

# UC Santa Cruz Ecology and Evolutionary Biology

Find us on the web at  
<http://www.eeb.ucsc.edu>

The graduate program in Ecology and Evolutionary Biology (EEB) at UC Santa Cruz is one of the premier EEB programs in the country. Our faculty reach the highest standards of excellence in scholarship, while maintaining an exceptional commitment to graduate student training and personal development. EEB-UCSC graduate students regularly win prestigious awards for their presentations at national and international meetings, are frequently awarded NSF Doctoral Fellowships and Dissertation Improvement Grants, and publish their work in the best journals of their fields.



**UC Santa Cruz** is set in a spectacular landscape of towering redwood forests, rolling hills, and the Monterey Bay National Marine Sanctuary.

In addition to taking advantage of local field sites and state-of-the-art departmental laboratories, more than two-thirds of our faculty also participate in field studies throughout the world, especially in Africa, Latin America, and around the Pacific Rim.

## Prospective students

*are encouraged to review department research web pages and contact professors whose areas of interest match their own.*

**Research in EEB** comprises four core tracks: (1) ecology, (2) evolutionary biology, (3) physiology, and (4) behavior.

Coastal ecosystems are some of the most unique and diverse areas of the globe, and they are also among the places most imperiled by human activities. The coastal location of the UCSC campus, including the marine lab at the Center for Ocean Health and UCSC's natural reserves, uniquely situate EEB-UCSC for the study of coastal biodiversity and ecological processes. A special strength of our program is the integration of marine and terrestrial perspectives across all research tracks.

## List of Faculty

Suzanne Alonzo  
Giacomo Bernardi  
Mark Carr  
Daniel Costa  
Donald Croll  
James Estes  
Laurel Fox  
Kathleen Kay  
Marm Kilpatrick  
Kristy Kroeker  
Bruce Lyon  
Rita Mehta  
Eric Palkovacs  
Ingrid Parker  
Jarmila Pittermann  
Grant Pogson  
Donald Potts  
Peter Raimondi  
Beth Shapiro  
Barry Sinervo  
John Thompson  
Terrie Williams

## Affiliated Faculty

Claudio Campagna (WCS)  
Steven Haddock (MBARI)  
Elliott Hazen (NOAA)  
Paul Koch  
Heather Tallis (TNC)  
Tim Tinker (USGS)  
Kerstin Wasson (NERR)  
Chris Wilmers

Sexual selection & social behavior  
Molecular evolution in fishes  
Marine ecology & conservation  
Physiology of marine mammals & birds  
Conservation biology  
Ecology & conservation biology  
Community ecology, plants & herbivores  
Plant evolutionary biology  
Disease ecology  
Climate change & marine ecology  
Behavioral ecology  
Functional morphology & physiology  
Freshwater ecology  
Plant ecology & invasion biology  
Plant physiology  
Population genetics & evolution  
Coral reef ecology  
Marine ecology  
Molecular ecology & ancient DNA  
Behavioral ecology  
Coevolution & evolutionary ecology  
Comparative physiology

Conservation & environmental ethics  
Deep sea biodiversity  
Quantitative ecology  
Paleoecology & evolution  
Conservation practices  
Population ecology of marine mammals  
Estuarine ecology & conservation  
Wildlife ecology & ecological modeling

## DIVERSITY & COMMUNITY

EEB welcomes and encourages the diversity of perspectives and backgrounds brought by minority, underrepresented and foreign students. The EEB Diversity Enhancement Committee is dedicated to improving resources and the educational climate to enhance diversity in the EEB department, throughout UCSC, in our region and nationwide. Our current projects are focused on 1) incorporating discussions of the minority experience in EEB, 2) hosting minority and underrepresented speakers in the department, 3) supporting outreach activities to local schools and junior colleges, and 4) enhancing diversity recruitment at the graduate and faculty levels.



## GAANN Fellowships

In 2015, the U.S. Department of Education awarded EEB-UCSC a grant through their program for “Graduate Assistance in Areas of National Need,” in recognition of EEB-UCSC’s high quality of graduate training and commitment to increasing diversity in the fields of ecology, evolutionary biology, and conservation.

Under the UCSC GAANN grant, **We are currently recruiting PhD-track students** from historically under-represented groups. **GAANN fellows receive a competitive stipend (tuition fees covered), experience a rigorous training program in teaching, and they are also eligible for additional research and travel support.**

For more information about the GAANN fellowships, contact Dr. Rita Mehta, [rmehta2@ucsc.edu](mailto:rmehta2@ucsc.edu)

**What do EEB graduates do?** More than 180 graduates of EEB-UCSC now teach and/or conduct research for academic institutions, non-profit organizations, government agencies, and the private sector throughout the United States and abroad. Many work actively to solve environmental problems.



### Alumni Job Placement (5-Year Survey)

- ▶ 50% Academic Institutions
- ▶ 25% Government Agencies
- ▶ 10% Private Sector
- ▶ 5% M.A pursue Ph.D.
- ▶ 5% Unknown

