2019 FACULTY SCHOLARSHIP REPORT

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Lucy Zhang

PHOTOGRAPHY
Elizabeth Torgerson-Lamark/RIT

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I am very pleased to present the 2019 Faculty Scholarship Report. This compendium of scholarly work by RIT faculty and students represents the best of who we are as scholars and creative artists. The report provides several examples of exceptional individual and group achievements. It contains a list of the awards won, articles and books published, juried shows exhibited, and editorships undertaken by faculty members and students in 2019. I hope you take a few minutes to review the work and take pride in your own and others' accomplishments.

The scholarly and artistic efforts within this report each contribute to RIT’s growing national reputation, and many have direct and positive impacts on communities here in western New York and around the world. This work, which ranges from developing computational systems that improve care for patients with heart disease, to understanding the role of cultural and linguistic diversity for those who are Deaf and hard-of-hearing, to discovering the closest exoplanet to Earth, puts RIT and its research at the heart of some of the world’s most technical, scientific, and social challenges.

RIT’s faculty and students continue to engage in research, pedagogical undertakings, and scholarly activities that break down boundaries inside and outside of the university. Under the leadership of our president, Dr. David Munson, Jr., RIT’s vision for the future, embodied in the university’s strategic plan Greatness Through Difference, sets ambitious research and scholarship goals for the year 2025. The work showcased in this report demonstrates the many ways that RIT’s world-class faculty are steadily achieving these goals.

In fiscal year 2019, RIT also had its second-best year ever in acquiring sponsored research funding and a record year for research expenditures. RIT received 366 new awards totaling $74 million in funding, and expenditures grew to an estimated $58 million. RIT now has 353 principal investigators associated with active research awards. Additionally, the university is on target to confer at least 40 doctoral degrees in 2020, an all-time high. Building momentum for the university to meet or exceed another 2025 goal.

I want to thank each faculty member who took the time to achievements during 2019.

ELLEN GRANBERG, PH.D.

Provost and Senior Vice President for Academic Affairs
Rochester Institute of Technology
B. Thomas Golisano College of Computing & Information Sciences

Computer Science

Matthew Fluet, Associate Professor


Joe Geigel, Professor


Edith Hemaspaandra, Professor


Monika K Polak


Stanislaw Radziszowski, Professor


Rajendra Raj, Professor


This research is focused on developing mathematical foundational models to better study subtle individual human behaviors, as well as general collective group behaviors, occurring during social face-to-face interactions. This involves the development of dynamic models over visual, acoustic and language data, as well as physiological measures. These types of temporal data can be very noisy and make for interesting albeit challenging, sets of problems, as Dr. Nwogu and her students work to develop predictive and readily interpretable and explainable models over them. They employ dynamic Bayesian probabilistic modeling, traditional time series modeling and deep learning techniques to better analyze various aspects of communicative human behavior, computationally. Because of the nature of the limited realistic data utilized, there is often the need to collect preliminary, more controlled data, or develop various types of simulations, which can become auxiliary projects by themselves.

Dr. Nwogu is affiliated with the RIT Center for Advancing STEM Teaching, Learning & Evaluation (CASTLE) to develop behavior-based technologies that can potentially aid in supporting at-risk first year student in STEMs. She also collaborates with Behavioral Therapists with the goal of developing intelligent clinical technologies useful for addressing mental health disorders. In the course of this award, Dr. Nwogu intends to interact with students of different nationalities by teaching foundational machine learning and computer vision courses in different countries while also collecting data about student study groups, loosely integrating her teaching with her research in computationally studying human behaviors.

Ifeoma Nwogu
Assistant Professor
RIT Golisano College of Computing and Information Sciences
Carlos Rafael Rivero Osuna, Assistant Professor


**Published Game, Application or Software:** Ayala, Daniel, et al. AYNEC. Software. GitHub. 2019. ~


**Published Game, Application or Software:** Bhavsar, Komal and Carlos R. Rivero. AccuGraph. Software. GitHub. 2019. ~

**Published Game, Application or Software:** Jawalkar, Mayur and Carlos R. Rivero. GRAV. Software. GitHub. 2019. ~


Sumita Mishra, Professor


Hanif Rahbari, Assistant Professor


Ziming Zhao, Assistant Professor


School of Information

Dan Bogaard, Associate Professor


Bruce Hartpence, Professor


Lawrence W Hill, Associate Professor

Edward Holden, Associate Professor

Matt Huenerfauth, Professor


National/International Competition Award

National/International Competition Award


External Scholarly Fellowships/National Review Committee:
9/1/2019 - 8/31/2022
Microsoft Artificial Intelligence for Accessibility (AI4A) grant program
Amount: 241104 £

External Scholarly Fellowships/National Review Committee:
4/1/2019 - 3/31/2020
Microsoft Artificial Intelligence for Accessibility (AI4A) grant program
Amount: 15000 £


Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:

Jai W Kang, Associate Professor

Michael J McQuaid, Lecturer

Tae Oh, Associate Professor


Kristen Shinohara, Assistant Professor

Peer Reviewed/Juried Poster Presentation:

Garreth Tigwell

Peer Reviewed/Juried Poster Presentation:


Ronald P Vullo, Associate Professor


Qi Yu, Associate Professor


School of Interactive Games and Media

Carlos Castellanos


Christopher Egert, Associate Professor


Owen A Gottlieb, Assistant Professor


Jay Alan Jackson, Associate Professor

Chao Peng


External Scholarly Fellowships/National Review Committee:
10/1/2019 -
9/30/2020
DOD
Amount: $80000
≠

External Scholarly Fellowships/National Review Committee:
8/13/2019 -
1/31/2020
NSF
Amount: $7965
≠


Brian Tomaszewski, Associate Professor


---

**Software Engineering**

**Travis J Desell, Associate Professor**


---


Andy Buck, Professor


Peter J Pincus, Assistant Professor


**Shows/Exhibits/Installations:** Pincus, Peter. Peter Pincus. May 2019. Duane Reed Gallery, St. Louis, MO. Exhibit. ¬


David A Schnuckel, Assistant Professor


Shows/Exhibits/Installations: Schnuckel, David. r e | v e r b. 6 Sep. 2019. RIT City Art Space, ROCHESTER, NY. Exhibit.


Jane M Shellenbarger, Associate Professor


IN LATE 2019, SHAUN FOSTER RECEIVED A $160,000 MEGAGRANT FROM EPIC GAMES, THE VIDEO-GAME DEVELOPER BEHIND FORTNITE AND OTHER POPULAR TITLES. FOSTER, ASSOCIATE PROFESSOR AND UNDERGRADUATE PROGRAM DIRECTOR OF 3D DIGITAL DESIGN AT RIT, HOLDS NEARLY 20 YEARS OF EXPERIENCE IN 3D GRAPHICS AND INTERACTIVE EDUCATION DESIGN.

For this sponsored research, Foster is exploring Epic Games’ Unreal Engine software to develop cross-disciplinary excellence of real-time 3D graphics across RIT, promote collaboration and produce a free online 16-week course with tutorials to accelerate the knowledge of RIT’s incoming and current students.

Foster’s research is focused on the exciting nature of how learning, creating and designing with next-generation technology is dramatically changing the nature of 3D gaming graphics as well as the teaching process. His previous cross-disciplinary work using augmented and virtual reality has started to combine with mixed reality (XR) — which uses additional sensors and electronics — to enhance the tactile and immersive feel to simulations.

Foster’s multidisciplinary approach and early adoption of Epic Games’ Unreal Engine is expanding the software’s possibilities in various areas at RIT. Working with multidisciplinary teams of students, he is developing a better understanding of Unreal Engine and its advanced workflows and ability to provide real-time feedback. His work is allowing the versatile software to be leveraged as a central tool for interactive visualization, next-generation filmmaking and training in many fields, including: medical, VR historical simulation/visualizations, interior and industrial design, virtual production, urban planning, geographic information systems, GIS and user UI/UX/HCI (human computer interaction).

Foster is also furthering the synergy between the 3D Digital Design program and the MAGIC Center to integrate his research in and beyond RIT’s College of Art and Design. He is dedicated to bringing this cross-disciplinary learning approach to all corners of campus as well as teaching the next generation of students who will continuously lead, learn and innovate in the future.

Shaun Foster
Assistant Professor
RIT College of Art and Design

Photo by:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER
**School of Art**

**Michael Amy, Professor**


**Elizabeth Kronfield, Professor**


**Shows/Exhibits/Installations:** Kronfield, Elizabeth. Juried Exhibition, Cope, Drag, Core. 5 Apr. 2109. Back 40 Warehouse, Birmingham, AL. Exhibit.

**Sarah E Thompson, Associate Professor**


School of Design

Rebecca A Aloisio, Lecturer


Deborah A Beardslee, Associate Professor


Miguel A Cardona, Assistant Professor


**Kelli DiRisio, Assistant Professor**


**Shaun C Foster, Associate Professor**


**Lorraine Justice, Professor**


**Alex Lobos, Associate Professor**


Melissa D Moukperian, Assistant Professor


Hye Jin Nae, Assistant Professor


Marla Schweppe, Professor


School of Film and Animation

Ambarien Alqadar, Assistant Professor


Jack A Beck, Associate Professor


Shows/Exhibits/Installations: Beck, Jack. Stari Grad (Old Town). n.d. Ninety-Seven Film Festivals to Date, 35 Countries, 9 Awards, several cities world-wide. Exhibit. * £

Mari J Blanchard, Assistant Professor


Ricardo R Figueroa, Associate Professor


Thomas D Gasek, Associate Professor


Mark J Reisch, Assistant Professor


Ambarien Alqadar, Assistant Professor


Christopher Bondy, Lecturer


Angela Kelly, Professor


Joshua Rashaad McFadden


Gregory Halpern, Associate Professor


Ted M Kinsman, Assistant Professor


Joshua H Meltzer, Assistant Professor


Michael R Peres, Professor


Christye P Sisson, Associate Professor


Joshua J Thorson, Assistant Professor


**Shows/Exhibits/Installations:** Thorson, Joshua, et al. Special Citation Obie Award for Oklahoma!, video projections. 2019. New York, New York City. Performance.


Carole Woodlock


Catherine Zuromskis, Associate Professor

College of Engineering Technology

Civil Engineering Technology, Environmental Management and Safety

Yewande S Abraham, Assistant Professor


Amanda Bao, Associate Professor


FACULTY SCHOLARSHIP REPORT 2019
Lisa L Greenwood, Assistant Professor


Jennifer Schneider, Professor


Dean's Office

Michael Eastman, Professor

CHRISTOPHER LEWIS IS AN ASSISTANT PROFESSOR IN THE DEPARTMENT OF MANUFACTURING AND MECHANICAL ENGINEERING TECHNOLOGY.

Dr. Lewis holds a B.S. in Plastics Engineering Technology (Pennsylvania College of Technology), an M.S. in Polymer Engineering (University of Tennessee-Knoxville) and a PhD in Chemical Engineering (University of Rochester). Prior to joining RIT Dr. Lewis worked for 10 years in the plastics industry where he was engaged in manufacturing, materials and product research and development activities for companies such as Delphi Corporation, General Motors and TE Connectivity. Dr. Lewis’ appointment is through the Department of Manufacturing and Mechanical Engineering Technology (CET) and he is an affiliate faculty member to the Materials Science and Engineering Program (COS).

Dr. Lewis’ current research interest in the area of polymer engineering includes work in the subfields of shape memory/self-healing polymers, bioplastics and additive manufacturing. Through collaborations with other RIT researchers he has secured funding from such organizations as the New York State Pollution Prevention Institute (NYSP2I), the USDA, the Department of Defense and the US Army. In addition a portion of his work is funded through industrial collaborations with companies including Bausch and Lomb, Pearl Technologies and Garlock Sealing Technologies.

Dr. Lewis’ work is disseminated at conferences including the Society of Plastics Engineers (SPE) Annual Technical Conference (ANTEC) and the IAPRI Symposium on Packaging. He has also published numerous research articles in high-impact polymer science journals including Polymer Degradation and Stability, Macromolecules and the Journal of Rheology, as well as an invited review article for the Journal of Polymer Science Part B: Polymer Physics.

Dr. Lewis’ highly interdisciplinary research team includes participants from across the university with backgrounds in engineering technology, engineering and materials science. Dr. Lewis strongly supports undergraduate participation in his research efforts and believes that providing students with opportunities to share their work is critically important to their growth as engineering professionals. As such, Dr. Lewis serves as the College of Engineering Technology (CET) representative to the RIT undergraduate research symposium, helping to coordinate this annual event. Dr. Lewis is a board member of the Rochester chapter of the SPE and advisor to the RIT-SPE student chapter. He leverages this connection to provide opportunities for his students to engage with other plastics professionals at national conferences and at locally organized events. In addition, Professor Lewis helps to coordinate SPE participation at various STEM fairs in the Rochester region including the annually held E3 Fair at RIT where he and his students educate middle school students on the basic principles of plastics technology.

Christopher L. Lewis
Assistant Professor
RIT College of Engineering Technology

PHOTO BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER


Electrical, Computer and Telecommunications Engineering Technology

Miguel Bazdresch, Assistant Professor


Mark J Indelicato, Associate Professor

SungYoung Kim, Associate Professor


External Scholarly Fellowships/National Review Committee:
9/1/2019 - 8/31/2022
Department of Defense
Amount: $179878
≠

External Scholarly Fellowships/National Review Committee:
9/1/2019 - 12/31/2020
Yamaha Corporation
Amount: $19000
≠

Drew Maywar, Associate Professor


Manufacturing and Mechanical Engineering Technology

Martin K Anselm, Assistant Professor


Betsy Dell, Professor


Christopher L Lewis, Assistant Professor


Jennifer O'Neil, Assistant Professor


Brian S Rice, Assistant Professor

**Packaging Science**

**Carlos Diaz-Acosta, Associate Professor**


**Kyle D Dunno, Assistant Professor**


**Changfeng Ge, Professor**


College of
Health Sciences and Technology

Biomedical Sciences

Cory A Crane, Assistant Professor


Diagnostic Medical Sonography

Hamad Ghazle, Professor


Medical Illustration

James Perkins, Professor


Wegmans School of Health and Nutrition

Barbara A Lohse, Professor


LIZ RUDER COMPLETED HER DOCTORAL TRAINING AT PENN STATE UNIVERSITY BEFORE JOINING THE CANCER PREVENTION FELLOWSHIP PROGRAM AT THE NATIONAL CANCER INSTITUTE (NCI), NATIONAL INSTITUTES OF HEALTH (NIH) AND COMPLETING A MASTER’S IN PUBLIC HEALTH (MPH) FROM THE JOHNS HOPKINS SCHOOL OF PUBLIC HEALTH. SHE SERVED ON THE FACULTY IN THE SCHOOL OF HEALTH AND REHABILITATION SCIENCES AT THE UNIVERSITY OF PITTSBURGH PRIOR TO JOINING THE RIT FACULTY IN FALL 2015.

Dr. Ruder and her collaborators are interested in the development and evaluation of education tools and programs to translate diet-disease research into useful nutrition education and behavioral modification. A key part of this work has been the development and testing of valid and reliable instruments to measure eating and nutrition related behavior. Dr. Ruder’s work on the evaluation of the NEEDs for Tots curriculum, an early childhood education curriculum designed to disseminate a framework to support feeding relationships congruent with healthy growth and development known as the Satter Division of Responsibility (sDOR) in feeding. Relatedly, Dr. Ruder’s work involves the testing and validation of measures to assess how parents and caregivers feed children ages 2-5 years. Another recent area of her scholarship includes validation of measures of in-home fruit and vegetable availability and parent modeling of positive eating behaviors with targeted measures of parental diet quality.

Dr. Ruder’s research interweaves scholarship with community based organizations, including the teaching and training of health professions students. She is currently the Principal Investigator on a 3-year award from the NYS Department of Health to to enhance the clarity, respect, and motivational skills of physician assistants treating breast cancer survivors. A focus of the award to is to collaborate with the Breast Cancer Coalition of Rochester (BCCR) to train RIT physician assistant students in cultural humility and motivational interviewing, a collaborative, goal-oriented communication designed to strengthen personal motivation by exploring a person’s own reasons for change within an atmosphere of acceptance and compassion.

Elizabeth Ruder
Assistant Professor
RIT College of Health Sciences and Technology

Elizabeth H Ruder, Assistant Professor


College of
Liberal Arts

Dean’s Office

Laverne McQuiller, Professor


Department of Communication

Claudia A Bucciferro, Assistant Professor


Nickesia S Gordon


Ammina B Kothari, Associate Professor


Hinda B Mandell, Associate Professor


Jonathan Schroeder, Professor


**Shows/Exhibits/Installations:** Borgerson, Janet and Jonathan Schroeder. Designed for Hi-Fi Living. 1 Apr. 2019. McKenzie Commons RIT, Rochester. Exhibit. £


Bonnie J Mc Cracken, Visiting Lecturer

CECILIA (CISSI) OVESDOTTER ALM DIRECTS THE COMPUTATIONAL LINGUISTICS AND SPEECH PROCESSING LAB, AND HER RESEARCH COMBINES THIS FIELD WITH AFFECTIVE COMPUTING AND HUMAN-CENTERED ARTIFICIAL INTELLIGENCE (AI). USING LINGUISTIC AND MULTIMODAL SENSING (INCLUDING EYE GAZE OR BIOPHYSICAL SIGNALS), SHE FOCUSES ON STUDYING HOW HUMANS EXPRESS OR PERCEIVE COMPLEX REACTIONS SUCH AS SPECIFIC EMOTIONS, AND THE DEVELOPMENT OF AUTOMATED SYSTEMS CAPABLE OF RECOGNIZING OR GENERATING SUCH BEHAVIORS OR EXPERIENCES. SHE WISHES TO CONTRIBUTE TO THE DEVELOPMENT OF INCLUSIVE AI RESOURCES, TECHNIQUES, AND SYSTEMS, AND SHE IS INTERESTED IN THE ROLES OF HUMANS IN AI SYSTEMS AND THEIR PARTICIPATION IN MACHINE LEARNING.

Additionally, Cissi is intrigued by questions about multimodal dialogue interactions, and she is involved in developing interfaces that enable users to analyze and interpret linguistic or multimodal data and computational models intuitively. She is currently mapping out the research landscape that involves language resources for intelligent affective computing.

Cissi is passionate about mentoring RIT graduate and undergraduate students and about broadening participation and ensuring diverse perspectives in AI research. She is also PI for the NSF-funded Research Experiences for Undergraduates (REU) Site: Computational Sensing for Human-centered AI at RIT. She has co-authored many peer-reviewed publications with students and colleagues, including journal articles and proceedings papers, and is a co-recipient of a best paper award. Cissi is diversity and inclusion co-chair for ACL 2020, this year’s conference of the Association for Computational Linguistics, and she contributed collaboratively to launching a workshop on Human-centered Computational Sensing at PerCom, the IEEE International Conference on Pervasive Computing and Communications. In addition, she engages in a variety of interdisciplinary curricular initiatives on campus.

Cissi completed her PhD at the University of Illinois at Urbana-Champaign, and she is now an Associate Professor in the College of Liberal Arts and also affiliated with the Center for Human-aware AI, the PhD Program in Computing and Information Sciences, and the Department of Computer Science at RIT. She is currently on a sabbatical in the Department of Computer Science and Media Technology at Malmö University, Sweden.


Tracy Worrell, Associate Professor


Department of Economics

Amit Batabyal, Professor


**Invited Article/Publication:** Batabyal, Amit. "Vital Economic Data was Likely Lost During the Shutdown---Her’s Why it Matters to All Americans." The Conversation. (2019). Web. £


Nikolaus Kasimatis, Assistant Professor


Jeffrey Wagner, Professor

Department of English

Cecilia Alm, Associate Professor


Invited Keynote/Presentation: Alm, Cecilia O. "Sensing language (+ X) for human-centered AI." Talk at the Natural Language Processing Research Group, IT University of Copenhagen. Copenhagen, Denmark. 3 Oct. 2019. Guest Lecture.


External Scholarly Fellowships/National Review Committee:
12/17/2019 - 11/30/2020
STINT
Amount: 139,000 SEK, MAU, T. Pederson
PI
*

External Scholarly Fellowships/National Review Committee:
4/1/2019 - 3/31/2022
National Science Foundation
Amount: $379,927, incl. $20,000 supplement.
*

A.J. Caschetta, Principal Lecturer


**Robert D Glick, Associate Professor**


**Sean C Grass**


**Danielle Pafunda**


**Laura A Shackelford, Associate Professor**


**Department of Fine Arts**

**Rebecca Scales, Associate Professor**


**Department of History**

**Tamar Carroll, Associate Professor**


Joseph Henning, Associate Professor


Mary E Kitzel, Visiting Assistant Professor


Richard Newman, Professor


Rebecca Scales, Associate Professor


Corinna Schlombs, Assistant Professor


Department of Modern Languages and Cultures

Nikolina Bozinovic

Hiroko Yamashita, Professor


Department of Performing Arts and Visual Culture

Andy Head, Visiting Assistant Professor


Department of Philosophy

Silvia Benso, Professor


Evelyn Brister, Associate Professor


John Capps, Professor


Brian Schroeder, Professor


**Invited Keynote/Presentation:** Schroeder, Brian. "Nomadism and Bioregionalism." International Association for Environmental Philosophy. Duquesne University. Pittsburgh, PA. 1 Nov. 2019. Conference Presentation. «


**Invited Keynote/Presentation:** Schroeder, Brian. "The Role of Philosophy in Contemporary Society." College of Fellows. Western Sydney University. Sydney, WA. 27 Nov. 2019. Conference Presentation. Δ

---

Benjamin Banta, Assistant Professor


---

Department of Political Science

Sarah M Burns, Assistant Professor


Lauren Hall, Associate Professor


Stephen P Sims


Sean D Sutton, Professor


Nicholas DiFonzo, Professor


John Edlund, Associate Professor


Stephanie A Godleski, Assistant Professor


Ana Havelka Mestrovic


Andrew Herbert, Professor


Rebecca Houston, Assistant Professor


Esa Rantanen, Associate Professor


Lindsay S Schenkel, Associate Professor


Tina M Sutton, Assistant Professor


Department of Science, Technology, and Society

Christine Keiner, Associate Professor


Kaitlin Stack Whitney, Visiting Assistant Professor


Kristoffer J Whitney, Assistant Professor


---

**Department of Sociology and Anthropology**

**Jeffrey Burnette, Assistant Professor**


---

**Conerly Casey, Associate Professor**


---

**Jessica Hardin**


---

**Christine Kray, Associate Professor**


**Wenjie Liao**


**Uli Linke, Professor**


**Robert Ulin, Professor**

Charles Bachmann, Associate Professor


John Kerekes, Professor


David Messinger, Professor


**Carl Salvaggio, Professor**


DR. JAN VAN AARDT OBTAINED A BSC FORESTRY DEGREE (BIOMETRY AND SILVICULTURE SPECIALIZATION) FROM THE UNIVERSITY OF STELLENBOSCH, STELLENBOSCH, SOUTH AFRICA. THIS WAS FOLLOWED BY MS AND PHD FORESTRY DEGREES.

Jan focused on remote sensing (imaging spectroscopy and light detection and ranging; lidar), at the Virginia Polytechnic Institute and State University, Blacksburg, Virginia. He worked as a post-doctoral researcher at the Katholieke Universiteit Leuven, Belgium, and then as research group leader at the Council for Scientific and Industrial Research, South Africa, before joining RIT’s Chester F. Carlson Center for Imaging Science in 2008. Imaging spectroscopy and structural (lidar) sensing of natural resources, from forests to crops, form the core of his efforts, with projects varying between vegetation structural and system state (physiology) assessment. He has received funding from NSF, NASA, Google, NGA, and USDA, among others, and has published >70 peer-reviewed journal papers and >100 conference contributions... mostly vicariously via his students, of course!

Jan currently supervises nine graduate students, with projects ranging from the assessment of light transport through forest canopies toward improved waveform lidar analysis (improved ecosystem structural characterization), terrestrial lidar research in tropical mangrove forests (quantification of sediment elevation changes, as a function of climate change), spectral and thermal characterization of duck nests/plumage (for improved conservation management), and precision agriculture projects focused on i) yield forecasting, ii) harvest maturity assessment, and iii) disease detection and risk prediction. Many of the students rely heavily on unmanned aerial systems (UAS), or lidar system and simulation tools developed in the Center, which involves many other research or staff scientists. The research group’s high-level goal is to develop imaging/sensing solutions for crop growers, ecologists, and image science “practitioners”, using cutting-edge sensing modalities, like imaging spectroscopy, that can be used to scale solutions from the plant- to the field- to the landscape level, depending on application.

Jan van Aardt,
Professor,
RIT College of Science

PHOTO BY:
ELIZABETH TORGERSON-LAMARK
UNIVERSITY PHOTOGRAPHER
Jan van Aardt, Professor


**External Scholarly Fellowships/National Review Committee:**

1/1/2017 -
12/31/2020
National Ecological Observation Network (NEON)
Amount: 0

Anthony Vodacek, Professor


Color Science

Roy Berns, Professor


Mark Fairchild, Professor


**Invited Article/Publication:** Fairchild, M.D. "Curious Kids: How do my Eyes Adjust to the Dark and How Long does it Take?" The Conversation. (2019). Web. Δ


Susan Farnand, Assistant Professor


Michael J Murdoch, Assistant Professor


School of Chemistry and Materials Science

Paul A Craig, Professor


Matt Miri, Associate Professor


Kalathur S Santhanam, Professor


Gerald Takacs, Professor


External Scholarly Fellowships/National Review Committee:

11/1/2018 - 11/1/2019
Constellation's E2 Energy to Educate Program
Amount: $25,000 ≠


**External Scholarly Fellowships/National Review Committee:**
- 6/3/2019 - 8/9/2019
  - Summer Faculty Fellowship Program - Air Force Research Laboratory
  - Amount: $27,840


**School of Mathematical Sciences**

**Ephraim Agyingi, Associate Professor**


**Nathaniel S Barlow, Assistant Professor**


**Nathan D. Cahill, Associate Professor**


**Manuela Campanelli, Professor**


Raluca Felea, Professor


Jobby Jacob, Associate Professor


Baasansuren Jadamba, Associate Professor


Carlos Lousto, Professor


**Kara Maki, Associate Professor**


**Nishant Malik, Assistant Professor**


Tony Wong


School of Physics and Astronomy

Mishkatul Bhattacharya, Associate Professor


Moumita Das, Associate Professor


Pratik Dholabhai, Assistant Professor


Scott Franklin, Professor


Edwin Hach, Assistant Professor


Gregory A Howland


**Seth Hubbard, Professor**


Jeyhan S Kartaltepe, Assistant Professor


Michael Lam


Aaron McGowan, Senior Lecturer


Shima Parsa Moghaddam


Michael Pierce, Associate Professor


Michael Richmond, Professor


Robert B Teese, Professor

**National/International Competition Award Winner:** Teese, Robert. American Association of Physics Teachers. Homer L. Dodge Citation for Distinguished Service to the AAPT. Houston, TX, 2019.

Michael B Zemcov, Assistant Professor


Thomas H. Gosnell School of Life Sciences

Gregory Babbitt, Associate Professor


Hyla Sweet, Associate Professor

Julie A Thomas, Assistant Professor


Leslie Kate Wright, Associate Professor

Golisaano Institute for Sustainability

Architecture

Nana-Yaw A Andoh, Assistant Professor


PhD in Sustainability

Callie Babbitt, Associate Professor


External Scholarly Fellowships/National Review Committee:

3/25/2019 -
3/24/2020
National Science Foundation
Amount: 47,742 ≠

External Scholarly Fellowships/National Review Committee:

12/1/2019 -
11/30/2024
National Science Foundation
Amount: 513,442 ≠

Thomas Trabold, Associate Professor


Eric Williams, Professor


Nathan Williams


NANA-YAW ANDOH IS AN ASSISTANT PROFESSOR IN THE ARCHITECTURE DEPARTMENT AT THE GOLISANO INSTITUTE FOR SUSTAINABILITY. HIS RESEARCH INTERESTS CENTER AROUND HOW ARCHITECTURE AND URBANISM CAN BE USED AS VEHICLES TO IMPROVE QUALITY OF LIFE BY FOCUSING ON APPROPRIATE DESIGN INITIATIVES TO ADDRESS URBAN POPULATION GROWTH AND SOCIAL INEQUITIES.

Buildings account for approximately 40% of total energy consumption worldwide which leads to about 48% of greenhouse gas emissions from the building sector alone. In addition, approximately two-thirds of the global population is expected to reside in urban areas by the year 2050, and there is mounting pressure to establish healthy and livable urban environments that meet the needs of increasingly populous communities and to mitigate the effects of climate change. To tackle this issue, Professor Andoh has taken the approach that “the most sustainable building is one that already exists”, and teaches a design studio course which emphasizes the adaptive reuse of existing buildings. Recent work from the Adaptive Reuse design studio includes the transformation of an old Rochester Brewery building into a community center and grocery center to combat a food desert, adapting the former Spaghetti Warehouse building into transitional housing for previously homeless residents, and a former church house in Elmira into a homeless shelter and workforce training center.

A critical component of Professor Andoh’s work with his students is to bring about tangible results and positive change. Projects from the Adaptive Reuse class are in various stages of implementation which is a rare feat in academia. By engaging with local community agencies and advocates, some of the projects are under contract, others are in funding stages, while others are close to initial construction. The work in the Adaptive Reuse design studio has been presented at the national Congress for New Urbanism conference, and won the New York State American Association of Architects student design awards.

Professor Andoh’s research has a strong emphasis on social sustainability and equity which has resulted in multiple media appearances and round-table panels to discuss the effects of the built environment on vulnerable populations. He contributes his knowledge by being an active board member of the Community Design Center of Rochester, the Landmark Society of Western New York, and the Historic Preservation Board for the Village of Pittsford, and was recently invited to join the Community Advisory Committee being formed by the city of Rochester to evaluate plans for the northern section of the Inner Loop Transformation Project. Future research will continue to focus on the inevitability of population growth and urbanization, and how we can continue to have gentrification without the ill effects of displacement.

Nana-Yaw Andoh
Assistant Professor,
RIT Golisano Institute for Sustainability

Photo by:
Elizabeth Torgerson-Lamark
University Photographer


Research Centers

Brian S Hilton


Nabil Nasr, Professor


**Nenad Nenadic, Research Associate Professor**


**Thomas Trabold, Associate Professor**


**Christopher Valant**

International Campuses

RIT Croatia

Branko Mihaljević


**Evelina Miščin**


**Alan Mutka**


**Jakob Patekar**


**Jasminka Samardžija**


**Kristina Soric**


**Martin Zagar**

Mohamed A. Samaha is an Associate Professor and Graduate Program Advisor, Mechanical Engineering, at RIT’s campus in Dubai. His research focuses on experimental, numerical and theoretical approaches in thermofluids with applications in active and passive flow control for saving energy. In addition, his research spans methods of harvesting renewable energy including wind turbines and solar panels. Mohamed also worked in advancing relatively low-cost micro/nanofabrication of slippery superhydrophobic and omniphobic surfaces for drag-reduction purposes. He also contributed to other areas such as turbulence modeling of the flow through hydraulic capsule pipelines.

Mohamed is collaborating with Professor Ghalib Y. Kahwaji and a team at RIT-Dubai on research projects funded from the U.A.E government and industry. The projects include: (1) passive natural convection enhancement around a horizontal cylinder with applications in industrial systems including heat exchangers, boilers and electronics cooling systems; (2) development of energy storage systems using phase-change materials; (3) characterization of the accumulated dust layer on solar panels; and (4) design optimization of high capacity ground-coupled heat exchanger. Dr. Samaha is recently collaborating with a research group from the main campus at Rochester, NY, and co-advising a Ph.D. student, Nastaran Naghshineh, with her main advisor, Professor Steven Weinstein. They are advancing a theoretical model to simulate the configuration of a thin viscous flow around a rotating cylinder to form a stable roller coating. Meanwhile, Mohamed is collaborating with Professor Kahwaji and a team at Korea Maritime & Ocean University, Busan, South Korea headed by Professor Young-Ho Lee to design a new profile for wind lens aiming to increase the wind turbine efficiency.

Prior to joining RIT-Dubai, Dr. Samaha was a postdoctoral research associate for two years at Princeton University, NJ, working on the grant of Multidisciplinary University Research Initiative (MURI), Office of Naval Research (ONR) jointly with other groups from Harvard, MIT, Stanford, Johns Hopkins, Michigan, Minnesota, and others. They were advancing a new slippery omniphobic coating for drag reduction purposes. During his doctoral thesis at Virginia Commonwealth University (VCU), VA, he was working in the area of experimental and computational characterization of superhydrophobic slippery surfaces fabricated using AC-electrospinning and random particle deposition, funded from the Defense Advanced Research Projects Agency (DARPA). During his master thesis at Alexandria University, Egypt, he has advanced CFD turbulence models to simulate hydraulic capsule pipeline flow.

So far, Mohamed has published 18 journal articles, two more in preparation and 24 conference papers and abstracts. His articles have been published in prestigious journals including Physics of Fluids, Langmuir, Journal of Colloid and Interface Science, Review of Scientific Instruments, Measurement Science and Technology, the ASME Journal of Fluids Engineering, the AIAA Journal of Thermophysics and Heat Transfer and others. Additionally, he is an official reviewer in several journals. Mohamed is a member of the American Physical Society (APS) and the advisor of the ASHRAE Student chapter at RIT-Dubai.

Mohamed A. Samaha
Associate Professor
RIT-Dubai, U.A.E
DR. ŽAGAR’S RESEARCH IS MAINLY FOCUSED ON MULTIMEDIA APPLICATIONS AND HIGH-PERFORMANCE COMPUTING WITH ITS APPLICATIONS IN TELEMEDICINE. MORE SPECIFICALLY, HIS RESEARCH IS MOST RECENTLY ORIENTED ON MEDICAL DIAGNOSTICS TO BE PERFORMED IN A COLLABORATIVE, DISTRIBUTED AND MOBILE ENVIRONMENT; MULTIDIMENSIONAL COMPRESSION OF MEDICAL DATA; CONTACTLESS SURGERY; ELECTRONIC HEALTH RECORD; MEDICAL IMAGING AND OTHER E- AND M-HEALTH APPLICATIONS. AS A PART OF RESEARCH ON CONTACTLESS SURGERY, Dr. Žagar with his collaborators has developed a special plug-in application for DICOM (standard for digital medical images) viewer, enabling users to use a motion-tracking sensor as an interface for camera positioning in 3D Volume Rendering (3DVR) and Virtual Endoscopy (VE) views. They defined different types of gestures for 3DVR and VE, which enable navigation through virtual 3D space, adjusting the viewing angle and camera position, using only one hand. Consequently, this has minimized surgeon distraction while interacting with the positioning system. Results are published in several conference and journal papers.

Aside from his primary research track, Dr. Žagar has also developed the framework for multidimensional medical data compression and a framework for the medical image diagnostics on the move. He is also working together with professors from the Rochester campus (Prof. Zilora, Prof. Patric, Prof. Keller) and Dubai campus (Prof. Raza) on delivering international capstone projects for IT students as a real international joint multicampus project in collaboration with the industry partners.

Dr. Žagar has published more than sixty publications including book and book chapters, highly indexed journal articles and conference proceedings, and technical reports. He is a Member of IEEE, AASCIT (American Association for Science and Technology), HiPEAC (European Network on High Performance and Embedded Architecture and Compilation), EAIE (European Association for International Education) and Croatian Academy of Science, and editor and reviewer in a couple of international journals.

Martin Žagar
Assist. Prof
RIT Croatia
BESNIK BISLIMI IS ASSISTANT PROFESSOR OF ECONOMICS AT THE ROCHESTER INSTITUTE OF TECHNOLOGY IN KOSOVO. HIS MAIN AREAS OF RESEARCH ARE FISCAL POLICY, LABOR MARKETS AND MONETARY POLICY.

Dr. Bislimi has a PhD on Political Sciences with key focus on Public Finances. He teaches various economic courses, including Labor Economics and Public Finance. His current involvement is on relevant labor market challenges in Kosovo, predominantly looking at the skills-mismatch between the educational output and market needs, costs of job creation in sectors with growth potential and the proper design of active labor market policies.

During 2019, Dr. Bislimi was also interested on the development of the financial market in Kosovo, main barriers for growth and eventual alternatives for further enforcement of competition. He also compared pros and cons of two different alternatives for potential new foreign direct investment in the banking sector: acquisition of existing banks or application for new licenses with the Central Bank.

Dr. Bislimi was also directly involved in the political life of the country, and following the results of October 6th elections and relatively long political negotiations aiming at a coalition agreement, he got appointed as the new Minister in the area of Finances and Government Transfers. Despite the many challenges in consolidating government budget and strengthening the good governance in spending public money, Dr. Bislimi is still fulfilling his assignments as professor at RITK.


RIT Dubai

Wael Abdel Samad


Salman Pervaiz


Mohamed A Samaha


Albina Balidemaj


Engineering

Kate Gleason College of Engineering

Biomedical Engineering

Vinay V Abhyankar, Assistant Professor


Iris Asllani, Research Associate Professor


Peer Reviewed/Juried Poster Presentation:

Jennifer L Bailey, Senior Lecturer
Peer Reviewed/Juried Poster Presentation:

Thomas R Gaborski, Associate Professor

Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:


Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:
Jing Zhang
Assistant Professor
RIT Kate Gleason College of Engineering

JING ZHANG IS THE KATE GLEASON ASSISTANT PROFESSOR IN THE DEPARTMENT OF ELECTRICAL AND MICROELECTRONIC ENGINEERING IN THE KATE GLEASON COLLEGE OF ENGINEERING. HER MAIN RESEARCH INTERESTS LIE IN SEMICONDUCTOR PHOTONICS AND NANOELECTRONICS.

The emerging of III-Nitride semiconductors has shown promising device applications on photonics and electronics, advancing knowledge in the field of lighting, communication, quantum technologies, health care, and energy. For the pursuit of high efficiency, compact size, and high-level integration, III-Nitride semiconductor technology has been explored extensively in the past decades with significant progress, especially in Nobel-prize winning invention of blue light emitting diodes (LEDs).

Dr. Zhang’s research group focused on the use of III-Nitride materials for novel photonic and electronic devices such as ultraviolet (UV) LEDs/ lasers, monolithic white LEDs on novel ternary template, and nanowire power electronics for switching. For UV photonics, the wide bandgap materials have been widely used as the active region. However, the pursuit of efficient UV emitters with wavelength less than 250 nm has been limited to the fundamental challenge in physics. Her research work has proposed promising solutions for high-efficiency UV photonics. On the aspect of visible LEDs for solid state lighting, her work used novel ternary substrate for realizing green- and red-emitting LEDs, which leads to high-efficiency monolithic white LEDs.

Currently, III-Nitride based LEDs or micro LEDs have been investigated for the next generation display technology. The persistent issue, however, has been the lack of ability to integrate transistors with LEDs for control. Dr. Zhang’s research presented a novel vertical III-Nitride nanowire field effect transistor (FET) that can be monolithically integrated with micro LEDs for the first time. The demonstrated voltage-controlled light-emitting unit provides area savings, scaling, and seamless vertical integration. The vertical nanowire FET has great potential in power switching applications too.

Dr. Zhang obtained B.S. degree in Electronic Science and Technology from Huazhong University of Science and Technology (2009), and Ph.D. degree in Electrical Engineering from Lehigh University (2013). Dr. Zhang has published more than 30 refereed journal papers and 65 conference proceedings including invited talks. She is a recipient of Texas Instruments/Douglass Harvey Faculty Development Award, and National Science Foundation (NSF) CAREER Award.


Blanca H Lapizco-Encinas, Associate Professor


Michael S Richards, Assistant Professor


Karin Wuertz-Kozak


Chemical Engineering

Brian Landi, Professor


Steven Weinstein, Professor


Computer Engineering

Amlan Ganguly, Associate Professor


Andres  Kwasinski, Professor


**Published Conference Proceedings:** hartpence, Bruce and Andres Kwasinski. "Fast Internet Packet and Flow Classification Based on Artificial Neural Networks." Proceedings of the IEEE SoutheastCon. Ed. IEEE. Huntsville, AL: n.p., Print. *


**Cory E Merkel**


**Raymond W Ptucha, Assistant Professor**


Andreas Savakis, Professor


Electrical and Microelectronic Engineering

Mark A Indovina, Lecturer


E Lyshevski, Professor


Gill Tsouri, Associate Professor


Industrial and Systems Engineering

Denis Cormier, Professor


Marcos Esterman, Associate Professor


Matthew Marshall, Professor


Katie T McConky, Assistant Professor


Ruben Proano, Associate Professor


Ehsan Rashedi, Assistant Professor


Iris Rivero, Professor


Brian Thorn, Professor


Mechanical Engineering

Stephen Boedo, Professor


Ke Du


Amitabha Ghosh, Professor


Surendra Gupta, Professor


Edward C Hensel Jr., Professor


**Peer Reviewed/Juried Poster Presentation:**

Patricia Iglesias Victoria, Associate Professor


Satish Kandlikar, Professor


Huaye Li


Risa Robinson, Professor


Robert J Stevens, Associate Professor

American Sign Language and Interpreting Education

Joseph C Hill, Assistant Professor


Kim Kurz, Associate Professor


**Invited Keynote/Presentation:** Kurz, Chris and Kim Kurz. "Translation and Interpretation in Academic ASL: (cubed) TEAM." Partners in Deaf Education. Empire State Service Providers. Corning, NY. 9 Nov. 2019. Conference Presentation. Δ


**Manuscripts Submitted for Publication:** Mangelsdorf, Heather Harden, Jason D. Listman, and Anabel Maler. "Perception of Musicality and Emotion in Signed Songs." 1 Sep. 2019. TS - typescript (typed). *

**Communication Studies and Services**

**Linda Gottermeier, Professor**


**Grants:** Gottermeier, Linda (2019-2021). Impact of a Contralateral Hearing Aid on Content Acquisition in Students with Early-onset Deafness and Long-term afness and long-term Unilateral Cochlear Implant Use. Grant received/funded by SPDI, RIT/NTID. ~

**Grants:** Stinson, Michael, et al (2017-2021). MITRE FCC Telecommunication Relay Services (TRS). Grant received/funded by FCC, FCC. ≠

**Cultural and Creative Studies**

**Joseph Bochner, Professor**


**Patricia A Durr, Associate Professor**


**Shows/Exhibits/Installations:** Durr, Patti. For far too long... 21 Jun. 2019. De'VIA Pop Up - Warhol Museum, Pittsburg, PA. Exhibit. *


**Luane Haggerty, Principal Lecturer**

DR. NORDHAUS IS A THEORETICAL ASTROPHYSICIST WHO STUDIES THE PHYSICAL PROCESSES THAT OCCUR WHEN STARS DIE.

The death of a star is often a spectacular event - explosive, luminous and predated by dramatic changes in the internal structure. Near the end of a star’s life, its physical radius increases beyond where the Earth orbits. Nearby planets, stars, and compact objects such as neutron stars and black holes will plunge into their parent star, releasing enough energy to tear it apart. This elusive, yet critical, phase of stellar evolution is referred to as a common envelope. Common envelopes are the main pathway for creating close-binaries in the Universe and the progenitors of the binary black hole and neutron star systems that produce gravitational waves. In his studies of evolved stars, Dr. Nordhaus employs a variety of techniques ranging from pen-and-paper theory to some of the largest numerical simulations in the field.

As faculty at NTID, Dr. Nordhaus is passionate about increasing the participation of deaf and hard-of-hearing students in the physical sciences. Currently, it is more than two orders of magnitude lower than what general population statistics would predict. To provide pathways for future deaf scientists, Dr. Nordhaus routinely involves deaf/hoh students in research at both the undergraduate and graduate levels.

Jason Nordhaus,
Assistant Professor,
RIT National Technical Institute for the Deaf

Photo by:
Elizabeth Torgerson-Lamark
University Photographer


**Invited Article/Publication:** Ph.D., Luane Davis Haggerty. "To Dream the Possible Dream." Linked In. (2019). Web. ∆


**Deirdre Schlehofer, Associate Professor**


**Grants:** Schlehofer, Deirdre A, Jane Bempong, and Darian Slattery (2018-2019). Undocumented Voices of Deaf Women Leaders: A Historical Analysis. Grant received/funded by Advance RIT/Connect Grant, NSF.

**Information and Computing Studies**

**Karen Beiter, Associate Professor**


**Donna Lange, Associate Professor**


James Mallory, Professor

Brian Trager, Associate Professor
Published Game, Application or Software: Trager, Brian, Wendy Dannels, and Aaron Wade Parker. "MAG: De'VIA." Phone or Smart Device App. Center on Access Technology. 2019.

Liberal Studies

Stephen F Aldersley, Professor


Janine M Butler, Assistant Professor


Jessica Cuculick, Associate Professor


Matthew W Dye, Assistant Professor


Manuscripts Submitted for Publication:


Pamela Kincheloe, Associate Professor


Vincent J Samar, Professor


Kathryn Schmitz, Associate Professor


Master of Science in Secondary Education

Christopher Kurz, Professor


Sara Schley, Professor


Manuscripts Submitted for Publication: Marchetti, Carol, Sara Schley, and Denise Kavin. "Pathways of Deaf and Hard of Hearing Women Faculty to Careers in Higher Education." 19 Apr. 2019. TS - typescript (typed). *


Manuscripts Submitted for Publication: Cawthon, Stephanie, Sara Schley, and Yasmine Jassal. "Student Observations of Postsecondary Classroom Instruction." 7 Jul. 2019. TS - typescript (typed). *


**Peer Reviewed/Juried Poster Presentation:** Bowler, Dean and Sara Schley. "Faculty Strategies on Improving Access and Inclusion in Postsecondary Classrooms." Proceedings of the Undergraduate Research Symposium, RIT. Ed. n.a. Rochester, NY: n.p.. *


**Manuscripts Submitted for Publication:** Skyer, Michael E. and Laura Cochell. ""Aesthetics, Culture, Power: Critical Deaf Pedagogy and the Use of ASL vlogs as Resistance to Audism in Deaf Education Research"." 1 May 2018. TS - typescript (typed). *

**Manuscripts Submitted for Publication:** Skyer, Michael E. "Being and Deafness: The Ontology of Disablement and the Dialectics of Hearing Loss and Deaf Gain." 20 Jun. 2018. TS - typescript (typed). *

Michael E Skyer, Senior Lecturer


**Manuscripts Submitted for Publication:** Skyer, Michael E. and Laura Cochell. ""Aesthetics, Culture, Power: Critical Deaf Pedagogy and the Use of ASL vlogs as Resistance to Audism in Deaf Education Research"." 1 May 2018. TS - typescript (typed). *


Michael Stinson, Research Associate Professor


Jessica W Trussell, Assistant Professor

Manuscripts Submitted for Publication: Trussell, Jessica W. "Learning Social Studies Vocabulary via Morphological Instruction in the Itinerant Model." 19 Sep. 2019. TS - typescript (typed). *


Office of the Associate Dean of Research

Lisa Elliot, Research Associate Professor

Manuscripts Submitted for Publication


Peter Hauser, Professor


Robert Pollard, Professor


Office of the President

Marc Marschark, Professor


**Corrine M Occhino, Research Assistant Professor**


**Mark J Rosica, Associate Professor**


Brian Trager, Associate Professor

Science and Mathematics

Austin Gehret, Associate Professor

Bonnie Jacob, Assistant Professor

Grants: Jacob, Bonnie (2017-2021). REU Site: Summer Undergraduate Research for Students who are Deaf or Hard-of-Hearing in Applying Mathematical and Statistical Methods to Problems from the Sciences (REU at NTID). Grant received/funded by National Science Foundation Division of Mathematical Sciences, National Science Foundation. ≠


Matthew Lynn, Associate Professor


Todd Pagano, Professor


Annemarie Ross, Associate Professor


Jennifer L Swartzenberg


Visual Communications Studies

Eric Kunsman, Lecturer

Museum Collection Acquisition: Kunsman, Eric T. Thou Art... Will Give... Archival Pigment Print. Hoyt Institute of Art. (2019).


FACULTY SCHOLARSHIP REPORT 2019

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art... Will Give... 3 Oct. 2019. East Central College, Union, MO. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art... Will Give... 2 Aug. 2019. Hoyt Art Institute, New Castle, PA. Exhibit. *


Invited Keynote/Presentation: Kunsman, Eric T. "Thou Art... Will Give... by Eric T. Kunsman." Solo Exhibition of Thou Art... Will Give... Flower City Arts Center. Rochester, New York. 24 Sep. 2019. Lecture. *


Invited Keynote/Presentation: Kunsman, Eric T. "Artist Talk on "Thou Art... Will Give..."." Solo Exhibition of Thou Art... Will Give... Art + Education at the Hoyt. New Castle, PA. 24 Aug. 2019. Lecture. *


National/International Competition Award Winner: Kunsman, Eric T. Wayne Art Center. 1st place (Best in Show) Award for "Being There, Black and White Photography Exhibition" at Wayne Art Center. Wayne, PA, 2019. *


National/International Competition Award Winner: Kunsman, Eric T. Rust Belt Biennial Exhibition at Sordoni Gallery at Wilkes University. Top 15 Photographer. Wilkes Barre, PA, 2019. *


National/International Competition Award Winner: Kunsman, Eric T. Rhode Island Center for Photography. 1st place (Best in Show) Award for 6th Open Call Exhibition. Providence, Rhode Island, 2019. *


National/International Competition Award Winner: Kunsman, Eric T. Texas Photo Society. Honorable Mention, 32nd Annual Members’ Only Juried Show. Houston, TX, 2019. *


National/International Competition Award Winner: Kunsman, Eric T. IPA - The International Photo Awards. Honorable Mention- Analog / Film-Fine Art Category, IPA. Los Angeles, CA, 2019. *

National/International Competition Award Winner: Kunsman, Eric T. Santa Fe Portfolio Reviews. Top 100 photographers accepted into Santa Fe Portfolio Reviews. Santa Fe, NM, 2019. *


Shows/Exhibits/Installations: Kunsman, Eric T. Americans. 6 Sep. 2019. Rankin Arts Photography Center, Columbus, GA. Exhibit. *


Michael J Voelkl, Associate Professor

Saunders College of
Business

Accounting

Dilin Wang


Ke-an Wu, Assistant Professor


Rong Yang, Associate Professor


Economics

Steven C Gold, Professor


Finance

Chun-keung Hoi, Professor


Zhijian Huang, Assistant Professor

Archana Jain, Assistant Professor


Leonid Pugachev


Ashok J Robin, Professor


Hao Zhang, Associate Professor


International Business

Malarvizhi Hirudayaraj, Assistant Professor


Millivoj Markovic


International Hospitality and Service Innovation

Besim Agusaj


Malarvizhi Hirudayaraj, Assistant Professor


DR. MANLU LIU FOCUSES ON STUDYING COMMUNITY PERSPECTIVE OF INFORMATION SYSTEMS. SHE CONDUCTS INTERDISCIPLINARY RESEARCH BY APPLYING BOTH QUALITATIVE AND QUANTITATIVE RESEARCH METHODOLOGY. HER RESEARCH INTERESTS INCLUDE COMMUNITY-BASED OPEN SOURCE (COMMUNITY SOURCE), ACCOUNTING AND FINANCIAL ANALYTICS, OPEN INNOVATION IN HEALTH IT, AND BLOCKCHAIN TECHNOLOGY.

She started to examine community source phenomenon in 2005. She and her coauthors introduced this phenomenon to Management Information Systems (MIS) academic field and developed research models for community source evolution and sustainability. Dr. Liu is currently passionate about how business analytics applies to accounting and finance. She co-initiated the Advanced Certificate of Accounting and Financial Analytics. She designed and developed the graduate level Accounting Analytics course. Her most recent research projects focus on studying the impact of blockchain technology to accounting and auditing community by applying text mining techniques through social media data. Her publications appear in leading academic journals in both MIS and Accounting fields, including Information and Organization, European Accounting Review, Information Systems Journal, Communications of the ACM, Journal of Global Information Management, Decision Support Systems, Journal of Systems and Software, Electronic Commerce Research etc. Her research also attract interests of practitioners. Her publications appear in leading practitioner journals such as the CPA Journal, Current Issues in Auditing. She served as a Guest Co-Editor for Journal of Electronic Commerce Research.

She serves as the member of the Editorial Review Board for the following journals: Electronic Commerce Research, Journal of Electronic Commerce Research, Electronic Government: An International Journal, and International Journal of Electronic Finance. She has been serving as a session chair, program committee member for prestigious international conferences including the International Conference on Information Systems (ICIS), the Americas Conference on Information Systems (AMCIS), the Southwest Decision Science Institute Conference (SWDSI), Human-Computer Interaction (HCI) International Conference etc.

MANLU LIU
ASSOCIATE PROFESSOR
RIT SAUNDERS COLLEGE OF BUSINESS


Yu-Chin J Hsieh, Associate Professor


Muhammet Kesgin, Assistant Professor


Rick Lagiewski, Assistant Professor

**Jennifer Matic, Assistant Professor**


**Domagoj Nikolic**


**Torrence E Sparkman, Assistant Professor**


**Steven Carnovale, Assistant Professor**


**Full Length Book:** Carnovale, Steven and Sengun Yeniyurt. Cybersecurity in Supply Chain Management: Trends, Challenges, and Solutions. Not Available, Not Available: Not Available, 0. Print. £

**Clyde Hull, Professor**

Chih I Liu, Assistant Professor

A Erhan Mergen, Professor


Michael Palanski, Associate Professor


Sandra Rothenberg, Professor

Zhi Tang, Associate Professor


Management Information Systems

Quang N Bui, Assistant Professor


Marketing

Duygu Akdevelioglu


Darline Augustine, Assistant Professor


Deborah Colton, Associate Professor


Emi Moriuchi, Assistant Professor


Rajendran S Murthy, Associate Professor


School of Individualized Study

Daniel W Worden, Associate Professor


Daniel Worden works on the intersections of culture and material realities—how contemporary art offers new ways of imagining our changing climate; how comics represent corporate exploitation; how memoirs conjure the possibilities of renewed life from within the wreckage of poverty and social neglect in contemporary America.

In 2019, Daniel’s essay “Cibopathic” was published in An Ecotopian Lexicon, a book that speculates about new terms that may prove to be useful in the latter years of the Anthropocene. Reviewed in the New Yorker magazine, the book offers a series of meditations on new ways of being in the world, and Daniel’s essay draws on the comics series Chew to explore what it would be like to have a unique superpower: the ability to taste a food’s history of growth, production, and packaging, instead of its flavor. Would we still eat the things we eat, if we experienced their histories?

Daniel also continued to write and speak about his recent research interests. His current research project explores how 19th and early 20th-century cartoons represent the petroleum industry and its increasing stranglehold on American society, and the connections between comics storytelling and the outsized speeds afforded to us through fossil fuels.

He continued his work on documentary arts. He has analyzed how documentary across media sought to represent the gradual and often opaque processes by which the global economy was transformed through financialization, and the ways in which the neoliberal thinking that has enforced austerity, privatization, and entrepreneurship as norms has strategically undone our ability to think systematically about our economy and our society. A version of this work will be published as a book, Neoliberal Nonfictions: The Documentary Aesthetic from Joan Didion to Jay-Z, in Spring 2020.

Daniel Worden  
Associate Professor  
RIT School of Individualized Study & Department of English