

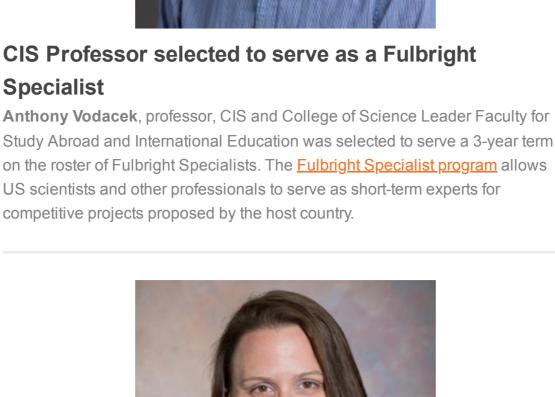
convocation activities at the end of August. We look forward to many years in partnership with her. This past month we acknowledged the first anniversary of our Inclusive Excellence program at RIT with festivities hosted by Dr. David Munson and Mrs. Nancy Munson at Liberty Hill. It was an evening that celebrated the

work toward a diverse and inclusive College of Science. This year, the entire university is celebrating the 50th anniversary of RIT's move to the Henrietta campus from our former downtown Rochester campus with activities that recognize the growth and transformation which have resulted from this move. The College of Science is celebrating, too, as we continue to grow

achievements of the past year and welcomed the new year as we continue to

our programs and update our spaces. The transformation of the campus and the college is astounding and exciting. If you haven't been here for a while, we'd love to show off our changes the next time you come to campus. SOPHIA MAGGELAKIS Dean, RIT College of Science

Our Stories and News

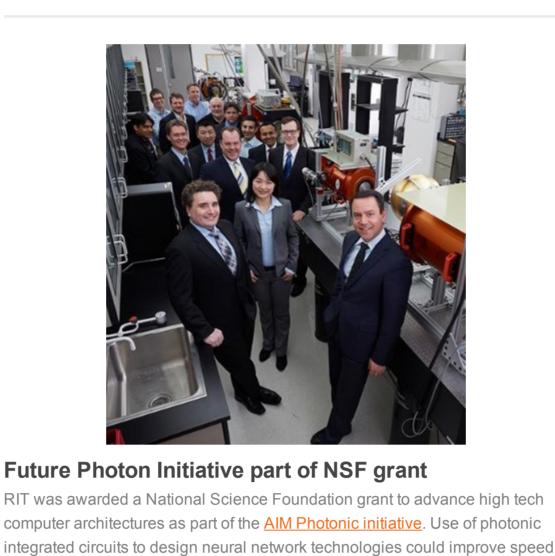




future needs and maintain its standing in research and development. Read More >

COS Distinguished Alumnus honored Steve Wear '91, MS imaging science, was honored as the 2018 Distinguished Alumnus for the College of Science at a ceremony on September 14. Steve is the co-founder and a member of the board of directors of **Integrity Applications** Inc. (IAI), an engineering services and software development company primarily supporting the intelligence community and other civil, defense and intelligence

GRADUATE SCHOOL



Aspects of the RIT project will take place at the university, with contributions from researchers in its <u>Future Photon Initiative</u>—a cross-disciplinary team that collaborates with external university groups, industry and national laboratories to develop and commercialize new photonic device technology—and CHAI, the

Center for Human-Aware Artificial Intelligence, an interdisciplinary artificial

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Inclusive Excellence cultivates diversity in research and mentoring

Learning & Evaluation) in RIT's College of Science.

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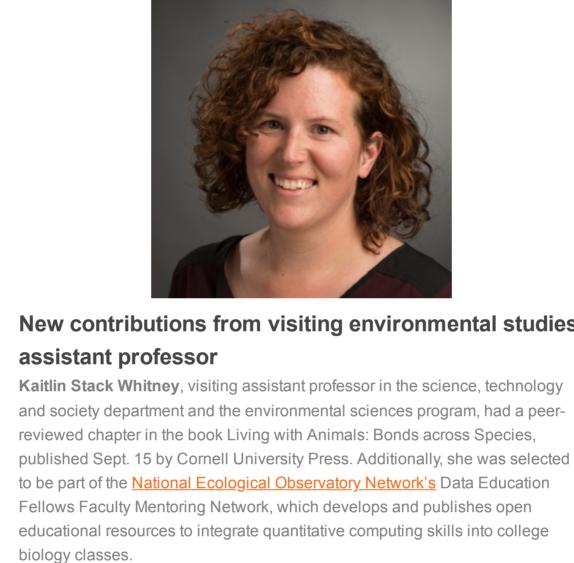
Environmental Studies professor invited speaker at

Jeff Lodge, associate professor in the Thomas H. Gosnell School of Life Sciences, was an invited speaker at the Renewable Energy and Resources Conference, Aug. 27–28 in Boston. His talk was "Food and Food Processing"

Waste to Energy: Sustainable Energy for Western NY."

sustainability conference

New contributions from visiting environmental studies assistant professor



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Carlson Center for Imaging Science is among the sponsors of the exhibit.

RIT mourns the loss of honorary trustee Catherine

Catherine Carlson, who generously gave of her time and family fortune to

at the age of 91. Ms. Carlson, whose father Chester Carlson invented the technology that launched Xerox Corp., served the university as an honorary

support RIT and many institutions in Greater Rochester, died on September 27

trustee. RIT's Chester F. Carlson Center for Imaging Science benefitted from her

family's philanthropy, as did the College of Science. Ms. Carlson helped RIT

At Ms. Carlson's request, the Chester and Dorris Carlson Charitable Trust will continue as a permanent, named endowment at Rochester Area Community Foundation to meet the community's changing needs, with special attention to

Catherine Carlson will be remembered for her lasting impact on the civic and

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start its first PhD program in Imaging Science.

cultural landscape of our community.

education, libraries and certain other interests of the Trust.

Michael Gartley, CIS, is the PI on a \$93,044 grant from the Harris Corporation to support the project titled "Spectral Modeling and Simulation." Aaron Gerace, CIS, is the PI on a \$124,680 grant from the NASA to support the project titled "Development of strategies and instrumentation to support Landsat calibration and higher-level product verification." Niels Otani, SMS, is the PI with CoPI Cristian Linte (KGCOE) and Suzanne Shontz (University of Kansas) on a \$523,295 grant from the National Science Foundation and CDS&E to support the project titled "Collaborative Research: A computational framework for reconstructing and visualizing myocardial active

Robert Teese, SoPA, is the PI with co-PI Michelle Chabot (SoPA) and Key

Foundation to support the project titled "Collaborative Research: Interactive

Jan Van Aardt, CIS, is the PI with co-PIs Carl Salvaggio (CIS) and Richard DeMartino (SCB) and Key Personnel Donald McKeown (CIS) and Richard

Foundation to support the project titled "Fostering Agricultural Remote Sensing

Jan Van Aardt, CIS, is the PI with Key Personnel Timothy Bauch (CIS) and Nina Raqueno (CIS) on a \$25,000 grant from the Love Beets to support the project titled "Transformation of the New York Beet Industry through Digital

Michael Zemcov, SoPA, is the PI on a \$456,000 grant from NASA to support the

project titled "Studies of the Diffuse Optical Background with New Horizons."

Student & Alumni News

Notargiacomo (SCB) on a \$746,844 grant from the National Science

Video-enhanced tutorials on problem solving in physics."

Personnel Daniel Krutz (GCCIS) on a \$290,104 grant from the National Science

Astrophysical Sciences & Technology student wins prestigious fellowship Correction from the Summer issue of the Dean's News: Astrophysical Sciences & Technology PhD candidate, Jesse Bublitz was incorrectly identified as an Imaging Science PhD candidate. Jesse was selected as a 2018-19 STEM

Chateaubriand Fellow by the French Embassy. The Chateaubriand Fellowship

Chateaubriand fellows are selected through a merit-based competition, through a collaborative process involving expert evaluators in both countries. Jessie will

BRICK CITY

HOMECOMING & FAMILY WEEKEND

spend the fall semester in Grenoble, France working with colleagues of his

mentor, Joel Kastner, professor of imaging science.

is a grant offered by the Embassy of France in the United States to support outstanding Ph.D. students from American universities who wish to conduct research in France for a period ranging from 4 to 9 months.

Chateaubriand

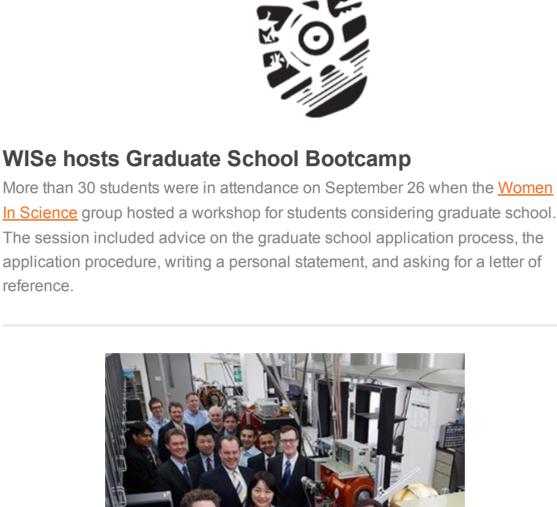
These awards were established in 2015 to be awarded to an RIT doctoral alumnus and Master of Science alumnus to recognize exceptional graduate research, and to encourage the recognition of PhD dissertation and MS thesis at the national and international level. The awards will be presented at the

Graduate Alumni Awards reception during the Graduate Showcase day on Friday, November 12 in the Crossroads River Room. **Newsmakers** <u>Crop pests and predators exhibit inconsistent responses to surrounding</u> landscape composition Proceedings of the National Academy of Sciences of the United States of

COS Online Show 'N Tell GSoLS principal lecturer and College of Science Leader Faculty for Online Learning, Sandi Connelly, organized a workshop for COS faculty members

COS professor works to improve STEM ecosystem Casey Miller, SCMS professor and Associate Dean of Research and Faculty Affairs, was awarded a collaborative National Science Foundation award to build a national network for improving access to graduate education for underrepresented students in science, technology, engineering, and mathematics. The \$880,000 award from the NSF INCLUDES program is one of the NSF's 10 Big Ideas for Future Investments, a program that seeks to increase and strengthen efforts to create a diverse STEM workforce to meet the nation's

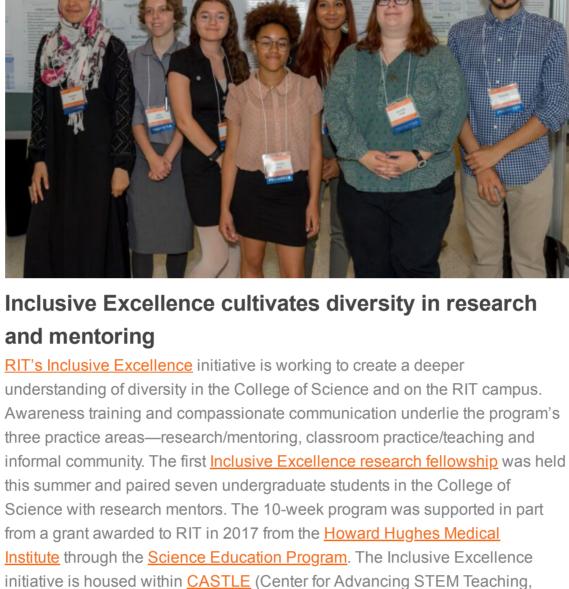
customers, with a focus on intelligence surveillance reconnaissance systems. He enrolled in RIT's imaging science program while serving as a first lieutenant in the Air Force as part of a military program called Education With Industry. A few years later, in 1999, he founded IAI with three other veterans. The company has grown from the four founders to nearly 800 employees, 24 of whom are RIT alumni, working in 10 offices across the United States. Steve credits RIT with playing an instrumental role in the growth and success of his company. We were especially grateful for Steve's generous \$250,000 gift to establish the Steven M. Wear Endowed Graduate Fellowship which will be used to provide stipend, tuition, and travel support to MS and PhD candidates. Read More >

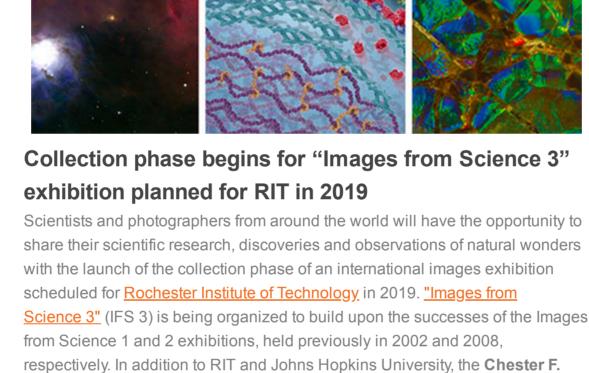


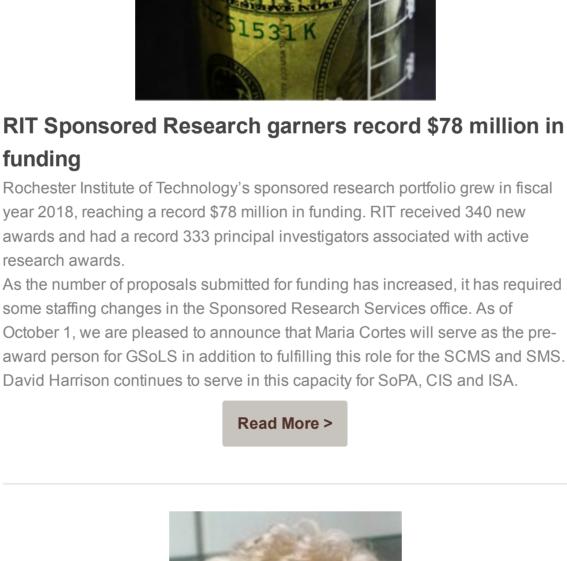
reference.

and energy consumption.

intelligence research team at the university.







funding

Carlson

after stroke."

stresses."

(FARMS) Alliance."

Agriculture."

Sponsored Research Christopher Collison, SCMS, is the PI on a \$74,775 grant from the Hewlett-Packard Company to support the project titled "Fuser membrane revolution through bulk nanostructure composites." Christopher Collison, SCMS, is the PI on a \$52,333 grant from the Hewlett-Packard Company to support the project titled "Self-Healing Coatings for High Transfer Efficiency, Flexible Belts & Films." Moumita Das, SoPa, is the PI on a \$165,000 grant from the W.M. Keck

Foundation and University of San Diego to support the project titled "Building

Gabriel Diaz, CIS, is the PI on a \$10,000 grant from the University of Rochester to support the project titled "A virtual approach to study and rehabilitate vision

Scott Franklin, SoPA, is the PI with CoPI Corey Ptak (formerly GSoLS) on a \$134,491 grant from the National Science Foundation to support the project titled "Collaborative Research: Expanding Access: Furthering a network of

diversity-focused programs in the physical sciences."

an Artificial Motile Tissue through Self-Organized Rhythmic Stiffening."

Imaging science student wins best poster award Imaging Science graduate **Sara Leary** '18 and her adviser, **Michael Murdoch**, assistant professor of color science, won the Best Poster Award at the <u>Association for Computing Machinery (ACM) Symposium on Applied</u> Perception held August 10-11 in Vancouver, Canada. Sara's poster, "Manipulating Object Lightness in Augmented Reality," summarized her senior capstone project research on the optical and perceptual effects of AR overlays on real objects. It is on display in the Munsell Color Science Laboratory hallway.



America August 2 - Kaitlin Stack Whitney, visiting assistant professor in the science,

technology and society department (CoLA) and the environmental sciences

Connections: Did "2001: A Sapce Odyssey" accurately predict the AI of the

Plastic in Water: Health impact on humans remains unknown

August 22 - Christopher Kanan, assistant professor, Chester F. Carlson Center

August 29 - Matthew Hoffman, associate professor of mathematical sciences

program (GSoLS), co-author

for Imaging Science, interviewed

Why is Printer Ink so Expensive

Democrat and Chronicle

(SMS), quoted

Consumer Reports

Inside Higher Ed

of Life Sciences, featured

future?

September 15 - Scott Williams, professor of chemistry (SCMS), quoted <u>Test-Driving New Classroom Tech Initiatives</u> September 19 - Sandi Connelly, principal lecturer, Thomas H. Gosnell School

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