



The SC EPSCoR/IDeA Program Office is pleased to announce the recipients of the [2017 Research Experiences for Undergraduates \(REU\) Program](#). Eleven awards were made with each project receiving up to \$10,000 in funding. These awardees represent five different South Carolina academic institutions.



**Final Call!** The [Stimulus Research Program](#) Letters of Intent are due **THIS Friday, June 16** by 5 PM. Proposals will be accepted only from those who submit a Letter of Intent.

Questions? See our [Stimulus Research Program](#) page for FAQs.

And speaking of winners, we have a tie! **Dr. John Wheeler**, Furman University and **Dr. Tom Fitzkee**, Francis Marion University, both had the most mentions by name in our Research Expertise Profiles tool registration referral contest. An SC EPSCoR prize pack will be in the mail to you shortly! Congrats and thank you for spreading the news about our database!

## SC EPSCoR/IDeA Research Focus On: Dr. Raymond Torres – NASA EPSCoR Funding

Floodplains are relatively flat lying and often forested areas adjacent to large and small rivers. A floodplain of a system like the Congaree River in SC may experience up to 3 meters of inundation for up to a few weeks. During inundation the surface water flow paths and currents dictate many of the physical and biological



functions that allow the floodplain to persist as a vibrant ecosystem. As hydraulic connectivity changes so do the opportunities for nutrient exchange, pathways for fauna, the distribution of larva and seeds, and the spatial and temporal attributes of organic matter accumulation.

As part of a NASA EPSCoR study, [Dr. Raymond Torres](#), **USC**, and team will

investigate the temporal and spatial variability of flood water circulation over the Congaree River floodplain at the Congaree National Park in SC through a three part study that includes radar remote sensing of the water surface elevation over the entire floodplain, direct field measurements of water surface slope, water speed and direction, and 3D numerical simulations of surface water flow.

[Read more »](#)

**Project Title:** Temporal and Spatial Variability of Floodplain Currents by In-Situ Observations, Radar Interferometry and Numerical Simulations. Click to [read abstract](#).

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Want to see your research highlighted in an upcoming email? Please [let us know!](#)

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## Opportunities and Deadlines

- **Furman University** will host the 16th annual MERCURY (**M**olecular **E**ducation and **R**esearch Consortium in **U**ndergrad Computational Chemistry) Conference, **Thurs-Sat, July 20-22**, with a post-conference MoISSI Coding Workshop on **Sat and Sun, July 22-23**. MERCURY is composed of computational faculty from 27 PUI campuses nationwide, and the annual conference is open to any students/faculty engaged in applications of computational chemistry for education or research. [More info](#) including registration (open until **Sat, July 8**) and abstract submission.
- The SC EPSCoR [Research Expertise Profiles](#) database now has 130 profiles from 20 colleges and universities in South Carolina. [Click here](#) to join the list.

Grant information:

- [NSF funding opportunities](#)
  - [NIH funding opportunities](#)
  - [DOE funding opportunities](#)
  - [NASA funding opportunities](#)
  - [USDA funding opportunities](#)
  - [Grants.gov](#) is a website full of tools and tips to help you find and apply for grants
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Questions or need to call us? Click here for our [staff directory](#).