2018 FACULTY SCHOLARSHIP REPORT

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PUBLISHED BY
The Wallace Center - RIT Open Access Publishing

OFFICE OF THE PROVOST
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RIT faculty and students continue to engage in research, pedagogical undertakings and scholarly activities that break down boundaries inside and outside the university. We graduate more Ph.D. students each year, and have now entered the second year of our doctoral university status via the Carnegie Classification of Institutions of Higher Education. Under the leadership of our new president, Dr. David Munson, Jr., we have embarked on new partnerships, and set even loftier goals for our faculty research and scholarship.

The scholarly and artistic efforts within this report continue to have a profound impact within the local communities, and contribute to the greater good our global society. This work, which ranges from making our university and our communities more sustainable, to understanding the very fabric of our universe, engages students in ways that prepare them for our ever-changing world.

Our vision for the future guides the upward trajectory of our existing disciplines and interdisciplinary programs, and provides the groundwork on which we can build new signature research areas and centers to address the challenges facing our world in the future. As we grow our graduate enrollment and to attract top students and faculty, the research and artistic efforts will only grow in number and in quality. The application of these pursuits will place our faculty and our students at the forefront of the global economy.

RIT faculty engaged in this important work establish new opportunities for the university, and prepare our students for the next stage of their careers. It is through these diverse scholarly pursuits that students and faculty are able to collaborate across disciplinary frontiers, and bring new insights and perspectives to their work. It is with great pride that I present this report highlighting our faculty’s scholarly achievements during 2017.

JEREMY HAEFNER, PH.D.
Provost and Senior Vice President for Academic Affairs
Rochester Institute of Technology
COMPUTER SCIENCE

Reynold J Bailey, Associate Professor


Ivona Bezakova, Associate Professor


Hans-Peter Bischof, Professor

Joe Geigel, Professor


Edith Hemaspaandra, Professor


Hadi Hosseini, Assistant Professor


Peizhao Hu, Assistant Professor


Dr. Mehdi Mirakhorli is an Assistant Professor in the Department of Software Engineering and Center for Cybersecurity in the Golisano College of Computing and Information Sciences.

His research spans software architecture design, software security, privacy, and safety. Dr. Mirakhorli’s research is mainly supported by the National Science Foundation (NSF) and the US Department of Homeland Security (DHS). He is the recipient of two ACM SIGSOFT Distinguished Paper Awards and one Best Paper Award. Furthermore, Dr. Mirakhorli has been a speaker in several technical venues such as ALTA Distinguished Speaker at Alcatel-Lucent, government-sponsored technical briefings on issues related to software security and safety as well as various academic venues.

His laboratory includes a diverse body of undergraduate, and graduate students working on the development of novel scientific techniques as well as tools to enhance software quality attributes such security, privacy, and safety.

On a current project sponsored by the US Department of Homeland Security, Dr. Mirakhorli is developing new approaches to identify architectural vulnerabilities that can open backdoors into applications. This works enhances the state of the art and practice in the area of software security as it takes an architecture-first-approach to software security. Current tools and techniques have a low-level source code based approach. However, it is difficult to achieve a high level of any system quality by focusing solely on coding. Architectural vulnerabilities can overwhelm even the most heroic coding efforts, and ignoring such issues will result in a backdoor for attackers to get access to sensitive information. Dr. Mirakhorli’s work in this area is a recipient of a Best Paper Award.

In another recent project, Dr. Mirakhorli’s team are collaborating with medical device industry on a Medical Device Development Tool Kit that uses artificial intelligence, data mining, and information retrieval techniques help the manufacturer demonstrate that the device is in compliance with FDA regulations, is free from risks that can lead to physical hazards. Before a medical device can be used in the clinical environment, the manufacturer must demonstrate that the device provides a medical benefit in routine clinical use, and also the device is hazard free. Demonstrating that a device is safe, and reliable systems is difficult. Certification and regulatory agencies routinely require full life-cycle traceability for the demonstration of fitness. Dr. Mirakhorli’s work in this area is the recipient of ACM SIGSOFT Best Paper Award.

In another NSF funded project, Dr. Mirakhorli is collaborating with Dr. Nenad Medvidovic, professor of computer science, from the University of Southern California, Dr. Sam Malek, associate professor of computer science, from the University of California at Irvine, and Dr. Josh Garcia, Associate Scientist, from University of California at Irvine. In this project, this team of researchers is developing a Community-Wide Software Architecture Instrument (SAIN). The goal of SAIN is to enable innovative research in the domain of software engineering.

Dr. Mehdi Mirakhorli
Assistant Professor
RIT Golisano College of Computing and Information Sciences
Minseok Kwon, Associate Professor

**Peer Reviewed/Juried Poster Presentation:**


Rajendra Raj, Professor


Stanislaw Radziszowski, Professor


Carlos Rafael Rivero Osuna, Assistant Professor


DEPARTMENT OF COMPUTING SECURITY

H.B. Acharya, Assistant Professor


Sumita Mishra, Associate Professor


Bo Yuan, Associate Professor


INFORMATION SCIENCES AND TECHNOLOGIES

Daniel Ashbrook, Assistant Professor


Catherine I Beaton, Associate Professor


Dan Bogaard, Associate Professor


Erik Golen, Visiting Assistant Professor


Vicki L Hanson, Professor


Invited Keynote/Presentation: Hanson, Vicki L. "ACM President's Address." CHI conference. ACM Special Interest Group in HCI. Denver, CO. 5 May 2017. Address.


Invited Article/Publication: Hanson, Vicki L. "Celebrating 50 years of the Turing Award." Communications of the ACM. (2017). Print.


Invited Article/Publication: Hanson, Vicki L. "Celebrating 50 Years of the ACM Turing Award." Information Processing Society of Japan Newsletter. (2017). Print. Δ


Invited Keynote/Presentation: Hanson, Vicki L. "To Accessibility and Beyond." University Address. Newcastle University. Newcastle Upon Tyne, United Kingdom. 11 Jul. 2017. Address. Δ

Lawrence W Hill, Associate Professor


External Scholarly Fellowships/National Review Committee:
2/1/2017 - 2/1/2018
Google Faculty Research Awards Program
Amount: $56,902
*


Jai W Kang, Associate Professor


Kristina Marasovic


Tae Oh, Associate Professor


Brian Tomaszewski, Associate Professor


External Scholarly Fellowships/National Review Committee:
5/30/2017 - 5/31/2017
National Science Foundation Office of International Science and Engineering (OISE)
Amount: $3000
*

External Scholarly Fellowships/National Review Committee:
4/15/2017 - 4/17/2017
National Institute of Standards and Technology (NIST) - Public Safety Innovation Accelerator Program
Amount: $2000
*

Qi Yu, Associate Professor


Ronald P Vullo, Associate Professor


Steve Zilora, Associate Professor


PHD PROGRAM

Rui Li, Visiting Assistant Professor


Linwei Wang, Associate Professor


SCHOOL OF INTERACTIVE GAMES AND MEDIA

Adrienne Decker, Assistant Professor


External Scholarly Fellowships/National Review Committee:

8/1/2017 - 7/31/2020
National Science Foundation
Amount: $33,140 *


Christopher Egert, Associate Professor


Owen A Gottlieb, Assistant Professor


Published Game, Application or Software:

Published Game, Application or Software:


Published Game, Application or Software:


Stephen Jacobs, Professor


Published Game, Application or Software:

David Schwartz, Associate Professor


SOFTWARE ENGINEERING

Daniel Krutz, Lecturer


Mohamed Wiem Mkaouer, Assistant Professor


CIVIL ENGINEERING TECHNOLOGY, ENVIRONMENTAL MANAGEMENT AND SAFETY

Amanda Bao, Associate Professor


Josh Goldowitz, Professor


Lisa L Greenwood, Lecturer


md Abdullah Al Faruque, Associate Professor


Harry G Cooke, Associate Professor


Jennifer Schneider, Professor


Muhammet Kesgin is an assistant professor in the department of hospitality and tourism management.

Kesgin’s professional background in higher education and the industry spans internationally. He received his B.S. from Akdeniz University in Turkey and Ph.D. from Coventry University in the United Kingdom. He is an experienced hospitality professional, having worked in various roles in four countries before moving into higher education as a Lecturer at Akdeniz University in Turkey. He was an Adjunct Lecturer at Buckinghamshire New University in the United Kingdom before joining RIT in 2013.

His research primarily focuses on destination marketing and tourist behavior, with special emphasis on visitor attractions, visitor experience design, and visitor engagement. His research has appeared in the *Journal of Revenue & Pricing Management*, *Journal of Destination Marketing & Management*, and *Tourism: An International Interdisciplinary Journal*. His plan of work focuses on crises, disasters, and resilience management in hospitality and tourism with particular interest in demand-side considerations, such as crisis-resistant tourists. His additional research interests include technology integration in the marketing and delivery of hospitality and tourism services.

Kesgin involves undergraduate and graduate students in his research projects. He has encouraged and enabled his students to attend the Annual Graduate Education & Graduate Student Research Conference in Hospitality and Tourism. His work with graduate students and his undergraduate research assistant accounted for nine artifacts in 2016 and 2017. He collaborates with faculty and professionals locally at RIT, in Rochester and New York State, as well as those nationally, and internationally. He is currently working on five collaborative projects funded and supported by grants from RIT and CAST. These grants support student researcher salaries and help him continue to be on the forefront of recruiting, training, and mentoring undergraduate and graduate students in his research program.

Believing that university-industry collaboration plays a vital role to enhance innovation, he actively builds relationships and participates in partnerships with industry practitioners to benefit from knowledge exchange, such as RIT’s partnerships with the Genesee Country Village and Museum and the Seneca Park Zoo Society. He serves on the George Eastman Museum’s Marketing and Engagement Committee and Visit Rochester’s Research Task Force. He also disseminates his research findings to local authorities and industry practitioners during Visit Rochester’s Visitor Industry Council meetings. As chapter adviser of the Hospitality Financial and Technology Professionals (HFTP) RIT Chapter, he presented on a panel on the topic of “Student Engagement: Preparing Future Finance and Technology Leaders” at HFTP’s 65th Annual Convention in Orlando, Florida, on October 26, 2017. The aforementioned knowledge exchange efforts guide Kesgin to make more informed research decisions, leading to scholarly outcomes with practical implications.
**Maureen S Valentine, Professor**


**Professor Eastman**


**Miguel Bazdresch, Assistant Professor**


**DEAN’S OFFICE**


Song Hui Chon, Visiting Assistant Professor


Jeanne Christman, Associate Professor


Steven M Ciccarelli, Associate Professor


Mark J Indelicato, Associate Professor

SungYoung Kim, Assistant Professor


**External Scholarly Fellowships/National Review Committee:**
- 1/1/2017 - 12/31/2017
  - Yamaha Corporation
  - Amount: 11443

**External Scholarly Fellowships/National Review Committee:**
- 4/1/2017 - 3/31/2018
  - Yamaha Corporation
  - Amount: 10711


Drew Maywar, Associate Professor


Hospitality and Tourism Management

Yu-Chin J Hsieh, Associate Professor


Muhammet Kesgin, Assistant Professor


Rick Lagiewski, Assistant Professor


Manufacturing and Mechanical Engineering Technology

Martin K Anselm, Assistant Professor


**Betsy Dell, Associate Professor**


**Robert D Garrick, Professor**

Martin Gordon, Professor


Spencer Kim, Associate Professor


Christopher L Lewis, Assistant Professor


Ti-Lin Liu, Associate Professor


Michael J Parthum, Associate Professor


Brian S Rice, Assistant Professor


PACKAGING SCIENCE

Carlos Diaz-Acosta, Assistant Professor


Changfeng Ge, Professor


BIOMEDICAL SCIENCES

Cory A Crane, Assistant Professor


Bolaji Thomas, Associate Professor

**Journal Paper:** Thomas, Bolaji N. "Whole Genome Sequencing of Rhodotorula mucilaginosa Isolated from the Chewing Stick (Distemonanthus benthamianus): insights into Rhodotorula Phylogeny, Mitogenome Dynamics and Carotenoid Biosynthesis." PeerJ. (2917): e4030. Web. *

**Journal Paper:** Thomas, Bolaji N. "Genetic Diversity of CD14 Promoter Gene Polymorphism (rs2569190) is Associated With Regulation of Malaria Parasitemia and Susceptibility to Plasmodium falciparum Infection." Infectious Diseases: Research and Treatment. (2017): 1. Web. «


DIAGNOSTIC MEDICAL SONOGRAPHY

Hamad Ghazle, Professor


MEDICAL ILLUSTRATION

James Perkins, Professor


PHYSICIAN ASSISTANT

Melodie J Kolmetz, Assistant Professor


John B Oliphant, Assistant Professor


WEGMANS SCHOOL OF HEALTH AND NUTRITION

Barbara A Lohse, Professor


Laurence Sugarman traveled an unusual route to academia. He started as a hospital laboratory technician, completed physician assistant instruction, earned his M.D. *magna cum laude* from University of Missouri-Columbia, trained in pediatrics at the University of Rochester, then established a pediatric community practice. Insisting primary care is primary mental health care, his was the first local pediatric practice to share clients with a group of clinical psychologists onsite. During 30 years of clinical practice, Dr. Sugarman’s promotion of person-centered strategies to foster self-regulation with medical therapy garnered recognition. While teaching worldwide, Dr. Sugarman produced an award-winning documentary, *Hypnosis in Pediatric Practice*, then co-authored and edited, with William Wester, *Therapeutic Hypnosis with Children and Adolescents*.

In 2011, President Destler tasked Sugarman to develop an intervention to help RIT students self-regulate stress. Funded by the Flutie and Golisano Foundations, the ensuing “Minding Anxiety Project” (MAP) demonstrated the feasibility of student-tailored autonomic biofeedback training. MAP students reported significant improvement and satisfaction with acquired stress management skills.

Since then, Sugarman has contributed award-winning papers and guest-edited professional journals in an effort establish more empiric biological bases for clinical hypnosis and provide innovative professional pedagogy and training in its use. This content extends to his undergraduate CHST Biomedical Science courses, “Applied Psychophysiology” and “Placebos, Research, Suggestion and Health.”

Sugarman’s interest in self-regulation is helping youth with autism spectrum disorder (ASD). Observing both autonomic diversity and benefit from autonomic biofeedback training in youth with ASD, Sugarman has posited autonomic dysregulation as ASD’s core, unifying impairment. With colleague Stephen Jacobs (MAGIC), he has led efforts to create and pilot (1) an algorithm and method for dynamically tuning biofeedback channels to the strengths of the user and (2) novel ASD-directed graphical user interfaces for biofeedback training.

Collaborating with RIT’s MAGIC and St. John Fisher College’s Wegmans School of Nursing, Sugarman is developing and testing two mobile health apps. A tracking app augments therapy for youth with anxiety and ASD. Another aims to relieve chronic pain and improve well-being with user-directed hypnosis skills.

Taken together, this work reflects Sugarman’s larger commitment to drive the current allopathic, reactive model of health care—rife with epidemic substance abuse, increasing expense and decreasing access—towards a more integrative, person-centered and cost-effective paradigm.

Laurence Sugarman
Program Researcher
RIT College of Health Sciences and Technology


Peer Reviewed/Juried Poster Presentation:
SCHOOL FOR AMERICAN CRAFTS

Andy Buck, Professor


Juan Carlos Caballero-Perez, Professor


Peter J Pincus, Visiting Assistant Professor


Adam R Rogers, Visiting Assistant Professor


David A Schnuckel, Lecturer


Christye Sisson is Program Chair and Associate Professor for the Photographic Sciences program, a Bachelor of Science program in the School of Photographic Arts and Sciences in CIAS. She is also the Ronald and Mabel Francis Endowed Chair for Photographic Technology.

She has a Bachelor of Science in Biomedical Photographic Communications and a Master of Science in Information Technology, both from RIT. Her professional background is as a Certified Retinal Angiographer (CRA), a clinical designation for expertise in the field of ophthalmic imaging.

Her current research involves her role as PI in Project Medisphere, a portion of a larger government-sponsored project in Media Forensics (Project MediFor) (https://www.darpa.mil/program/media-forensics). The project is aimed at creating a single, online tool for use by government and law enforcement agencies to detect if an image (or video) has been manipulated or altered, and how it has been altered. The project (called MediFor, short for Media Forensics) involves many universities, private organizations, and contractors from all over the world.

The recent advent of “fake news” and the sheer number of imaging devices in the hands of citizen journalists, combined with the ease of image manipulation, have meant that images in the digital era are losing credibility as public trust in imagery is eroded. Additionally, government and forensic agencies must often rely on third party experts to analyze images brought in as evidence, as many media forensic algorithms require expert application and “triage,” to determine what algorithm might best be applied for a particular image.

RIT and the Photographic Science’s role is unique in this project, in that we are providing the manipulations for the other teams to test their algorithms of detection. Eight undergraduate students from The School of Photographic Arts and Sciences and the School of Film and Animation are currently employed by the project. The project also involves the Imaging Science department at RIT to help “cover our tracks” to replicate what real life manipulators, with the intent to deceive, might attempt.

RIT’s primary task is journaling; which is the term used to describe creating and chronicling image manipulations. Manipulations are performed using HP sources and tools such as Photoshop, GIMP, Premiere, AfterEffects or some other editor. In addition to the manipulation itself, the manipulation is “journaled”, chronicling each step taken in performing the manipulation. This tool creates a visual map with masks of each step that acts as a “cheat sheet”. The whole file is then uploaded back to the same browser, where the students can instantly see how the manipulation fared against some standard algorithms of detection. This feedback allows the students to instantly see how well they did (or didn’t do) in escaping detection. Our overarching task is to create manipulations of a certain number, type and category; ranging from challenging to rudimentary; the goal is to mimic what is found in real life.

Christye has also recently completed a textbook, *Ophthalmic Imaging: Posterior Segment Imaging, Anterior Eye Photography, and Slit Lamp Biomicrography*. She has also was recently awarded a patent in “Automated Fundus Image Field Detection and Quality Assessment” (https://patents.justia.com/patent/9905008) along with partners from the University of Rochester and RIT’s Imaging Science.


**Jane M Shellenbarger, Assistant Professor**


**SCHOOL OF ART**

**Michael Amy, Professor**


Emily L Glass, Visiting Assistant Professor


Donivan Howard, Visiting Assistant Professor


Elizabeth Kronfield, Professor


Heidi Nickisher, Senior Lecturer


Lauren Ramich, Visiting Assistant Professor


Alan D Singer, Professor


Sarah E Thompson, Associate Professor


Amy L Williams


SCHOOL OF DESIGN

Rebecca A Aloisio


Meghdad Asadilari, Visiting Assistant Professor


Deborah A Beardslee, Associate Professor


Nancy A Bernardo, Assistant Professor


Miguel A Cardona, Visiting Assistant Professor


Shaun C Foster, Associate Professor


Lorrie Frear, Associate Professor


Mary E Golden, Assistant Professor


Chris Jackson, Professor


Alex Lobos, Associate Professor


Hema Madaka


Melissa D Moukperian, Assistant Professor


Hye Jin Nae, Assistant Professor


Marla Schweppe, Professor


SCHOOL OF FILM AND ANIMATION

Ambarien Alqadar, Assistant Professor


Cathleen Ashworth, Professor


Jack A Beck, Associate Professor


Thomas D Gasek, Associate Professor


Brian J Larson, Associate Professor


David L Long, Associate Professor


Peter T Murphey, Assistant Professor

**Shows/Exhibits/Installations:** Murphey, Peter. "\"Seen Again\"." Animated Film. n.d. Film Festivals Various Cities, New York, Chico, Toronto, Kansas City, Los Angeles, Athens (Greece). Exhibit. £

Syeda A Quadri, Assistant Professor

**Shows/Exhibits/Installations:** Multiple. The Character Mosaic Project. By Atia Newman and Mark Reisch. n.d. online, Rochester. Installation. ≠

Mark J Reisch, Lecturer


SCHOOL OF MEDIA SCIENCES

Christopher Bondy, Visiting Assistant Professor


Shu Chang, Visiting Assistant Professor


**Journal Editor:** Associate-Editor, Shu Chang,. ed. Journal of Imaging Science and Technology. Springfield, VA: JISTEditor@imaging.org, 2017. Web. *


**Twyla Cummings, Professor**


**Elena A Fedorovskaya, Visiting Assistant Professor**


Myrtle R Jones, Assistant Professor


Bruce Myers, Assistant Professor


SCHOOL OF PHOTOGRAPHIC ARTS & SCIENCES

Frank J Cost, Professor


Denis Defibaugh, Professor


Rachel J Ferraro, Lecturer


**FACULTY SCHOLARSHIP REPORT 2017**


**Ted M Kinsman, Assistant Professor**


**Joshua H Meltzer, Assistant Professor**


**Mary T Mulligan, Professor**


**Michael R Peres, Professor**


**Christye P Sisson, Associate Professor**


**Joshua J Thorson, Assistant Professor**


**J A Stephen Viggiano, Assistant Professor**


**Catherine Zuromskis, Assistant Professor**


**DEAN'S OFFICE**

*Laverne McQuiller, Professor*


*James Winebrake, Professor*


**DEPARTMENT OF COMMUNICATION**

*Eun Sook Kwon, Assistant Professor*


*Hinda B Mandell, Assistant Professor*


*Bonnie J Mc Cracken*


*Rudy Pugliese, Professor*


**Jonathan Schroeder, Professor**


**Published Review:** Schroeder, Jonathan E. "Rock Covers, by Robbie Busch, Jonathan Kirby, and Julius Wiedemann." Rev. of Rock Covers, by Robbie Busch, Julius Wiedemann, and Jonathan Kirby. Visual Communication Quarterly 2017: 60-61. Print. £


As a Clinical Psychologist, her research focuses on developmental pathways to risk and resilience, especially within early development from pregnancy to early childhood. In particular, she is interested in how parent and family influences impact the development of psychopathology. For example, how parent substance use, discipline practices, and partner relationships may impact the development of mental health problems in childhood, such as aggression and Attention-Deficit/Hyperactivity Disorder. In order to address her questions regarding developmental psychopathology, she utilizes a variety of assessment methodologies, such as parent-child interaction paradigms, as well as statistical procedures, including structural equation modeling. The ultimate goal of her work is to create community intervention and prevention programs.

Student centered research is at the heart of her work, both inside and outside of the classroom. Her goal is for students to further hone their skills to be able to critically and creatively face new classes and challenges. Student involvement in research and gaining exposure to empirical work are central to her courses and lab work.

She is currently working on one grant funded project as a Co-Investigator and several collaborative projects. The funded project titled “Developmental Pathways of Violence and Substance Use in a High Risk Sample” focuses on developmental pathways leading to weapon carrying, violence and victimization, and substance use in adolescence. She is also working on a collaborative project with Dr. Cory Crane investigating violence, partner relationships, and substance use among emerging adults. An additional collaborative project with Dr. Joseph Baschnagel examines social cognition and psychophysiology in order to better understand impulsive emotional and social behavior. Drs. Baschnagel and Godleski have also started the RIT Health and Addiction Research Center (HARC) which they created, as co-directors, to facilitate research and advancement of knowledge in health and addictions through community partnerships and interdisciplinary collaboration.

Stephanie Godleski
Assistant Professor
RIT College of Liberal Arts


Tracy Worrell, Associate Professor


DEPARTMENT OF CRIMINAL JUSTICE

Laverne McQuiller, Professor


Christopher Schreck, Professor


DEPARTMENT OF ECONOMICS

Amit Batabyal, Professor


National/International Competition Award


External Scholarly Fellowships/National Review Committee: 6/1/2017 - 8/31/2017
Charles Koch Foundation
Amount: $10,000
£


**Bharat Bhole, Associate Professor**


**Javier Espinosa, Associate Professor**


**Eddery Lam, Assistant Professor**


**Jeffrey Wagner, Professor**


**DEPARTMENT OF ENGLISH**

**Cecilia Alm, Assistant Professor**


**A.J. Caschetta, Senior Lecturer**


Trent Hergenrader, Assistant Professor


Laura A Shackelford, Associate Professor


DEPARTMENT OF HISTORY

Tamar Carroll, Assistant Professor

Rebecca Edwards, Professor


Rebecca Scales, Associate Professor


DEPARTMENT OF PERFORMING ARTS AND VISUAL CULTURE

Juliee Decker, Associate Professor


Rebecca J DeRoo, Assistant Professor


DEPARTMENT OF PHILOSOPHY

Silvia Benso, Professor


Evelyn Brister, Associate Professor


John Capps, Professor


Irina G Mikhalevich


Katie Terezakis, Associate Professor


DEPARTMENT OF POLITICAL SCIENCE

Benjamin Banta, Assistant Professor


Sarah M Burns, Assistant Professor


Nathan Dinneen, Assistant Professor


**DEPARTMENT OF PSYCHOLOGY**

**Joseph S Baschnagel, Associate Professor**


**Caroline M DeLong, Associate Professor**


73
Nicholas DiFonzo, Professor


Stephanie A Godleski, Assistant Professor


Rebecca Houston, Assistant Professor


Edona Maloku


External Scholarly Fellowships/National Review Committee:
- 10/1/2017 - 3/31/2018
  - Global Challenge Research Fund (GCRF), with Laura Taylor, Jocelyn Dauntel & Ana Tomovska
  - Amount: £55,646 ≠

Scott P Merydith, Professor

Vincent Pandolfi, Associate Professor


Esa Rantanen, Associate Professor


Audrey M Smerbeck, Assistant Professor


Tina M Sutton, Assistant Professor

DEPARTMENT OF SCIENCE TECHNOLOGY AND SOCIETY/ PUBLIC POLICY

Christine Keiner, Associate Professor


Qing Miao, Assistant Professor


DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Conerly Casey, Associate Professor


Christine Kray, Associate Professor


Uli Linke, Professor


COLOR SCIENCE

Mark Fairchild, Professor


Susan Farnand, Visiting Assistant Professor


Michael J Murdoch, Assistant Professor


SCHOOL OF CHEMISTRY AND MATERIALS SCIENCE

**Matt Miri, Associate Professor**


SCHOOL OF MATHEMATICAL SCIENCES

**Nathaniel S Barlow, Assistant Professor**


**Michael E Cromer, Assistant Professor**


**David Ross, Professor**


SCHOOL OF PHYSICS AND ASTRONOMY

**Mishkatul Bhattacharya, Assistant Professor**


**M Kotlarchyk, Professor**


THOMAS H. GOSNELL SCHOOL OF LIFE SCIENCES

**Gregory Babbitt, Assistant Professor**

**Peer Reviewed/Juried Poster Presentation:** Babbitt, G.A. "Triplicon Codon Organization Optimizes the Impact of Synonymous Mutation on Nucleic Acid Molecular Dynamics." Proceedings of the Society for Molecular Biology and Evolution. Ed. SMBE. Austin, TX: SMBE. £


Dr. Thurston and his collaborators are focused on gaining a deeper understanding of the quantitative, physical nature of interactions among protein molecules and other biological macromolecules, about how these interactions affect the nature of their liquid solutions, and about the relationships of these interactions to normal and pathophysiology. Remarkably small changes in protein interactions can trigger phase transitions and other changes that underlie diseases including cataract, sickle-cell disease, amyotrophic lateral sclerosis, and dozens of others. To quantitatively understand the physics of the molecular interactions and kinetics that underlie each of these diseases, new experimental and theoretical tools are needed in order to gain more refined knowledge about the intermolecular forces, the probabilistic liquid and other structures, and the statistical thermodynamics of the concentrated mixtures of biological molecules that are relevant in each case.

Among RIT faculty collaborators, Dr. Thurston is working closely with Drs. David Ross and John Hamilton of the School of Mathematical Sciences, Drs. Lea Michel and Jeffrey Mills of the School of Chemistry and Materials Science, Drs. Michael Kotlarchyk, Moumita Das, and Scott Franklin of the School of Physics and Astronomy, and Dr. Greg Babbitt of the Gosnell School of Life Sciences. He also has many national and international collaborators.

One area of Dr. Thurston’s research is to develop new experimental methods. Dr. Thurston, Dr. Chris Wahle, Dr. Ross, and Dr. Carl Lutzer have developed and are continuing to refine the basis for using static light scattering to non-invasively measure the Gibbs free energy of mixing of ternary and quaternary liquid mixtures. Drs. Kotlarchyk and Thurston are developing the groundwork for combining neutron scattering and nuclear magnetic resonance instrumentation to enable more refined measurements of molecular and liquid structure. With collaborators in the U.S. and abroad, Dr. Thurston is adapting X-ray photon correlation spectroscopy (XPCS) to measure dynamics of concentrated solutions of biological macromolecules at the length scale of molecular separations. In recent publications in this latter area, they have applied many techniques including XPCS, light scattering, X-ray scattering, computer simulation, and viscometry to characterize a glass transition in eye lens protein solutions, which could underlie the age-related condition of presbyopia.

Dr. Thurston and collaborators have focused on probing intermolecular interactions that are responsible for the normal transparency of the eye lens, which can also lead to enhanced light scattering in cataract disease, a leading cause of blindness. These investigations aim to develop general methods that will be applicable to other systems. In recent work, they have created quantitatively accurate, molecular-property based models for the liquid structure, thermodynamics, and light scattering of realistically concentrated mixtures of two of three major mammalian eye lens proteins. They are also developing a framework for understanding how the continually changing charge patterns of proteins and other biological macromolecules affect their phase transitions and other properties. In ongoing work, they are developing nuclear magnetic resonance tools to quantitatively probe intermolecular interactions in a fashion that can complement X-ray and neutron scattering. Finally, with Drs. Das, Franklin, Ross, and several students, they are working on the factors that influence whether the vitreous of the eye is in a gel or liquid state, conditions that are also thought to lead to blindness.

This work involves many disciplines within physics, including statistical physics, electromagnetism, quantum mechanics, and mechanics. The same is true for the relevant mathematics, chemistry, and biology. As Dr. Thurston is fond of saying, nature does not care how we have divided the disciplines. The electrons obey the laws of quantum mechanics even when they are in the living cell, a guiding principle that points to the truly vast universe within, about which we know relatively little.

**Larry Buckley, Associate Professor**


**Feng Cui, Assistant Professor**


**Irene Evans, Professor**


**Feng Cui, Assistant Professor**


**Irene Evans, Professor**


**Feng Cui, Assistant Professor**


**Irene Evans, Professor**


**Elizabeth Hane, Associate Professor**


** Andre Hudson, Associate Professor**


**Karl Korfmacher, Professor**


Leslie Kate Wright, Associate Professor

Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:


ARCHITECTURE

Dennis A Andrejko, Associate Professor


J Chiavaroli, Professor


PHD IN SUSTAINABILITY

Callie Babbitt, Associate Professor


External Scholarly Fellowships/National Review Committee:

1/1/2017 - 1/31/2018
Consumer Technology Association
Amount: $90,000


Roger B Chen, Assistant Professor


**Peer Reviewed/Juried Poster Presentation:**


Carli D Flynn

Roger Chen received his PhD from the University of Maryland, College Park, and BS and MS degrees from the University of Texas at Austin, all in Civil and Environmental Engineering. His research agenda focuses on sustainable mobility and communities, specifically modeling traveler decisions and interactions with the built and natural environments. Roger is currently an active member and communications coordinator of the NASEM TRB Standing Committee ADB20, on Information and Communication Technologies (ICT) and Travel.

His current research which spans broad areas related to sustainable mobility with collaborators across the RIT campus, and is funded by the UTC Program, USDOT and NSF. Currently his research is funded by an NSF-INFEWS project in collaboration with Prof. Callie Babbitt and Prof. Tom Trabold in GIS considering shifts in transportation logistics to meet the new complexities of food waste management. He is also involved with a second NSF project in collaboration with Prof. Eric Williams in GIS and Prof. Eric Hittinger in CLA and aims to understand how economic and carbon benefits of energy technology vary by household and location.

Recent research topics include examining the interrelationships among: (i) Sense of Place (SOP); (ii) non-motorized access or visits; and (iii) adoption and use of mobile information and communication technologies (ICT) with RIT collaborators, including Prof. Juliee Decker from CLA and Dr. Carli Flynn from GIS. His research also examined eco-driving with Prof. Katie McConky from KG-COE, which has increasingly impacted commercial transport providers, as new forms of vehicle automation and more driver-centric feedback emerge. A third area of recent research includes collaboration with Prof. Nick Robalino of CLA, characterizing the role social networks play in motivating resiliency in transportation infrastructures with shared mobility options.

Finally, Roger engages continuous to analyze data collected from information rich sensor-embedded infrastructure systems, such as smart EV charging stations and automated transit fare collection systems. He is particularly interested in understanding the unfolding trajectories these data reveal about transportation systems that gradually evolve towards an autonomous techno-social ecosystem. The methodological tools developed blend econometric and machine learning/data mining approaches. To the extent possible, digital qualitative data scraped from the internet, such as online reviews and comments, is folded into the analysis to provide context and interpretation. The end products include metrics and user-centric decision-making tools for supporting decisions at all levels, from individual travelers to institutional organizations.

Roger Chen
Assistant Professor
RIT Golisano Institute of Sustainability


Thomas Trabold, Associate Professor


External Scholarly Fellowships/National Review Committee:
- 10/1/2017 - 12/31/2018
- Ford Motor Company
- Amount: $18,000

RESEARCH CENTERS

Mark A Krystofik


Nabil Nasr, Professor


RIT CROATIA

Vanda Bazdan


Luka Borsic


Ambroz Ćivljak


Nikola Draskovic


MILENA X KUZNIN


Milivoj Markovic


Branko Mihaljevic


Evelina Miščin


Jakob Patekar


Jasminka Samardžija


Maja Vidovic, Ph.D. is a Lecturer at RIT Croatia and an Adjunct Lecturer at The Pennsylvania State University, USA. Her research and teaching is focused in the area of Human Resource Management (HRM) in general, and International HRM specifically.

Maja obtained her B.Sc., M.Sc. and Ph.D. degrees at the University of Zagreb, Faculty of Economics and Business, with all three degrees focusing on HRM. She worked as an assistant/senior assistant at the same university for 12 years. Continued her career as faculty at the Penn State University on a post-doctoral teaching fellow position, and later as an adjunct instructor at their online program. Since Fall 2015, she has been employed as a Lecturer at RIT Croatia.

At RIT Croatia Maja teaches introductory course Business 1, as well as courses Organizational Behavior and Human Resources Management, with the latter two also being offered as an online option. At Penn State, she is teaching International Human Resource Studies online course. In her classroom (both real and virtual one) Maja focuses on developing critical thinking and understanding by encouraging students to re-think the concepts they encounter through her courses. In her in-class courses, she applies flipped classroom approach and has received a recognition for her work in the form of The Best Teacher Award in 2017.

Maja Vidovic has been a member of organizing committees for several scientific conferences, both in Croatia as well as in the US, and is the author of several book chapters and many scientific papers. In the year 2016/2017, Maja has authored four book chapters (one of them published by Pearson, and one by Routledge), has been a guest editor for a special issue in the Current Contents listed journal, published one paper in the CC listed journal, and presented one paper at a conference.


Maja Vidovic


RIT DUBAI

Charalampos Manifavas


Jonathon Penny


Mohamed A Samaha


BIOMEDICAL ENGINEERING

Vinay V Abhyankar


Iris Asllani, Assistant Professor


Steven Day, Associate Professor


Thomas R Gaborski, Assistant Professor


Alfonso Fuentes is an associate professor in the Department of Mechanical Engineering in the Kate Gleason College of Engineering. His main research interests lie in the development of computational tools for advanced gear design, simulation of meshing and contact, and finite element analysis of any type of gear drive.

Although gears are one of the oldest mechanical components, the technology of gear design and simulation is still facing many challenges and a constant pressure to achieve better designs with lower levels of noise and vibration with extended life or higher power density. In this regard, Dr. Fuentes accumulates more than twenty years of experience facilitating further understanding of the processes of gear generation and micro-geometry modifications as well as providing the computational tools that gear designers need to improve existing designs or develop new ones with better conditions of meshing and contact.

Dr. Fuentes is involved in the development of improved gear transmissions applied in helicopter, marine, and automotive industries, development of enhanced design technologies for all types of gears, and the development of IGD – Integrated Gear Design – as the ultimate computer program for advanced gear design, analysis, and simulation of any type of gear drive. He maintains an active collaboration with the Enhanced Gear Drives Research Group (GITAE) of the Polytechnic University of Cartagena, which he founded in 2002. His research has been recognized with several awards, including a NASA Tech Brief Award in 2004 for the development of a new technology entitled “New Geometry of Face Worms Gear drives with Conical and Cylindrical Worms” and the Thomas Bernard Hall Prize in 2001 which was granted by the Institution of Mechanical Engineers of London to authors of outstanding papers dealing with invention, design, or research in Mechanical Engineering.

Dr. Fuentes has authored two research books and more than a hundred publications including journal articles, conference papers, and technical reports. He is coauthor of the book *Gear Geometry and Applied Theory* with Dr. Faydor L. Litvin, which has accumulated more than 2,400 citations so far. Since 2015, he has been the gear and cam subject editor for the journal *Mechanism and Machine Theory*.

Alfonso Fuentes
Associate Professor
RIT Kate Gleason College of Engineering


Blanca H Lapizco-Encinas, Associate Professor


Cristian A Linte, Assistant Professor


Anju R Gupta, Assistant Professor


Brian Landi, Associate Professor


CHEMICAL ENGINEERING

Doreen D Edwards, Professor


Poornima Padmanabhan


Reginald E Rogers, Assistant Professor


**Invited Keynote/Presentation:** Rogers, Reginald E. National Organization for the Professional Advancement of Black Chemists and Chemical Engineers. Henry C. McBay Outstanding Teacher Award. Minneapolis, MN. 2017.


Steven Weinstein, Professor


Yasemin D Yilmazel, Assistant Professor

COMPUTER ENGINEERING

Amlan Ganguly, Associate Professor


**Dhireesha Kudithipudi, Associate Professor**


**Raymond W Ptucha, Assistant Professor**


Shanchieh Yang, Professor


**ELECTRICAL AND MICROELECTRONIC ENGINEERING**

**Eli Saber, Professor**


**Gill Tsouri, Associate Professor**


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

- 7/1/2017 - 6/30/2021
- NIH-DHHS (RO1 Program)
- Amount: $764K

**Jayanti Venkataraman, Professor**


**INDUSTRIAL AND SYSTEMS ENGINEERING**

**Nasibeh Azadeh Fard, Visiting Professor**


**Denis Cormier, Professor**


**Marcos Esterman, Associate Professor**


Katie T McConky, Assistant Professor


**Ruben Proano, Associate Professor**


**Ehsan Rashedi, Assistant Professor**


**Rachel T Silvestrini, Associate Professor**


**MECHANICAL ENGINEERING**

**Brian Thorn, Professor**


**Stephen Boedo, Professor**


**Alfonso Fuentes Aznar, Associate Professor**


Hany Ghoneim, Professor


Surendra Gupta, Professor

Edward C Hensel Jr., Professor


Patricia Iglesias Victoria, Assistant Professor


Peer Reviewed/Juried Poster Presentation:

Peer Reviewed/Juried Poster Presentation:

Satish Kandlikar, Professor


Alexander S Liberson, Associate Professor


Risa Robinson, Professor


MICROSYSTEMS ENGINEERING

Mustafa A Abushagur, Professor


Parsian Katal Mohseni, Assistant Professor


Stefan F Preble, Associate Professor


ACADEMIC AFFAIRS

Kathryn Schmitz, Associate Professor


AMERICAN SIGN LANGUAGE AND INTERPRETING EDUCATION

Robyn D Dean, Assistant Professor


Joseph C Hill, Assistant Professor


Eric Kunsman, Lecturer


Kim Kurz, Associate Professor


Dr. Dye’s research program looks at how the experience of being deaf and using a sign language changes the way in which the brain processes visual information.

His PhD in Psychology was awarded in 2001 by the University of Southampton, where he conducted psycholinguistic research on British Sign Language. Moving to the United States in 2002, Dr. Dye completed a postdoctoral fellowship in Brain and Cognitive Sciences at The University of Rochester and then spent six years on the faculty at the University of Illinois before moving to RIT/NTID in 2015.

Since moving to the US, Dr. Dye’s work has focused on whether being born deaf means that you see better. His “deaf x lab” conducts research on brain reorganization in the face of altered sensory input, asking what happens to the brain areas and neural pathways associated with visual and multi-sensory processing when auditory input is missing. Most of his research looks at selective visual attention in deaf individuals, asking whether their greater reliance upon visual information means that their perceptual and cognitive systems are better able to select and process visual information. The lab’s working hypothesis is that this is indeed the case, especially when operating in environments where one would typically benefit from the integration of auditory and visual information, such as when monitoring peripheral vision. His research program now also includes temporal aspects of visual attention in deaf children, with an ongoing national longitudinal study funded by the National Science Foundation and a large scale study of sequence processing and neuroplasticity in deaf and hard-of-hearing college students funded by NIH.

The long-term goal of Dr. Dye’s research program is to inform effective intervention and educational approaches for deaf and hard-of-hearing children that play to their strengths and promote their linguistic, cognitive, and social health.


Jason D Listman, Assistant Professor


COMMUNICATION STUDIES AND SERVICES

Linda Gottermeier, Associate Professor


Manuscripts Submitted for Publication: Gottermeier, Linda and Carol DeFilippo. "Patterns of Aided Loudness Growth in Experienced Adult Listeners with Early-Onset Severe-Profound Hearing Loss." In Press. TS - typescript (typed). *


Grants: Gottermeier, Linda (2016-2017). Exploring automatic speech recognition technologies in an NTID classroom. Grant received/funded by PLIG, RIT. *

**Grants:** Gottermeier, Linda and Todd Pagano (2016-2017). Automatic Speech Recognition to Support Spoken Language Communication. Grant received/funded by SPDI, NTID.

**CULTURAL AND CREATIVE STUDIES**

**Erin Auble, Senior Lecturer**


**Joseph Bochner, Professor**


**Octavian E Robinson**


**Deirdre Schlehofer, Assistant Professor**


**ENGINEERING STUDIES**

**James R Fugate, Assistant Professor**


**Grants:** Tomaszewski, Brian, et al (2017-2020). REU Site: Geographic Information Systems (GIS) for Disaster Resilience Spatial Thinking. Grant received/funded by Research Experience for Undergraduate Sites (REU), NSF.
Dino J Laury (Lauria), Assistant Professor


**INFORMATION AND COMPUTING STUDIES**

James Mallory, Professor


**LIBERAL STUDIES**

Janine M Butler


Matthew W Dye, Assistant Professor


**Manuscripts Submitted for Publication:**


Pamela Kincheloe, Associate Professor


Rachel C Mazique, Lecturer


LIBERAL STUDIES - RESEARCH

Gerald Berent, Professor


Manuscripts Submitted for Publication:

Jessica Cuculick, Associate Professor


Vincent J Samar, Associate Professor


MSSE

Gerald Bateman, Professor


Christopher Kurz, Associate Professor


Sara Schley, Associate Professor


Grants: (coPI), S. Schley (2017-2020). Students with Disabilities and Pedagogical Practices of Teachers in 3 Regions of Haiti. Grant received/funded by PEER Cycle 6, USAID. ~

Michael E Skyer, Lecturer


Jessica W Trussell, Assistant Professor


MSSE - RESEARCH

Ronald Kelly, Professor


**Michael Stinson, Professor**


**OFFICE OF THE PRESIDENT**

**Kathryn Crowe**


**Invited Article/Publication:** Crowe, Kathryn. "Mamá, Mare, Nai, or Ama: Multilingualism E Implantes Cocleares [Mamá, Mare, Nai, or Ama: Language Choice and Cochlear Implants]." Integración. (2017). Print. Δ


Lisa Elliot, Research Associate Professor


Marc Marschark, Professor


Robert Pollard, Professor


Scott R Smith, Research Associate Professor


Peer Reviewed/Juried Poster Presentation:


Peer Reviewed/Juried Poster Presentation:


SCIENCE AND MATHEMATICS

Austin Gehret, Assistant Professor


Peer Reviewed/Juried Poster Presentation:

Bonnie Jacob, Assistant Professor


Viet Q Le, Assistant Professor


Matthew Lynn, Associate Professor


Manuscripts Submitted for Publication:

Keith Mousley, Associate Professor

Jason T Nordhaus, Assistant Professor


Todd Pagano, Professor


External Scholarly Fellowships/National Review Committee:
11/1/2017 - 12/5/2017
U.S. Dept. of State's Bureau of Educational and Cultural Affairs
Amount: $10000


Annemarie Ross, Associate Professor


VISUAL COMMUNICATIONS STUDIES

David S Cohn, Associate Professor


Paula Grcevic, Professor


Laural K Hartman, Lecturer


Eric Kunsman, Lecturer


Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art..., Will Give... 26 Apr. 2017. SRO Photo Gallery, Texas Tech University, Lubbock, TX. Exhibit. 


FACULTY SCHOLARSHIP REPORT 2017
Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art...., Will Give...  n.d. The Blackboard Gallery, Channel Islands, Camarillo, CA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Reflections of an Oncoming Storm.  n.d. The Atrium Gallery, Morristown, NJ. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art..., Will Give...  n.d. Barrett Art Center, Poughkeepsie, NY. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art..., Will Give...  n.d. Indiana University East, Whitewater Art Gallery, Richmond, Indiana. Exhibit. *


Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art..., Will Give...  n.d. Woodstock Photographic Arts Center, Woodstock, NY. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art..., Will Give...  n.d. NOS Citrus Fair Photography Contest, San Bernardino, CA. Exhibit. *


Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art..., Will Give...  n.d. Larson Gallery, Yakima Valley College, Yakima, WA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art..., Will Give...  n.d. LA Artcore, Los Angeles, CA. Exhibit. *

Shows/Exhibits/Installations: Kunsman, Eric T. Private | Now Back Go : Go Back | Private.  n.d. Webster Arts, St. Louis, MO. Exhibit. *


Shows/Exhibits/Installations: Kunsman, Eric T. Thou Art..., Will Give...  4 Nov. 2017. Center for Photographic Art, Carmel, CA. Exhibit. *


National/International Competition Award Winner: Kunsman, Eric T. LA Artcore. 3rd place. Los Angeles, CA, 2017. *


Sidonie M Roepke, Professor


Ernest J Roszkowski, Lecturer


Michael J Voelkl, Associate Professor

Shows/Exhibits/Installations: Voelkl, Michael J. ADK Late Afternoon. 22 Jan. 2018. Eastern Kentucky University, Richmond, Kentucky. Exhibit.

Andrea Zuchegno, Assistant Professor


ACCOUNTING

Sarah Geiss


Qian Song, Assistant Professor


Ke-an Wu, Assistant Professor


Rong Yang, Associate Professor


DECISION SCIENCES

Sarah Geiss


**A Erhan Mergen, Professor**


**ECONOMICS**

**Steven C Gold, Professor**


**FINANCE**

**Chun-keung Hoi, Professor**


**Zhijian Huang, Assistant Professor**


**Archana Jain, Assistant Professor**


**Ashok J Robin, Professor**

Colleagues and students call him Stan. Stan’s current research focus on the effects of social capital on corporations. In these endeavors, social capital refers to non-religious norms and social networks that exist in local geographical areas in which corporate headquarters are located. These research add to our understanding of how social influences affect corporations and bridge disciplines in social sciences including sociology, economics, finance, accounting, and management. Collectively, the research findings suggest that social norms and networks surrounding corporate headquarters exert influences that constrains corporate tax avoidance, promotes corporate social responsibility, and facilitates corporate debt contracting. One can find the resulting publications in the Journal of Accounting Research, the Journal of Business Ethics, and the Journal of Financial and Quantitative Analysis, respectively. Continuing with this inquiry, Stan and colleagues are exploring the effects of social capital on agency problems in corporations and on corporate innovation.

His other research focus on the causes and consequences of corporate tax avoidance. On one hand, Stan and colleagues find that irresponsible corporate culture encourages corporate tax avoidance. On the other hand, they find that corporate tax avoidance is costly to corporations because creditors demand higher interests when lending to firms with higher levels of tax avoidance. The resulting publications can be found in The Accounting Review and the Journal of Financial Economics, respectively. Marching on this path, Stan and colleagues are exploring the effects of state laws on corporate tax avoidance and the effects of tax avoidance on corporate directors.

**Stan Hoi**  
Assistant Professor  
RIT Saunders College of Business
Konstantin Sokolov


Hao Zhang, Associate Professor


INTERNATIONAL BUSINESS

Zhi Tang, Associate Professor


MANAGEMENT

Fernan R Cepero


Chih I Liu, Assistant Professor

Joy Olabisi, Assistant Professor


Michael Palanski, Associate Professor


Sandra Rothenberg, Professor


William R Stromeyer, Assistant Professor
MANAGEMENT INFORMATION SYSTEMS

Quang N Bui, Assistant Professor


Sean W Hansen, Associate Professor


Victor J Perotti, Professor


Bryan A Reinicke, Associate Professor


Yang Yu, Assistant Professor


MARKETING

Sorim Chung


Deborah Colton, Associate Professor


Vincent M Landers, Assistant Professor


Emi Moriuchi


Rajendran S Murthy, Associate Professor


CENTER FOR MULTIDISCIPLINARY STUDIES

Daniel W Worden, Visiting Assistant Professor


Daniel Worden studies media forms, like comic books, dime novels, and documentary, that blur traditional categories governing the study of literature and art. In his award-winning book, *Masculine Style: The American West and Literary Modernism*, he documents how the “cowboy masculinity” that emerged in 19th-century dime novel Westerns informed the development of American modernism, in works by writers such as Willa Cather, Ernest Hemingway, and John Steinbeck.

Daniel has also published three edited volumes that have allowed him to think more broadly about the field of American cultural studies. These three books, *The Comics of Joe Sacco, Oil Culture and Postmodern/Postwar—and After*, strive to solidify current shifts in multiple fields. *The Comics of Joe Sacco* presents a multidisciplinary approach to the comics journalism of one of the most acclaimed and political comics artists of our time. *Oil Culture* collects and articulates the central aims of “Oil Studies” in the humanities, as an outgrowth of and departure from ecocriticism and the environmental humanities. *Postmodern/Postwar—and After* definitively accounts for changes that are underway in the field of contemporary literary studies. All three projects share an interest in interrogating how art, literature, and culture relate to the material world. *Oil Culture* asks, for example, what cultural history would look like if it were periodized according to energy regimes: the age of coal, the age of American petroleum, the age of OPEC, the age of tar sands. *Postmodern/Postwar—and After* asks what contemporary literature looks like if we view postmodernism as just one aesthetic among many, rather than a catchall term for late 20th- and 21st-century literature. *The Comics of Joe Sacco* explores a major comics artist’s work, while also dwelling on how comics can represent historical events and serve as documentation of witness testimony and complex international conflicts in our contemporary moment.

At RIT, Daniel coordinates the Comics Studies Lecture Series in SOIS, and is developing new courses on the history of comics, documentary art, and American culture.

**Daniel Worden**  
Assistant Professor  
RIT School of Individualized Study