

GSR for Ecological and Evolutionary Response to Rapid Environmental Change REU, Summer 2021

The [Ecological and Evolutionary Response to Rapid Environmental Change REU](#) seeks a GSR to assist with the program this summer.

Compensation (salary + benefits): \$2238.58 per month for two months, i.e., \$4,477.16 total.

Successful stewardship of natural ecosystems critically depends on understanding the ecological and evolutionary impacts of rapid, human-mediated habitat change, establishment of non-native species, overharvesting, contaminants, and climate change on individuals, populations, communities, and ecosystems.

The next generation of environmental scientists must be equipped to study these phenomena, understand their effects on society, and communicate their findings to the general public, resource managers, and policymakers. And because rapidly changing environments can disproportionately affect minority communities, it is equally urgent that we train a diverse cadre of future leaders in ecological and evolutionary sciences to comprehensively address these challenges.

The EERREC REU will prepare cohorts of diverse undergraduates for advanced study and careers in environmental biology to address these problems.

The EERREC REU will be held virtually, 21 June 2021 - 13 August 2021

Responsibilities:

- meet weekly with the coordinator to plan EERREC REU activities, with meetings beginning no later than 15 June 2021
- lead a weekly eco/evo journal club that spans the breadth of research in the EERREC REU
- meet weekly with scholars and coordinator. These meetings will include...
 - weekly check-ins
 - community building: planning and hosting
 - EERREC virtual field trips (including serving as a zoom co-host); field trips will be prepared in advance by others
- assist with planning and carrying out a communications workshop
- assist scholars with filming and assembling a video about their research
- assist the coordinator with mentoring EERREC scholars

Requirements:

1. PhD candidacy at UC Davis with research in an appropriate area
2. Knowledge of current and classic literature in ecology and evolutionary biology
3. experience in mentoring undergraduates
4. understanding of antiracism work, particularly in ecology, evolutionary biology, or the environmental sciences

Application components

- Cover letter that summarizes interest, qualifications, research, and commitment to diversity, equity, inclusion, and justice
- CV
- Names and contact information for three references, including the applicant's major professor

Timeframe: email application components to Carole Hom, clhom@ucdavis.edu, with [EERREC GSR] in the subject line. Review of applications will begin on 3 May 2021; position open until filled. Questions? Email Carole.