2018 Professional Development Program

23 teams designing and deploying inquiry learning activities to undergraduate students in STEM

Chemistry WEST – Chemistry & Biochemistry – UCSC

Aquilan Resendez
Team Lead
Postdoc
Stanford University

Gabriella Ambarian
Graduate Student
UC Santa Cruz

Jocelyn Macho
Graduate Student
UC Santa Cruz

Formal Nichols
Graduate Student
UC Santa Cruz

Ecology WEST – Ecology & Evolutionary Biology, Environmental Science – UCSC

Cynthia Carrion
Team Lead
PhD Student
UC Santa Cruz

Dorina Waller
Graduate Student
UC Santa Cruz

Josephine Lesage
Graduate Student
UC Santa Cruz

Sara Gonzalez
Graduate Student
UC Santa Cruz

Isotope WEST – Geochmistry, Ocean Science – UCSC

Kimberly Bitterolf
Team Lead
Graduate Student
UC Santa Cruz

Mercedes Pinto-Bul
Graduate Student
UC Santa Cruz

Joseph Murray
Graduate Student
UC Santa Cruz

Michelle Drake
Graduate Student
UC Santa Cruz

Computer Science WEST – Computer Science, Computer Engineering – UCSC

Amelia Caramia
Team Lead
Graduate Student
UC Santa Cruz

Lea Reel
Graduate Student
UC Santa Cruz

Rebecca Rashkin
Graduate Student
UC Santa Cruz

Summer research PREP – Astronomy – UCSC

Johann Hiltgen
Team Lead
Graduate Student
UC Santa Cruz

Lauren Fox
Graduate Student
UC Santa Cruz

Summer Undergraduate Research Program – Astronomy – Carnegie Observatories

Johanna Teke
Team Lead
Postdoc
Carnegie Observatories

Jeremy Chastenet
Postdoc
UC San Diego

Decker French
Postdoc
Carnegie Observatories

Summer Undergraduate Research Program – Astronomy – UC Berkeley

Zachary Vanderbosch
Graduate Student
University of Texas at Austin

Jessica Luna
Graduate Student
University of Texas at Austin

Sam Van Kooten
Graduate Student
University of Colorado, Boulder

Katherine McCormick
Graduate Student
University of Colorado, Boulder

Summer Undergraduate Research Program – Astronomy – University of Texas at Austin

Kawy Friderlein
Team Lead
Research Associate / Lecturer
University of Texas at Austin

Zachary Vanderbosch
Graduate Student
University of Texas at Austin

Jessica Luna
Graduate Student
University of Texas at Austin

Summer Undergraduate Research Program – Astronomy – University of South Carolina

Taurus PREP – Astronomy – University of Texas at Austin

Raquel Martinez
Team Lead
Graduate Student
University of Texas at Austin

Sincere McCauley
Graduate Student
University of Texas at Austin

Samuel Factor
Graduate Student
University of Texas at Austin

Astronomy Lab for non-Astro Majors – Astronomy – University of South Carolina

Astromodels PREP – Geosciences, Astrophysics, Astrobiology – UCSC

Guinevere Ashley
Graduate Student
UC Santa Cruz

Michael Topping
Graduate Student
UC Santa Cruz

David Edwins
Graduate Student
UC Santa Cruz

The Professional Development Program (PDP) is offered by the Institute for Scientist & Engineer Educators (ISEE) at UCSC. The PDP has been preparing STEM graduate students and postdocs to be leaders in effective and inclusive education since 2001. PDP participants learn pedagogical strategies supported by education research, with an emphasis on teaching fundamental disciplinary content and cognitive STEM practices via inquiry. All participants employ their training by working on a small team to design and teach an inquiry activity for undergraduate students. The PDP is supported by a range of funding sources managed by ISEE. Summary of 2018 funding:

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Carnegie Observatories

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