

FUNDAMENTALS

Office of Research Development



[ORD Website](#) | [Limited Submissions Calendar](#) | [Past Newsletters](#)

UNC's Office of Research Development's FUNDAMENTALS provides researchers with updates related to extramural funding, on-campus research development and other timely information in support of Carolina's research enterprise.



Alexia Kelley Joins the Office of Research Development as Project Manager

Alexia Kelley earned her PhD in Environmental Sciences from the University of Virginia, studying terrestrial ecosystem ecology in arctic tundra. She then did post-doctoral work at Duke University, examining grassland nutrient cycling, and North Carolina State University, determining the impact of forestry practices on early plantation success, before moving to research development full time. For the past three years, Alexia has worked as a grant writer and proposal developer for NC State's College of Sciences. She assisted faculty from six departments with all aspects of proposal development: finding potential funding sources, developing project budgets, giving editorial feedback, and project management. Alexia is very excited about helping UNC faculty develop successful grant proposals!

Now Online: Limited Submissions Interactive Calendar

The Office of Research Development is pleased to announce the launch of its interactive [Limited Submissions calendar](#), powered by Google. Users can use the calendar to view UNC's internal due dates for upcoming limited submissions grants; follow agency links to learn more about individual calls; view agency deadlines; and add dates to their own calendars. If you come across limited submission grants that are not on our calendar, please contact [Denise Lindley](#), UNC's Limited Submissions Coordinator.

Meet-Up Opportunity for AHA's New SFRN

The American Heart Association has announced a new [Strategically Focused Research Network \(SFRN\)](#) competition for research centers **exploring peripheral vascular and aortic diseases**. The Office of Research Development will convene a meet-up on **Thursday, July 13, from 12:00 p.m. to 2:00 p.m., in the Health Science Library, Room 527**. This will be a time for pitching ideas, identifying collaborators, and networking around this opportunity. If you are interested in joining, please email [Gail Whitfield](#).

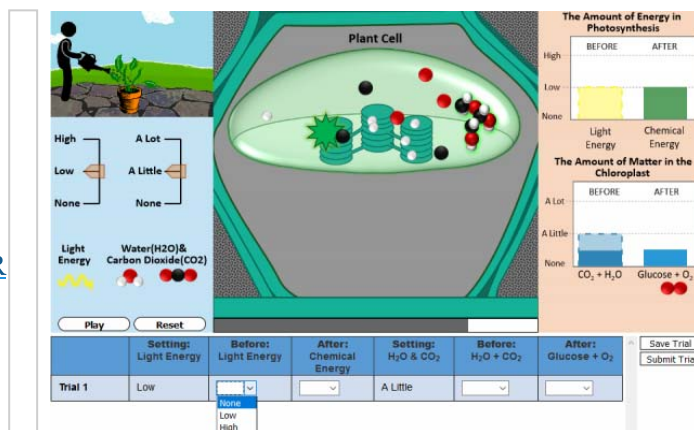


NSF Learning Community

NSF CAREER Winner Spotlight: Kelly Ryoo

[Dr. Kihyun \(Kelly\) Ryoo's CAREER](#) project, "Making Science Visible," focuses on promoting equity for all students in science education, including English Language

Learners (ELLs) who speak a language other than English at home, through the design and use of interactive dynamic visualizations. Collaborating with science teachers and English as a Second Language (ESL) teachers at low-income middle schools, Ryoo's project develops visualization technology for 8th-grade core concepts and explores how such



technology can help linguistically diverse students engage in discourse-rich science practices to make sense of complex scientific phenomena. The project also supports science teachers in developing effective strategies using visualizations to better serve their linguistically diverse students.

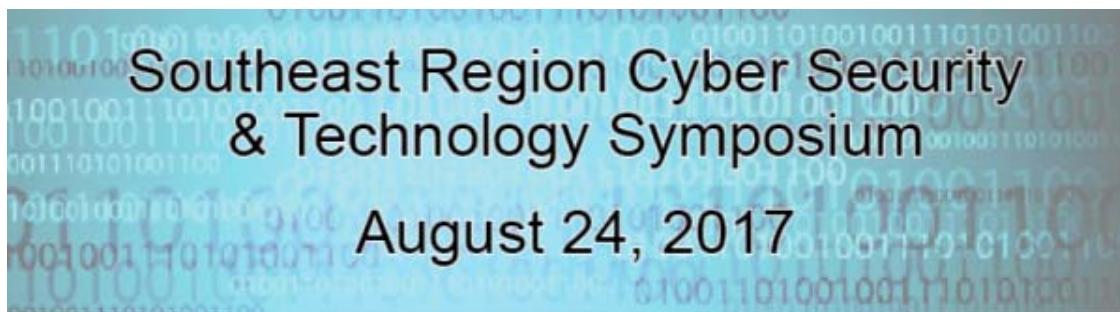


DoD announces new award database

[Department of Defense announces a new award database tool called “DoD Grant Awards”](#), allowing the scientific community to search research abstracts and other grant award information across the DOD grant-making agencies. Much like NIH RePORT and NSF’s Research.gov, these tools allow researchers to discover potential collaborations, explore previously funded projects, and map where defense R&D funding is heading.

Request for Proposals for Research-Related Skills Course Initiative

The Office of Research Development is pleased to share an excellent Broader Impacts opportunity for UNC faculty. The Office of Undergraduate Research has announced the Research-Related Skills Course Initiative as part of the Quality Enhancement Plan (QEP). The initiative supports course development to improve undergraduate students' skills for scholarly research, writing, and presentation. Proposals are due by 5:00 p.m. on Friday, August 4. [Click here for more details.](#)



Symposium Session: Cyber Security Challenges, Trends and Research Development

The Southeast Region Cyber Security and Technology Symposium will be held August 24 at The Friday Conference Center in Chapel Hill, North Carolina. FUNDamentals readers may

be interested in a special session, entitled Cyber Security Challenges, Trends and Research Development. The session will bring together federal and state officials, academics, and industry leaders to discuss cyber security R&D needs. The session begins at 9:15 a.m. the day of the symposium. [Click here for more details.](#)



Congratulations to Zena Cardman, UNC Alumna, Selected for NASA Astronaut Program

Zena Cardman is one of 12 recruits who will begin astronaut training in August at NASA's Johnson Space Center. Cardman graduated from UNC in 2010 with a B.S. in biology, Honors in poetry, and minors in marine science, creative writing, and chemistry. She completed her master's degree in marine science at UNC in 2014. She is currently pursuing her PhD in geoscience at Penn State. She was selected from an initial applicant pool of over 18,000 people. [Read more about Cardman's journey in *Endeavors*.](#)

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View open limited submissions: <http://go.unc.edu/y3MRt>

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