We hope you enjoyed this issue and will be in touch soon! Let us know what you think! Send an email to the College of Science at the end of the semester. Remember ... Science+Math is a monthly newsletter for students, faculty and staff. Please feel free to forward it to friends and colleagues who may be interested in what's happening in science at RIT. Science+Math is also a great place to find information about upcoming events and presentations. We encourage faculty and students to post information about upcoming events and presentations. Information about upcoming events can be posted on the College of Science Facebook page or sent to the College of Science Communications Office at cosmcom@rit.edu.

Congratulations to all those who graduated in December!

I wish you all a wonderful break and renewed energy in the New Year.

Sincerely yours,
Dean, RIT College of Science

Student & Alumni News

Physics student club wins recognition for excellence

Physics student club wins recognition for excellence. The Society of Physics Students (SPS) Chapter at the National Science Foundation (NSF) Industry/University Cooperative Research Center for Brain-Inspired Computing (BICS) has been recognized for its outstanding contributions to the physics community. The physical sciences organization is designated given a Sense Year. It consists of a set of criteria that include outstanding contributions to the physics community. The RIT SPS chapter finished under the guidance of **Michael Plasmeier**, associate professor of practice and director of the materials sciences & engineering program, and **Sean Spitzer**, lecturer.

The Society of Physics Students is a professional association designed for students who are interested in physics, astronomy, and related fields of study. Since 1968, SPS operates within the American Institute of Physics (AIP), an umbrella organization for professional physical sciences societies.

RIT Graduate Showcased pulls innovative student research on display

RIT Graduate Showcased pulls innovative student research on display. Graduate students, faculty and staff showcased their research and accomplishments at the research arm of the 7th annual RIT Graduate Showcase on November 15. The event, which was hosted by the Office of Research and Graduate Studies, included research presentations by over 100 graduate students, and awards were presented to the top 3 student presenters. Pictured above are **Ashwin Ramachandran**, a student in the Chemical and Biomedical Engineering program, and **Dr. Ivan Puchades**, assistant professor in the School of Mechanical Engineering.

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Students unwind with crafts and conversation

Students unwind with crafts and conversation. Students in the College of Science participated in a Science Stress Relief Activity on the Spring Quarter, which provided fresh and unexpected fun for the center research. Additionally, also used the opportunity to meet with students, faculty and staff. Pictured above are **Ashwin Ramachandran** and **Jeremy Ray** and their new professors and others.

On December 10, COS student groups hosted a variety of activities to celebrate the holiday season and the end of the fall quarter. Pictured above are the Chemical Society Student Chapter, the COS Student Council, Imaging Science Club, Society of Physics Students, RIT Student Club, Imaging Science Club, Society of Physics Students, and Chemical Society Student Chapter.

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Our Stories and News

COS Retirees gather

COS Retirees gather. Members of Science retirement retirees in the Rose & Ross Atrium, also in Chemistry of the College of Science (CoS) Chemical Society, Imaging Science Club, Society of Physics Students, RIT Student Club, Imaging Science Club, with colleagues and friends. Everyone enjoyed a short clean-memory game as well as conversation and a chance to talk about their retirement time in the classroom and lab.

Frameless Lake Symposium promotes virtual- and augmented-reality

Frameless Lake Symposium promotes virtual- and augmented-reality. Assistant Professor Jamie Madison, PhD, Director of the 27th Annual Frameless Lake Symposium on Friday, November 20, 2015 at the RIT MAGIC Center. Frameless Lake is a faculty-led symposium by and for faculty and students, and is a forum for discussion of the impact of virtual- and augmented-reality research. The event attracted students in a wide variety of disciplines, including computer science, mechanical engineering, electrical engineering, physical sciences, and biomedical engineering. Pictured above are **Jamie Madison**, associate professor of practice in the mechanical engineering program, and **Jeremy Ray**, associate professor of practice in the mechanical engineering program.

A particle is crossing the zone! Michael Nichols (pictured) with Phoebe Sorgenfrei, Associate Professor of Fine & Applied Arts, presented the workshop "Chemical Microbiology of Cave Ecosystems" at the Cave Conservation Institute (CCI) in Rochester, NY, on November 20, 2015. The workshop, presented in the Rochester Museum and Science Center, was a part of the CCI's annual meeting. Dr. Sorgenfrei's talk was presented by the College of Science.

Four RIT faculty and staff alumni receive Golden Brick Award

Four RIT faculty and staff alumni receive the Golden Brick Award. Pictured are Chief Alumni Development and Golden Brick Awards Ceremony on November 10. The Golden Brick Awards honor RIT faculty and staff who have contributed to the RIT community and have made a contribution or contribution to alumni relations over the years. Pictured above are **Jeffrey Cannon**, associate professor of mechanical engineering, **Jeffrey Cannon**, associate professor of mechanical engineering, **Jeffrey Cannon**, associate professor of mechanical engineering, and **Jeffrey Cannon**, associate professor of mechanical engineering. Congratulations to all the recipients! The Golden Brick Awards honor RIT faculty and staff who have contributed to the RIT community. Our hope was to identify alumni for numerous graduate students, faculty and staff who have contributed to the RIT community. Congratulations to all the recipients! Congratulations to all the recipients! Congratulations to all the recipients!