College of Arts and Sciences
Department of Physics and Astronomy
University of South Carolina

Forum

“ISEE’s Professional Development Program: Preparation for Effective and Inclusive Teaching and Mentoring”

Speakers:
Lisa Hunter and Rafael Palomino
Institute for Scientist and Engineer Educators (ISEE)
University of California Santa Cruz
Santa Cruz, California

Abstract:
The Institute for Scientist & Engineer Educators (ISEE) has been working with the science, technology, engineering, and mathematics (STEM) community since 2001 to prepare early-career scientists and engineers to become effective and inclusive in their teaching and mentoring. At the heart of this work is the Professional Development Program (PDP), which provides graduate students and postdocs intensive training in teaching methods supported by research, and a practical teaching experience with students at the undergraduate level. More than 550 participants have now completed the program and have used the experience to obtain jobs, fellowships, and grants. Participants become part of an enduring national community of scientists and engineers dedicated to effective and inclusive education. ISEE was recently awarded a grant from the NSF, “Advancing Inclusive Leaders in Astronomy,” with an NSF physics supplement, which provides support for graduate students and postdocs at ISEE chapters to participate in the PDP and for alumni at sites across the U.S. to lead and expand upon ISEE’s prior work at their own institutions. This presentation will include information about the PDP, including research projects related to PDP thematic elements and how they increase student performance in the classroom.

The University of South Carolina is ISEE’s newest chapter, currently operating in the Physics & Astronomy department with Chapter Lead and PDP alumnus, Steven Rodney. The USC chapter will send at least one new team to the PDP in Spring 2019 and we are actively seeking student and postdoc participants as well as faculty partners.

THURSDAY
November
15

4:15 pm
Jones Physical Science Center Room 409
(Rogers Seminar Room)

Hosted By:
Dr. Steven Rodney

Refreshments Served
Everyone Invited

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The University of South Carolina is an equal opportunity institution.