

SC EPSCoR/IDeA



Dr. Nadim Aziz, program director, and members of the SC EPSCoR team presented to the faculty attendees at the [SC INBRE 2017 Academic Leadership Summer Workshop](#) in Columbia, SC on **June 8**. Dr. Aziz shared information about national EPSCoR/IDeA funding opportunities and about the SC EPSCoR/IDeA and funding opportunities. **April Heyward**, program manager, presented information about the Stimulus Research Program. And **Cyndy Buckhaults**, communications manager, presented the [Research Expertise Profiles](#) tool and features of the [website](#). More photos available on both [Facebook](#) and [Twitter](#).

Congratulations to SC EPSCoR program manager **April Heyward** on completing the Riley Institute at Furman's [DLI Midlands Diversity Program](#). DLI participants are selected for their capacity to impact their organizations and communities. The DLI alumni roster includes CEOs

of corporations, mayors, city and county council members, legislators, school superintendents, pastors and rabbis, non-profit heads, chamber of commerce directors, and community leaders.



Research Focus On: Dr. Diana Boyer

Now, more than ever, it is important to understand how life on this planet responds to major perturbations in ecosystems. Dr. [Diana Boyer's](#), **Winthrop**, research focuses on investigating the causes and consequences of past mass extinctions to better understand how life is impacted, and how it recovers, using the fossil and geochemical signals preserved in the rock record.

During the Late Devonian (~375 million years ago) there were a series of major extinction events of varying magnitude that resulted in dramatic loss of life on a global scale. Despite the magnitude and resulting ecological impact, the driving mechanism(s) of this mass extinction event remains poorly constrained. This research focuses on comparing the biological and chemical signal of conditions before, during and after the extinctions to better understand the kill mechanism(s).

This project involves field work collecting samples from across North America, and allows students to be involved in all aspects of the project from field collection of rock samples through analysis. Winthrop has a very strong focus on undergraduate research experiences, including students traveling to Utah and Nevada this summer to collect samples for this research.

Project Title: NSF Collaborative Research: RUI: A High resolution Paleontological, Ichnological, and Chemostratigraphic Study of Late Devonian Mass Extinctions. Click to [read abstract](#). Shown in photo is a student doing research in Utah.

Opportunities and Deadlines

American Society for Biochemistry and Molecular Biology presents "**The future of the biomedical research workforce**" webinar by Dr. Shirley M. Thilghman, president emerita, Princeton, on **Thurs, June 29**, 1-3 pm. [Register now](#).

Furman U is hosting 16th annual MERCURY (Molecular Education and Research Consortium in Undergrad Computational ChemistRY) Conf, **Thurs-Sat, July 20-22**, with a post-conference MolSSI Coding Workshop on **Sat and Sun, July 22-23**. 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.

NSF [Faculty Early Career Development Program \(CAREER\)](#) proposal deadlines **July 19-21**. see website for specific program deadlines and more information.

The SC EPSCoR [Research Expertise Profiles](#) database now has 140 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](#)

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