.

Patricia M Sapere**Invited Presentations/Keynotes:**

Bull, R., et al. "Foundations of Mathematical Difficulties in Deaf Children: The Approximate Number System." European Association for Research on Learning and Instruction (EARLI) Special Interest Group 15 (Special Education Needs). EARLI. Utrecht, Netherlands. 11 Aug. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Bull, R., et al. "Unique and Shared Roles of the Approximate Number System and Working Memory in Children's Mathematics." European Association for Research on Learning and Instruction (EARLI) Special Interest Group 5 (Learning and Development in Early Childhood). EARLI. Utrecht, Netherlands. 28 Aug. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Bull, R., et al. "Factors Underlying Low Versus High Achievement in Deaf Children's Mathematical Ability." 11th Asia Pacific Conference on Deafness. Asia Pacific Conference on Deafness. Singapore, Singapore. 26 Jul. 2012. Conference Presentation.

Journal Paper: Marschark, M., et al.

"Do You See What I See? School Perspectives of Deaf Children, Hearing Children, and Their Parents." *European Journal of Special Needs Education* 27. 4 (2012): 483-487. Print. «

Thomastine Sarchet

Journal Paper: Marschark, M., et al. "Print Exposure, Reading Habits, and Reading Achievement Among Deaf and Hearing College Students." *Journal of Deaf Studies and Deaf Education* 17. 1 (2012): 61-74. Print. «

Research and Teacher Education

John Albertini, Professor

Journal Editor: Albertini, J. and G.P. Berent, ed. *National Technical Institute for the Deaf Research Bulletin*. Rochester: Rochester Institute of Technology/NTID, 2012. Web. «

Gerald Berent, Professor

Invited Presentations/Keynotes: Parasnis, Ila, Vincent J. Samar, and Gerald P. Berent. "The Attention Deficit Scales for Adults-Sign Language Version: An Interactive Program to Screen Deaf and Hard of Hearing Adults for ADHD." *New York State Engineering Technology Association*. Rochester Institute of Technology. Rochester, NY. 25 Oct. 2012. Conference Presentation. £

Journal Editor: Berent, G.P. and J. Albertini, ed. *National Technical Institute for the Deaf Research Bulletin*. Rochester: Rochester Institute of Technology/NTID, 2012. Web. «

Lisa Elliot

Published Conference

Proceedings: Elliot, Lisa, et al. "C-Print Tablet Research Outcomes: An Overview." *Proceedings of the Educational Support Service Personnel Conference*. Ed. unknown. Rochester, NY: Educational Support Service Personnel, Print. *

Susan Foster, Professor

Journal Paper: Foster, Susan, et al. "Crossing the Communication Barrier: Facilitating Communication in Mixed Groups of Deaf and Hearing Students." *Journal of Postsecondary Education and Disability* 25. 1 (2012): 51-63. Web. «

Invited Presentations/Keynotes:

Foster, Susan, Susan Lane-Outlaw, and Sarah Schley. "Changing Educational Landscapes: Emerging Educational Models in Deaf Education and Preparing Future Teachers of the Deaf." *Association of College Educators-Deaf & Hard of Hearing (ACE-DHH)*. ACE-DHH. Jacksonville, FL. 0 Jan. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Foster, Susan, Susan Lane-Outlaw, and Sarah Schley. "The Center School Model." *Association of College Educators-Deaf & Hard of Hearing (ACE-DHH)*. ACE-DHH. Jacksonville, FL. Feb. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Foster, Susan and Gary Long. "Project Access and Itinerant Teaching." *Workshops for DeafTEC National Participants*. National Technical Institute for the Deaf (NTID). Rochester, NY. 0 May 2012. Lecture.

Invited Presentations/Keynotes:

Stinson, M. and S. Foster. "Best Practices for Promoting Interaction Among Students with Diverse Characteristics." *Annual RIT Faculty Institute on Teaching and Learning*. Rochester Institute of Technology. Rochester, NY. 30 May 2012. Conference Presentation.

Ronald Kelly, Professor

Journal Paper: Kelly, Ronald R. and Gerald P. Berent. "L2 and Deaf Learners' Knowledge of Numerically Quantified English Sentences: Acquisitional Parallels at the Semantics/Discourse-Pragmatics Interface." *Studies in Second Language Acquisition* 34. 1 (2012): 35-66. Web. «

Journal Paper: Berent, Gerald P., Ronald R. Kelly, and Tanya Schueler-Choukairi. "L2 and Deaf Learners' Knowledge of Numerically Quantified English Sentences: Acquisitional Parallels at the Semantics/Discourse-Pragmatics Interface." *Studies in Second Language Acquisition* 34. 1 (2012): 35-66. Web. «

Christopher Kurz, Associate Professor

Invited Presentations/Keynotes: Kurz, Christopher. "Building Bridges: Concrete-Representational-Abstract Strategies." Invited Lecture. Scranton School for the Deaf. Pittsburgh, PA. Apr. 2012. Guest Lecture.

Invited Presentations/Keynotes: Kurz, Christopher. "Family Math." Scranton School for the Deaf. Pittsburgh, PA. Apr. 2012. Guest Lecture.

Invited Presentations/Keynotes: Kurz, Christopher. "STEM in ASL Delivery." 3-Day Workshop Presentation for MDE. Massachusetts Department of Education. Worcester, MA. Jun. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Kurz, Christopher and H. Hilbok. "Laurent Clerc: A Complex and Conflicted Deaf Man in American." Deaf History International Conference. Deaf History International. Toronto, ON, Canada. 26 Jul. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Kurz, Christopher. "Semantics and Signing in Mathematical Context." Massachusetts Teachers of the Deaf and Interpreters. Massachusetts Department of Education. Framington, MA. 30 Nov. 2012. Keynote Speech.

Susan Lane-Outlaw, Assistant Professor

Invited Presentations/Keynotes:

Lane-Outlaw, Susan, Susan Foster, and Sarah Schley. "Changing Educational Landscapes: Emerging Educational Models in Deaf Education and Preparing Future Teachers of the Deaf." Association of College Educators--Deaf & Hard of Hearing (ACE-DHH). ACE-DHH. Jacksonville, FL. 0 Jan. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Lane-Outlaw, Susan, Susan Foster, and Sarah Schley. "The Center School Model." Association of College Educators-Deaf & Hard of Hearing (ACE-DHH). ACE-DHH. Jacksonville, FL. Feb. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Lane-Outlaw, Susan. "Strategies for Supporting Deaf Students' Literacy Development." Finger Lakes Community College. Canandaigua, NY. 17 Apr. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Lane-Outlaw, Susan. "Using NWEA's MAP for Assessing Students' Growth and Guiding Instruction." Staff Development Workshop. Rocky Mountain Deaf School. Denver, CO. 25 Jan. 2012. Guest Lecture.

Invited Presentations/Keynotes:

Lane-Outlaw, Susan, Denise Kavin, and Jessica Cuculick. "Language Use in Academic and Research Settings." Biennial Conference of the National Association of the Deaf. National Association of the Deaf (NAD). Louisville, KY. Jul. 2012. Conference Presentation. Δ

Ila Parasnis, Professor

Book Chapter: Parasnis, I. "Diversity and Deaf Identity: Implications for Personal Epistemologies in Deaf Education." *Deaf Epistemologies: Multiple Perspectives on the Acquisition of Knowledge*. Ed. P. Paul and D. Moores. Washington, D.C.: Gallaudet University Press, 2012. 63-80. Print. ~

Invited Presentations/Keynotes:

Parasnis, I. and V. J. Samar. "Norms Development for the First Sign Language-Based ADHD Scales for Deaf Adults." The Association for Psychological Science 24th Convention. Association for Psychological Science. Chicago, IL. 25 May 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Parasnis, I. "A Sociocultural Perspective on Deafness and Deaf Education: Implications for Teachers." National Institute for Speech and Hearing Professional Development Series. National Institute for Speech and Hearing. Trivandrum, Kerala, India. 16 Aug. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Parasnis, I. "Multidisciplinary Perspectives on Empowerment of Deaf People: Some Advantages and Challenges." *Issues Related to the Empowerment of Deaf People: An Interdisciplinary Symposium*. Ali Yavar Jung National Institute for the Hearing Handicapped. Mumbai, Maharashtra, India. 7 Aug. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Parasnis, I. "How Technology, the Internet, and the Web Can Improve Access and Transform Education for Deaf People." *Symposium on The Promise of Technology for Technical and Higher Education for Deaf People*. Ali Yavar Jung National Institute for the Hearing Handicapped. Mumbai, Maharashtra, India. 8 Aug. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Parasnis, I. "Implications of a Sociocultural Perspective on Studying Deafness and Educating Deaf People." *Ali Yavar Jung National Institute for the Hearing Handicapped Professional Development Series*. Ali Yavar Jung National Institute for the Hearing Handicapped. Mumbai, Maharashtra, India. 2 Aug. 2012. Keynote Speech. Δ

Invited Presentations/Keynotes:

Parasnis, I., V. J. Samar, and G. P. Berent. "The Attention Deficit Scales for Adults-Sign Language Version: An Interactive Program to Screen Deaf and Hard of Hearing Adults for ADHD." The New York State Engineering Technology Association Conference. The New York State Engineering Technology Association. Rochester, NY. 25 Oct. 2012. Conference Presentation. Δ £

Vincent J Samar, Associate Professor**Invited Presentations/Key-**

notes: Parasnis, I., V. Samar, and G. Berent. "The Attention Deficit Scales for Adults-Sign Language Version (ADSA-SLV): An Interactive Program to Screen Deaf and Hard of Hearing Adults for ADHD." New York State Engineering Technology Association Conference. New York State Engineering Technology Association. Rochester, NY. 25 Oct. 2012. Conference Presentation. Δ £

Invited Presentations/Keynotes:

Samar, V., S. Barnett, and P. Somani. "Modality Independent Survey Tool (MIST): Interactive Survey Presentation Software for Diverse Language Communities." New York State Engineering Technology Association Conference. New York State Engineering Technology Association. Rochester, NY. 25 Oct. 2012. Conference Presentation. Δ £

Sara Schley, Associate Professor**Invited Presentations/Key-**

notes: Schley, Sara, Susan Foster, and Susan Lane-Outlaw. "Changing Educational Landscapes: Emerging Educational Models in Deaf Education and Preparing Future Teachers of the Deaf." Association of College Educators--Deaf & Hard of Hearing (ACE-DHH). ACE-DHH. Jacksonville, FL. 18 Feb. 2012. Conference Presentation.

Journal Paper: Schley, Sara and Michael Stinson. "Meeting Classroom Needs of Diverse Learners: Collaborative Online Writing." National Technical Institute for the Deaf Research Bulletin 15. 1 (2012): 9-10. Web. «

Michael Stinson, Professor

Journal Paper: Stinson, Michael, et al. "Crossing the Communication Barrier: Facilitating Communication in Mixed Groups of Deaf and Hearing Students." Journal of Postsecondary Education and Disability 25. 1 (2012): 51-63. Web. «

Invited Presentations/Keynotes:

Stinson, Michael, et al. "C-Print Tablet Research Outcomes: An Overview." Education Support Service Personnel (ESSP) Annual Meeting. ESSP. Rochester, NY. 5 May 2012. Conference Presentation.

Invited Presentations/Keynotes:

Stinson, Michael and Lisa Elliot. "C-Print Captioning to Support STEM Learning Students." National Conference of National Science Teachers Association. National Science Teachers Association. Indianapolis, IN. Mar. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Stinson, Michael and Lisa Elliot.
"RDE-FRI: Analyzing the Use of C-Print Mobile Technology in STEM Lab Settings Across Multiple Postsecondary Sites." Annual Meeting of the National Science Foundation Division of Human Resource Development. NSF. Washington, DC. 0 May 2012. Conference Presentation. Δ

Journal Paper: Stinson, Michael and Sarah Schley. "Meeting Classroom Needs of Diverse Learners: Collaborative Online Writing." National Technical Institute for the Deaf Research Bulletin 15. 1 (2012): 9-10. Web. «

Invited Presentations/Keynotes:

Stinson, Michael and Lisa Elliot. "Diverse Postsecondary Learners' Retention of STEM Content with Tablet Computer-Based Notes." American Educational Research Association (AERA) Annual Meeting 2012. AERA. Vancouver, British Columbia, Canada. 13 Apr. 2012. Conference Presentation.

Invited Presentations/Keynotes:

Stinson, M. and S. Foster. "Best Practices for Promoting Interaction Among Students with Diverse Characteristics." RIT Faculty Institute on Teaching and Learning. Rochester Institute of Technology. Rochester, NY. 30 May 2012. Conference Presentation.

Invited Presentations/Keynotes:

Stinson, M. and P. Francis. "Recent Developments in C-Print." Educational Support Service Personnel (ESSP) 2012 Conference. ESSP. Rochester, NY. 1 May 2012. Conference Presentation.



OTHER

DEGREE GRANTING UNITS



FEATURED FACULTY

THOMAS MORAN'S SCHOLARSHIP EFFORTS ARE MULTIDISCIPLINARY, CONSISTENT WITH HIS POSTING AS FACULTY WITHIN THE CENTER FOR MULTIDISCIPLINARY STUDIES. HE HAS EXPLORED THE INTERSECTIONS OF ENGINEERING AND POETRY AND FICTION, THE SHORT BUT INFLUENTIAL TIMES OF A 1960'S ART GALLERY, AND THE PEDAGOGY OF TECHNICAL COMMUNICATION. IN ADDITION, HIS OWN CREATIVE WRITING CONTINUES TO APPEAR IN JOURNALS AND MAGAZINES.

His interest in creative writing arose when he was working as a research engineer at Cal Tech's Jet Propulsion Laboratory in California. He took a writing class taught by Lillian Richter, wife of Charles Richter, the physicist who developed the magnitude scale for earthquake intensity. Richter's class spurred him to continue writing short articles and stories while his engineering work in the aerospace industry had him preparing proposals, white papers, research articles, engineering specifications and procedures. Curious, he began to search out other engineers who also wrote poems, short stories and novels. Surprisingly, he discovered that some quite famous names in literature, including Mailer, Thoreau, Dostoevsky, Heinlein, and Shute, had connections to the practice of engineering.

Moran has interviewed and written about many contemporary "literary" engineers, including Science Fiction Hall of Fame honoree Gene Wolfe, McArthur Fellowship awardee George Saunders, and popular novelists Stewart O'Nan, Homer Hickam, and David Poyer. He wrote art criticism for the defunct magazine Art Voices and is currently preparing an article on the art and artists of Minneapolis' Bottega Gallery, as well as a series of articles on the filmmaker and artist Tom Sewell. His own fiction and creative non-fiction will appear in upcoming issues of literary journals such as Brevity and Cooweescoowee, as well as the anthology Rochester Rewritten.

THOMAS MORAN
PROFESSOR
CENTER FOR MULTIDISCIPLINARY STUDIES





Besim Agusaj

Journal Paper: Agusaj, Besim and Jennifer Matic. "The Alignment of Hospitality Education with Industry Needs In Transitional Countries: The Case of Croatia." *Revista de Turism* 12. (2012): 19-27. Print. *

Invited Presentations/Keynotes:

Agusaj, Besim. "Employee Engagement." DT Workshop. Dubrovnik Travel. Dubrovnik, Croatia. 16 Nov. 2012. Lecture.

Journal Paper: Agusaj, Besim. "Managers and New HR Paradigm." *Direktor*. (2012): 18-20. Print. ^

Nikolina Bozinovic

Published Conference

Proceedings: Nikolina, Bozinovic, and Sindik, Josko. "Female Students View the Knowledge of Foreign Languages as More Important for Careers in Tourism than Male Students?" *Proceedings of the 4th Encuentros: Responsible Tourism*. Ed. Weber, Irena; Godnic Vacic, Sarlota. Portoroz, Slovenia: Faculty of Tourism Studies - Turistika, University of Primorska, 2012. Web. ~

Rebecca A Charry, Lecturer

Journal Paper: Roje, Rebecca Charry. "No More Grammar Lessons: What I Learned About Language Acquisition "On My Own Skin"." *RIThink* 1. (2012): 28-33. Web. ~

Journal Paper: Roje, Rebecca Charry. "Jesenske Haiku Pjesme - Haikus for Autumn in Dalmatia." *RIThink* 1. (2012): 25-27. Web. ~

Robert A Foley

Judged National/International Competition Award Winner:

Learning, First Year Enrichment: Pathways to Service. International Association of Student Affairs Administrators in Higher Education. Bronze Excellence Award, for connecting students from multiple RIT campuses in Henrietta, Croatia and Kosovo via a virtual classroom. Phoenix, AZ, 2012.

Milena X Kuznin

Invited Presentations/Keynotes:

Kuznin, Milena. "Leadership and Small Team Development." *Professional Development*. Dubrovnik Travel Agency. Dubrovnik, CRO. 17 Nov. 2012. Lecture.

Invited Presentations/Keynotes:

Walker, Joseph K. and Milena Kuznin. "Entrepreneurship in Croatia." AUK Visit. ACMT. Dubrovnik, CRO. 7 Dec. 2012. Lecture.

Journal Paper: Kuznin, Milena and Joseph K. Walker. "How to Improve Croatian Economic Competitiveness." *Direktor*. (2012): 34-35. Print. ^

Journal Paper: Kuznin, Milena. "Lifelong Learning for Tourism in Croatia - a "Nice to Have" or "Must Have?" *RIThink* 2. (2012): 45-46. Web. *

Larisa B Loncar

Book Chapter: Loncar, Larisa Buhin. "Promoting Well-Being and Mental Health of Refugees." *The Oxford Handbook of Prevention in Counseling Psychology*. New York, NY: Oxford University Press, 2012. 409-421. 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

Stasa Puskaric

Journal Paper: Puskaric, Stasa. "Ecology of Gel-like Marine Snow Event in the Northern Adriatic Sea." *Acta Adriatica* 53. 3 (2012): 375-387. Print. *

Journal Paper: Puskaric, Stasa. "Kompostni Sustavi - Prirodno i Odrzivo Rjesenje za Zastitu dva Najvrjednija Resursa - Zemlje i Vode." *Hrvatske vode* 199. (2012): 32-36. Print. *

Journal Paper: Edvardsen, Hanne Marie and Stasa Puskaric. "Voluntary Support of Scientific Research: A Road to a More Sustainable Future." *RiThink* 1. (2012): 33-39. Web. *

Journal Paper: Mladinic, Martina and Stasa Puskaric. "Cellulosic Ethanol as our Future Fuel: Turning Waste Into Energy." *RiThink* 1. (2012): 39-43. Web. *

Journal Paper: Petersen, Christian and Stasa Puskaric. "The Theory of Needs: Revision for the 21st Century." *RiThink* 2. (2012): 2-4. Web. *

Journal Paper: Puskaric, Stasa and Damir Oros. "Effects of Various Fuel Blends on the Performance of a Two-Stroke Internal Combustion Engine." *RiThink* 2. (2012): 40-44. Web. *

Journal Paper: Puskaric, Stasa, et al. "Flexible Selection of Iron Sources by Marine Microbial Consortia Related to Temperature." *RiThink* 2. (2012): 33-39. Web. *

Journal Editor: Puskaric, Stasa, ed. *RiThink*. Dubrovnik: American College of Management and Technology, 2012. Web. *

Shawn J Sturgeon, Lecturer

Journal Paper: Shawn, Sturgeon,. "Qasida of the Slow Thigh." *RiThink* 1. (2012): 23. Web. «

Journal Paper: Shawn, Sturgeon,. "Goodbye." *RiThink* 2. (2012): 23-24. Web. «

Kevin Walker

Journal Paper: Kuznin, Milena and Joseph K. Walker. "How to Improve Croatian Economic Competitiveness." *Direktor*. (2012): 34-35. Print. ^

Invited Presentations/Keynotes: Walker, Joseph K. and Milena Kuznin. "Entrepreneurship in Croatia." AUK Visit. ACMT. Dubrovnik, Croatia. 17 Nov. 2012. Lecture.

Journal Paper: Walker, Joseph K. "The Technopreneurship Process: Academic Entrepreneur University Spin-offs." *RiThink* 2. (2012): 11-22. Web. *

Center for Multidisciplinary Studies

Thomas Moran, Professor

Book Chapter: Moran, Tom. "The End Products of Engineering Writing - Volume 3." *Writing for Success: An Engineer's Guide*. Washington, District of Columbia: IEEE-USA, 2012. 1-35. Web. *

Book Chapter: Moran, Tom. "Writing for Life - Volume 4." Writing for Success: An Engineer's Guide. Washington, District of Columbia: IEEE-USA, 2012. 1-27. Web. *

Published Conference

Proceedings: Moran, Tom. "Placards and Hazard Alerts: Adding Visual Communication to an Environmental Communication Class." Proceedings of the International Professional Communication Conference, University of Central Florida, October 8-10, 2012. Ed. Richard House. Orlando, Florida: IEEE, Web. *

Journal Paper: Moran, Tom. "Pointing Toward the Moon: An Engineer's Path." Stone Canoe No. 6. (2012): 312-316. Print. *

Invited Presentations/Keynotes:

Arent, Russell. "Student and Instructor Perceptions of Language Accessibility, Listening Practices and Class Participation in an Introductory Business Law Course." The Second International Conference on Language, Law and Interdisciplinary Practice. University of Naples 2. Santa Maria Capua Vetere, Italy. 10 May 2012. Conference Presentation. £

Invited Presentations/Keynotes:

Arent, Russell. "Linguistic Realizations of Power Imbalances in Professional Sport Contract Offers and Responses." The 2012 Interdisciplinary Linguistics Conference, Queen's University. Belfast, Northern Ireland. 10 Nov. 2012. Conference Presentation. £

RIT Dubai

Russell E Arent

Invited Presentations/Keynotes:

Arent, Russell. "Uncovering Discourse Gems through Pragmatics and Genre Analysis." The First International Conference on English Language and Literary Studies. Hans Raj Mahila Maha Vidyalaya. Jalandhar, India. 9 Mar. 2012. Conference Presentation. Δ

Published Conference Proceedings:

Arent, Russell. "Uncovering Discourse Gems through Pragmatics and Genre Analysis." Proceedings of the The First International Conference on English Language and Literary Studies. Ed. Ramnita Saini Sharada. Jalandhar, India: Hans Raj Mahila Maha Vidyalaya (pp. 1-7), 2012. Print. £

2012 Faculty Scholarship Report

Design and Layout

Erica MacArthur

Photography

Elizabeth Torgerson-Lamark/RIT

A. Sue Weisler/RIT

Published by

The Scholarly Publishing Studio

<https://wallacecenter.rit.edu/scholarly-publishing-studio/>

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