Creativity. Discovery. Innovation.

Faculty Scholarship

Highlights of the scholarly accomplishments of Rochester Institute of Technology faculty.

2009
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In an ordinary day, the extraordinary happens on the RIT campus. I see the extraordinary when I walk across the RIT campus and talk with our students and faculty. They are excited—and determined—to make a difference. They are why I am so positive about the paths ahead and I know that our future promises tremendous, far-reaching impact. Here at RIT, scholarship takes many forms as innovation and creativity are interwoven. We are, indeed, a place like no other. We are an innovation university.

RIT’s faculty have enthusiastically embraced the belief that students will have a richer educational experience if they are engaged in activities that offer creative, cross-disciplinary opportunities. In fact, our curriculum is designed to make certain that every student who comes to RIT has the opportunity to engage in innovative learning experiences. Excelling in research and excelling in teaching, our faculty are passionate about their disciplines and their role in both the lab and the classroom. They are innovative and resourceful. Our students are engaged in the process of discovery and the contribution of new knowledge to their fields—a commitment that would not be possible without the important scholarly projects of an outstanding, world-class faculty.

Inter- and cross-disciplinary works showcase a wide variety of scholarship that flows naturally from the diversity of the eight colleges at RIT. Here, computer scientists from the B. Thomas Golisano College of Computing and Information Sciences work alongside natural scientists from the College of Science and engineers in the Kate Gleason College of Engineering. Scholars in the humanities and social sciences from the College of Liberal Arts may team with the College of Applied Science and Technology and the National Technical Institute for the Deaf. Or you may find a team from the College of Business engaged in collaboration with photographers or furniture designers from the College of Imaging Arts and Sciences. Our commitment to academic excellence is reflected in the wide-ranging scholarship of our faculty—from publications of books and articles, laboratory experiments, and presentations at national and international conferences to original works of art. While our faculty members are immersed in the joy of discovery, they serve as models of lifelong learning for our students.

This is the first in what will be an annual review highlighting recent publications, scholarly presentations, exhibits, shows, and professional service. While it is not possible to publish a complete list of all accomplishments, my thanks and gratitude to each and every one for the work that is done every day on RIT’s campus—a place where education is strengthened through creativity, discovery, and innovation.

A complete list of scholarly activities of the faculty highlighted in this publication is available at www.rit.edu/academicaffairs/priorities.php.

*Our commitment to academic excellence is reflected in the wide-ranging scholarship of our faculty—from publications of books and articles, laboratory experiments, presentations at national and international conferences to original works of art. While our faculty members are immersed in the joy of discovery, they serve as models of lifelong learning for our students.*
Keith Jenkins, associate professor of communication, College of Liberal Arts
“I have dedicated my life to impacting the lives of others through education and have been equally impacted as a learner via the classroom experience, which has only furthered my passion for higher education and opportunities to pass that passion onto others. I am incredibly thankful that my students and fellow faculty members have benefited from my efforts.”

James R. Vallino, professor of software engineering, B. Thomas Golisano College of Computing and Information Sciences
“I enjoy teaching and I think I’m pretty good at it. That’s why this honor is so rewarding for me—I really enjoy seeing what students can achieve. I’m known as a tough instructor,” says Vallino, who is respected for his unique teaching philosophy—one that requires students to share responsibility for their own learning. “I provide students with sets of questions and the resources required to learn what they need to learn. I’m there to provide guidance along the way.”

Robert D. Garrick, associate professor, department of manufacturing and mechanical engineering technology/packaging science, College of Applied Science and Technology
“A real strength in CAST is the applied experience that the faculty has. Sharing the perspective of real-world applications helps students look beyond just getting a grade in class. It helps them realize they are called to a career that has so much potential to solve problems and impact peoples’ lives. This award is wonderful, and I look forward to continually learning from others to carry on the tradition of outstanding teaching and scholarship at RIT.”

The Richard and Virginia Eisenhart Provost’s Award for Excellence in Teaching
Supports faculty who have taught three years or less in their pursuit of excellence in teaching and leadership in the campus community.
2009-10 Trustees Scholarship Awards

The Education Committee of the Board of Trustees will recognize up to three recipients per year among RIT faculty members who have demonstrated outstanding track records of academic scholarship which “is integral to, and not separated from, all aspects of a student’s educational experience at RIT.”

Joseph P. Hornak, professor of chemistry and imaging science, College of Science

“As a graduate student and post-doctoral Fellow, I worked on some very basic science with little immediate relevance to the man on the street. After coming to RIT, I decided to change this and work on applied science, which would more immediately help society. Hence, I started the RIT Magnetic Resonance Laboratory with the mission statement, a research and development lab devoted to solving real world problems with magnetic resonance. Over the past 25 years, there have been five major research themes in my laboratory: magnetic resonance imaging (MRI) coils, tissue classification using MRI, MRI quality control, MRI contrast agents, and near-surface MRI.”

Marc Marschark, professor and director, Center for Education Research Partnerships, National Technical Institute for the Deaf

“As should be evident by the titles of my projects, publications, and presentations, my research and other scholarship is 100% aimed at improving educational opportunities, access, and outcomes for students with significant hearing losses. Central to all of this is overcoming the long-standing gap between research and practice, not just doing the laboratory and classroom work, but showing students, parents, teachers, and other professionals how this work can and should influence daily (formal and informal) educational activities.”

James J. Winebrake, professor and chair, department of science, technology and society/public policy, College of Liberal Arts

Jamie Winebrake had an idea that has solidified into a respected national program partnering universities with national parks to address energy-related needs. “The goal is to improve the environmental quality of national parks, reduce energy bills, and educate future energy professionals. Our nation’s parks contain old buildings and equipment that waste a lot of energy and money. Improving their energy efficiency will conserve natural resources and save tax dollars. At the same time, students gain experience conducting energy audits and data analysis and finding ways to use alternative energy sources.” In 2016, when the National Park Service celebrates its centennial, sustainability will be a major theme. “We fit in nicely. They will be coming to us to try to learn to effectively implement sustainability at national parks.”
Manufacturing and Mechanical Engineering Technology/Packaging Science

Scott Anson, Associate Professor
Published Article (1); Conference/Paper/Presentation/Poster (4)


Betsy Dell, Assistant Professor
Conference/Paper/Presentation/Poster (2); Published Article (1)


Robert Garrick, Associate Professor
Conference/Paper/Presentation/Poster (1)


Changfeng Ge, Associate Professor
Publications (5); Conference/Paper/Presentation/Poster (2)


Spencer Kim, Associate Professor
Conference/Paper/Presentation/Poster (1)


James Lee, Assistant Professor
Published Article (1)

Published Article: Lee, James; Duddy, Brian; Enyeart, Ryan; Beardslie, Daniel; and Thurston, Michael. “Increasing the Lubricity of JP-8 and S-8 to Fuel Two-Stroke Spark Ignition for Midsized Unmanned Aerial Vehicles.” International Journal of Engine Research.

Carl Lundgren, Professor
Conference/Paper/Presentation/Poster (1); Faculty/Student Collaborations (2)


Michael Parthum, Associate Professor
Patent/License (1)


Center for Multidisciplinary Studies

Mary Boyd, Assistant Professor
Conference/Paper/Presentation/Poster (2)


Sam McQuade, Professor
Conference/Paper/Presentation/Poster (8); Manuscript/Book (2); Book Chapter/Monograph (1)

Presentation: “Emerging High Tech Crime By and Among Youth: Implications for Intelligence Gathering and Critical Information Infrastructure Protection.” Presented at the Symposium on Cybercrime, co-sponsored by the National Intelligence Council and Bureau of Intelligence and Research of the U.S. Department of State.

Tom Moran, Professor
Manuscript/Book (1)


James Myers, Director
Conference/Paper/Presentation/Poster (2)


Carol Romanowski, Assistant Professor
Article (1); Conference/Paper/Presentation/Poster (2); Book Chapter/Monograph (1)

Published Book: “Data Mining of Graphs and Trees.” Data Mining and Warehousing Encyclopedia, 2d ed.

Brian Tomaszewski, Assistant Professor
Conference/Paper/Presentation/Poster (5); Book Chapter/Monograph (1)

Electrical, Computer and Telecommunications Engineering Technology

Warren Koontz, Professor
Professional Service and Leadership (1)

Professional Service and Leadership: Senior member, Institute of Electrical and Electronics Engineers (IEEE).

Drew Maywar, Assistant Professor
Published Articles (2); Professional Service and Leadership (3); Faculty Student Collaboration (4)

Published Article: Baveja, P.; Maywar, D.N.; and Agrawal, G.P. “Optimization of All-Optical 2R Regenerators Operating at 40 Gb/s: Role of Dispersion.” Journal of Lightwave Technology 27, 3831–3836.

Civil Engineering Technology, Environmental Management & Safety

Todd, Dunn, Associate Professor
Conference/Paper/Presentation/Poster (1); Book Chapter/Monograph (1)

Presentation: “Adding Civil Engineering to a Department that Is Currently Home to Civil Engineering Technology,” ASEE Annual Conference.

Abdullah Al Faruque, Assistant Professor
Article (5); Conference/Paper/Presentation/Poster (3)

Published Article: “Effects of Varying Submergence and Channel Width on Local Scour by Plane Turbulent Wall Jets.” Journal of Hydraulic Research 46 (6), 764-776

Joseph Rosenbeck, Associate Professor
Article (1); Conference/Paper/Presentation/Poster (1)


Jennifer Schneider, Professor
Published Article (1); Conference/Paper/Presentation/Poster (2); Professional Service and Leadership (4)

Published Article: “Pharmaceuticals and Sustainability: Benchmarks of Performance.” Benchmarking: an International Journal Special Issue on Sustainable Practice.

Scott Wolcott, Professor
Conference/Paper/Presentation/Poster (3)

Presentation: “Role of Environmental Managers in U.S. and Canadian SMEs.” Presentation at Sixth International Environmental Management Leadership Symposia, Budapest.

Hospitality and Service Management

Barbara Cerio, Associate Professor
Faculty Student Collaboration (1)

NYS Dietetic Association Workshop “Poster Session” students

"Scholarly activities in CAST may occur within or across traditional disciplinary boundaries. This broad scope of scholarly work is due to the multidisciplinary nature of the college, and its mission to create new curricula related to emerging fields and disciplines. Thus, faculty may choose to engage in scholarship consistent with their expertise but it would also be appropriate for the faculty to extend that expertise into multiple disciplines and to disseminate results to a wide variety of audiences."

H. Fred Walker, Dean
College of Applied Science and Technology
Robert J. Barbato, Professor of Management
Publications (3)


Thomas Hopkins, Professor of Economics
Publications (1)


Erhan Mergen, Professor of Decision Sciences
Publications (3)


Raj S. Murthy, Assistant Professor of Marketing
Publications (1)


David Crumb, Assistant Professor
Professional Service and Leadership (1)

Board Membership: Rochester Hotel Association

Elizabeth Kmiecinski, Associate Professor
Conference/Paper/Presentation/Poster (1); Professional Service and Leadership (1)


Thomas Maier, Visiting Lecturer
Article (1)


Bonalyn Nelsen, Associate Professor
Article (2); Conference/Paper/Presentation/Poster (1); Professional Service and Leadership (2)


Warren Sackler, Associate Professor
Article (1)

Published Article: “Lease vs. Buy—A Leasing Primer for Startups.” Restaurant Startup and Growth Magazine.
“Our students have described the Saunders College of Business as a community of business scholars with access to the resources only available at a large technological university. Many of our faculty are published authors whose articles shape the framework of business today.”

Ashok Rao, Dean
E. Philip Saunders College of Business

B. Thomas Golisano College of Computing and Information Sciences

Department of Computer Science

Reynold Bailey, Assistant Professor
Publications (3)

Ivona Bezakova, Assistant Professor
Publications (2)

Hans Peter Bischof, Associate Professor
Publications (2)

Zachary Butler, Assistant Professor
Publications (3)

Roxanne Canosa, Associate Professor
Publications (2)

Henry A. Etlinger, Associate Professor
Professional Service And Leadership (1)
Professional Service and Leadership: Faculty Associate for Scholarship and Learning

Roger Gaborski, Professor
Publications (3)
Joseph Geigel, Associate Professor  
Publications (2)  

Fereydoun Kazemian, Associate Professor  
Publications (1)  

James Heliotis, Professor  
Publications (4)  

Minseok (James) Kwon, Associate Professor  
Publications (2)  

Stanislaw Radziszowski, Professor  
Publications (7); Presentations (3)  

Edith Hemaspaandra, Professor  
Publications (7)  

Edith Hemaspaandra, Professor  
Publications (7)  

Trudy Howles, Associate Professor  
Publications (2)  

Christopher Homan, Associate Professor  
Publications (2)  

Manjeet Rege, Assistant Professor  
Publications (2); Presentations (2); Professional Service and Leadership (2)  
Leon Reznik, Professor
Publications (6)

Axel Schreiner, Professor
Publications (1); Presentations (4)

Richard Zanibbi, Assistant Professor
Publications (3); Presentations (3); Patents (1)

Department of Information Sciences and Technologies
Deborah G. Coleman, Associate Professor
Publications (2)

School of Informatics
Jai W. Kang, Associate Professor
Publications (2)

Department of Interactive Games and Media
Erik H. Vick, Assistant Professor
Publications (2); Presentations (1); Professional Service and Leadership (1); Faculty/Student Collaborations (2)

Jorge Díaz-Herrera, Dean
B. Thomas Golisano College of Computing and Information Sciences

“At the Golisano College, we continue to refine and enhance our academic portfolio to best meet not only students’ interests but the needs of an ever-evolving industry. Our dedicated, world-class faculty and innovative degree options help us get to the very top!”

Jorge Diaz-Herrera, Dean
B. Thomas Golisano College of Computing and Information Sciences
Center for Quality and Applied Statistics

**Daniel R. Lawrence, Associate Professor**

Publications (1); Presentations (1)

Published Chapter: "A Forced-Classification Analysis of Rank-Order Data Subject to a Polychotomous Criterion Item." In *New Trends in Psychometrics*, Universal Academy Press, Inc., 2009.

Department of Networking, Security and Systems Administration

**Yin Pan, Associate Professor**

Patents (1); Publications (3); Reviews (3); Professional Service and Leadership (5)


**Sumita Mishra, Assistant Professor**

Publications (3); Refereed Conference Papers (4); Professional Service (6)


Department of Computer Engineering

**Juan Carlos Cockburn, Associate Professor**

Formal Presentations (1)


Kate Gleason College of Engineering

**Dhireesha Kudithipudi**

Published Articles (5); Published Reviews (1); Professional Service and Leadership (10)


Department of Software Engineering

**Y. Raghu Reddy, Assistant Professor**

Publications (3); Academic Service/Leadership (6)


**Kenneth W. Hsu, Professor & Director System-on-Chip Center**

Published Books/Articles (3); Formal Presentations (1); Professional Service and Leadership (3)


**Dhriessha Kudithipudi**

Published Articles (5); Published Reviews (1); Formal Presentations (3); Professional Service and Leadership (10)


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Andres Kwasinski
Published Books (1); Published Articles (2); Professional Service and Leadership (2)


Andreas Savakis, Professor
Published Articles (8); Professional Service and Leadership (1)


Shanchieh Jay Yang, Associate Professor
Published Articles (7); Formal Presentations (5); Professional Service and Leadership (3)


Department of Electrical and Microelectronic Engineering
Eli Saber, Associate Professor
Publications (7)

Publication: Dianat, S., and Saber, E. Advanced Linear Algebra for Engineers with MATLAB. CRC Press, February 2009.

Gill R. Tsouri, Assistant Professor
Published Articles (4); Exhibits (1); External Scholarly Fellowships (2); Professional Service and Leadership (5)


Industrial and Systems Engineering Department
Michael E. Kuhl, Associate Professor
Publications (5); Presentations (5); Professional Service and Leadership (3)


Marcos Esterman, Assistant Professor
Publications (2); Presentations (1); Professional and Service Leadership (2)


Department of Mechanical Engineering
Stephen Boedo, Associate Professor
Publications (2); Presentations (2); Professional Service and Leadership (1); Faculty/Student Collaborations (1)


David Gee, Assistant Professor
Published Books (1); Published Articles (1)


Robert Stevens, Assistant Professor
Publications (2); Presentations (2)

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Karl A. Sweitzer, Adjunct Professor
Publications (1)


Benjamin Varela, Associate Professor
Publications (2) Presentations (1); External Scholarly Fellowships (1); Professional Service and Leadership (2); Faculty/Student Collaborations (4)


"Our faculty’s top priority is teaching. They complement their teaching with research and ongoing contact with the world of work. We are strongly committed to making the engineering experience exceptional for the talented and motivated students attracted to our college."

Harvey Palmer, Dean
Kate Gleason College of Engineering

College of Imaging Arts and Sciences

School for American Crafts

Rich Tannen, Professor of Furniture Design and Woodworking
Exhibits/Presentations (1)

Inclusion in national exhibition at the Pritam & Eames Gallery in Easthampton, N.Y., to be held in May/June 2010, and in the national juried exhibition “Six Degrees of Separation” to be exhibited on the MIT campus as part of the National Furniture Society Conference in June 2010.

Michael Rogers, Associate Professor
Publications (7); Presentations (10); Shows/Exhibits (8); Professional Service and Leadership (1); Faculty/Student Collaborations (3)

Andy Buck, Associate Professor
Presentations, Exhibitions (5); Workshop/Lecture (1); Publications (2)
Exhibition: Boxes and Their Makers, Messler Gallery, Center for Furniture Craftsmanship, Rockport, Maine. Invitational international exhibition that will travel for two years to additional venues in museums and galleries around the U.S. A book was recently published showcasing the artists of the exhibition, called Masters of The Wooden Box.

Robin Cass, Professor—Glass Program
Work Featured in Publications (2); Formal Presentations (1); Shows/Exhibits (2); Professional Service and Leadership (1); Faculty/Student Collaborations (1)

School of Design
Nancy Ciolek
Formal Presentations (1)

Chris Jackson, Associate Professor, Computer Graphics Design
Publications (2); Published Interview (1); Presentations (2); Shows/Exhibits (1); Professional Service and Leadership (1)
Publication: Flash Cinematic Techniques: Enhancing Animated Shorts and Interactive Storytelling. Focal Press, ISBN 0240812611. The focus of this book applies universally accepted cinematic techniques to Flash projects to improve the storytelling quotient in entertainment, advertising, and educational media.

Lorrie Frear, Assistant Professor
Presentations/Exhibits (12)
Presentation: Presentation in the Graphic Design Program showing collaborative work done in the design programs at RIT; also did a calligraphy lecture and seminar for 40 undergraduate and graduate design and architecture students about contemporary lettering. California Polytechnic State University, San Luis Obispo, February 2009.

School of Film and Animation
Adrienne Carageorge, Associate Professor
Presentations (3); Professional Service and Leadership (1)
Professional Service and Leadership: Elected as Executive Vice-President of the University Film and Video Association (UFVA), the pre-eminent professional association for university educators in film and video production.

Foundations
Michael Amy, Associate Professor, Art History
Publications (7); Interviews (1); Exhibition Reviews (3); Presentations (3)

Heidi Nickisher, Visiting Assistant Professor, Art History
Formal presentations (2)

Medical Illustration
James A. Perkins, Associate Professor
Illustrations in Publications (6); Presentations (1); Shows/Exhibits (2); Professional Service and Leadership (2); Faculty/Student Collaborations (1)
Illustrations appearing in publications: Robbins and Cotran Pathologic Basis of Disease, 8th ed., by Drs. Vinay Kumar, Abul Abbas, and Nelson Fausto. Elsevier Publishing. Translated into 13 languages, this is the top-selling pathology text used in medical schools around the world.
Sarah Thompson, Assistant Professor, Art History
Presentations (1)

School of Photographic Arts and Sciences
Susan Lakin, Associate Professor
Exhibitions (5); Museum Collection (1); Publications (2); Reviews (2); Awards (2)
Exhibition: Lishui International Photo Festival, Lishui, China, November 2009.

Oscar Palacio, Assistant Professor
Shows/Exhibits (1)
Exhibition and Presentation: DeCordova Biennial, with a selection of large-scale photographs from his History Re-Visited series. Formal presentation of his work at the DeCordova Museum as part of the biennial exhibition programming, Lincoln, Mass.

Angela Kelly, Associate Professor
Professional Service and Leadership (5); Presentations/Exhibits (2); Work Appearing in Publications (2)
Professional Service and Leadership: Artist in Residence, Constance Saltonstall Foundation for the Arts, Ithaca, N.Y., August 2009. Created a new body of photographic work on re-imagining the landscape.

School of Print Media
Twyla Cummings, Interim Associate Dean
Publications (4); Reviews (1); Presentations (2); Professional Service and Leadership (6)

Patricia Sorce, Administrative Chair
Publications (2)

“The College of Imaging Arts and Sciences is a place where technology liberates the imagination and allows creativity to drive the process.”

Frank Cost, Interim Dean
College of Imaging Arts and Sciences

College of Liberal Arts

Department of Anthropology
Uli Linke, Professor of Anthropology
Publications (6)

Department of Communication
Susan Barnes, Professor
Published Books (1); Articles (3); Conference Papers (3)
Department of Economics

Amitrajeet A. Batabyal, Arthur J. Gosnell
Professor of Economics, Interim
Academic Director, Golisano Institute
for Sustainability
Publications (25); Presentations (16); Professional
Service and Leadership (9); Faculty/Student
Collaborations (1)
Publication: Lominac, C.D. (RIT Economics
Student), and Batabyal, A.A. 2009. “An Approach
to the Management of Orchards that Are
Vulnerable to Attack by Invasive Species.” Letters

Department of English

A.J. Caschetta, Lecturer
Publications (1)
Published Article: “Defending the West: A
Critique of Edward Said’s Orientalism.” Middle East
Quarterly (Winter 2009).

Fine Arts Department

Cyril Reade, Associate Professor of Art
History
Formal presentations (1); Shows/exhibits (5);
Professional Service (1)
Presentation: “The Vancouver School: A
Distinctive West Coast Aesthetic.” Association of
Canadian Studies in the United States (ACSUS),
San Diego, November 2009.

Department of History

Rebecca A.R. Edwards, Associate
Professor and Chair
Presentations (1); Publications (4); Professional
Service and Leadership (1)
Presentation: “Mothering in Silence: Deafness,
Marriage, and Motherhood in Historical Perspective.”
The Upstate New York Women’s History Conference

Department of Philosophy

John Capps, Professor and Senior
Associate Dean
Published books (1)
Publication: Capps, John, and Capps, Donald.
You’ve Got To Be Kidding! How Jokes Can Help You

Katie Terezakis, Assistant Professor
Publications (6); Presentations (2); Professional
Service and Leadership (4)
Publication: Terezakis, K., ed. and contributor.

Department of Psychology

Jeffrey Baker, Adjunct Professor
Presentations (3)
Presentation: 23rd Annual Conference on
Teaching of Psychology, Tarrytown, N.Y., 2009,
and at the annual meeting of the American
Psychological Association, Toronto, Ontario.
Ultimately made into a Webinar for training of
community college and high school faculty.

Nick DiFonzo, Professor
Professional Activities (2); Publications (5);
Presentations (2)
Published book: DiFonzo, Nicholas. The
Watercooler Effect: The Indispensable Guide to
Understanding and Harnessing the Power of Rumor.

Kirsten Condry, Assistant Professor
Publications (1); Presentations (1)
Publication: Shutts, K.; Condry, K.; Santos, L.R.; and
Spelke, E.S. “Core Knowledge and Its Limits: The

Department of Sociology and Anthropology

Conerly Casey, Associate Professor
Publications (4); Presentations (2)
Publication: “Mediated Hostility: Media,
‘Affective Citizenship’ and Genocide in Northern
Nigeria.” In Genocide, Truth and Representation:
Anthropological Approaches, edited by Alexander
Laban Hinton and Kevin O’Neill, 247-278. Durham:
College of Liberal Arts

The College of Liberal Arts is home to a distinguished faculty, many of whom are known nationally and internationally for their research. However, unlike some academic institutions with research reputations, our faculty involve students in their scholarship. We like to think of ourselves as a student-centered research institution.

Robert Ulin, Dean
College of Liberal Arts

Science, Technology and Society/Public Policy Department

Christine Keiner, Associate Professor
Publications (1)


National Technical Institute for the Deaf

American Sign Language and Interpreting Education

Christine Monikowski, Associate Professor
Publications (2)


Business Studies

Edward Lord, Assistant Professor
Presentations (1)


Alvin Boyd, Lecturer
Presentations (2)


Communication Assessment Services

Geoffrey S. Poor, Associate Professor
Presentations (1); Professional Service and Leadership (1)

“When our contributions to improving the circumstances of men and women who are deaf are assessed in 2020, when we are judged, the words of Virgil should ring true: “Experto credite—Trust one who has proved it” (Aeneid, XI. 283). NTID should be trusted because it has contributed in significant ways to improving the circumstances of deaf people; because of excellence, integrity, credibility, and innovation.”

James J. DeCaro, Interim President
National Technical Institute for the Deaf
College of Science

School of Biological and Medical Sciences

Dawn Carter, Lecturer
Published Articles (4); Presentations (1); Exhibitions (7); Student / Faculty Collaborations (7); External Scholarly Fellowships (1); Professional Service and Leadership (2)

Faculty/Student Collaborations: Worked with botany students to design and plant a pollinator garden and worked with the Biology of Plants students to design and plant a rain garden.

Robert D. Frisina, Jr., Research Professor, Biological Sciences, and Associate Director, International Center for Hearing and Speech Research, NTID
Publications (3); Reviews (2); Formal Presentations (2); Published Abstracts (5); Presentations (3); Professional Service and Leadership (11); Mentoring (3)


Department of Chemistry

Marvin Lee Illingsworth, Professor
Publications (2); Presentations (2)


Lea Michel, Assistant Professor
Presentations (2); Professional Service/Leadership (1)


Gerald A. Takacs, Professor
Publications (7); Presentations (1); Professional Service and Leadership (3)


Center for Imaging Science

Roy Berns, Professor
Publications (4)


Mark Fairchild, Professor
Publications (2); Presentations (5)


James Ferwerda, Associate Professor
Publications (9); Presentations (11); Professional Service and Leadership (3)

John Kerekes, Associate Professor
Publications (4)


Carl Salvaggio, Associate Professor
Publications (6); Presentations (2)


John Schott, Professor
Publications (5); Professional Service and Leadership (1)


Anthony Vodacek, Associate Professor
Publications (2); Presentations (1); Professional Service and Leadership (6)


John Whelan, Associate Professor
Publications (16); Formal Presentations (6); Professional Service and Leadership (4)


Jan van Aardt, Associate Professor
Published Articles (5); Formal Presentations (6); Research Award (1); Professional Service and Leadership (6); Faculty/Student Collaborations (9)


School of Mathematical Sciences

Bernard Brooks, Associate Professor
Presentations (3)


Manuela Campanelli, Associate Professor, Director, Center for Computational Relativity and Gravitation
Publications (10); Presentations (6); Shows/Exhibits (6); Professional Service and Leadership (8); Faculty/Student Collaborations (4)

Professional Service and Leadership: Elected 2009 Fellow of the American Physical Society “...for groundbreaking work on numerical simulations of binary black hole spacetimes, and for explorations using these simulations of interesting physical effects such as ‘superkicks’ and spin-driven orbital dynamics,” November 14, 2009.

Marvin Gruber, Professor
Publications (3); Professional Service and Leadership (1)

Akhtar A. Khan, Assistant Professor
Published Books (1); Peer-Reviewed Research Papers (4); Published Reviews (5); Presentations (4); External Scholarly Fellowships (1)

David Merritt, Professor
Publications (16); Presentations (5)

Carlos Lousto, Associate Professor
Published Articles (10); Formal Presentations (5); Exhibits (1); External Scholarly Fellowships (3); Professional Service and Leadership (8); Faculty/Student Collaborations (2)

Seth M. Hubbard, Assistant Professor
Publications (10); Presentations (6); Professional Service and Leadership (4); Faculty/Student Collaborations (9)

Darren A. Narayan, Associate Professor
Published Articles (6); Presentations (8); Professional Service and Leadership (3); Faculty/Student Collaborations (2)

Yosef Zlochower, Assistant Professor
Publications (10); Presentations (2); Shows/Exhibits (1); Faculty/Student Collaborations (1); Professional Service (4)

Department of Physics

Michael Kotlarchyk, Professor
Published Articles (1); Formal Presentations (1); External Scholarly Fellowships (1); Professional Service and Leadership (1)
External Scholarly Fellowships: 2009 Air Force Research Laboratory Faculty Fellowship (Nanostructured and Biological Materials Group, Materials and Manufacturing Directorate, Wright-Patterson Air Force Base): *Characterization of Peptide-Coated and Peptide-Encapsulating Nanoparticles by NMR and Small-Angle Scattering*.

“*Our* faculty members are dedicated teachers who also practice their professions outside of the classroom in scholarship, research, and other professional activities. Students are encouraged to work with faculty members as they pursue their research. Many joint student-faculty research projects have resulted in publication in professional literature."

Sophia Maggelakis, Dean
College of Science

College of Science
Scott Franklin, Associate Professor
Publications (1); Presentations (8)


Chris O’Dea, Professor
Publications (8); Presentations (1); Professional Service and Leadership (1); Faculty/Student Collaborations (8)


Michael Richmond
Publications (6); Presentations (4)


Graduate Studies

Andrew M.T. Moore, Dean, Graduate Studies
Publications (1); Presentations (1); Professional Service and Leadership (2)

RIT At A Glance

FOUNDED IN 1829, Rochester Institute of Technology is a privately endowed, coeducational university with eight colleges emphasizing career education and experiential learning.

THE CAMPUS occupies 1,300 acres in suburban Rochester, the third-largest city in New York state. RIT also has international campuses in Croatia, Dubai, and Kosovo.

THE RIT STUDENT BODY consists of approximately 12,130 full-time and 1,720 part-time undergraduate students, and 2,630 graduate students. Enrolled students represent all 50 states and over 100 foreign countries.

RIT is an internationally recognized leader in preparing deaf and hard-of-hearing students for successful careers in professional and technical fields. The university provides unparalleled access and support services for the more than 1,200 deaf and hard-of-hearing students who live, study, and work with hearing students on the RIT campus.

COOPERATIVE EDUCATION provides paid career-related work experience in many degree programs. RIT has the fourth-oldest and one of the largest cooperative education programs in the world, annually placing more than 3,600 students in more than 5,400 co-op assignments with nearly 2,000 employers across the United States and overseas.

RIT will admit and hire men and women, veterans, people with disabilities and individuals of any race, creed, religion, color, national or ethnic origin, sexual orientation, age, or marital status in compliance with all appropriate legislation.