



## Field technician position in Plant Evolutionary Ecology

Department of Plant and Microbial Biology  
North Carolina State University

The [Sheth plant evolutionary ecology lab](#) in the [Department of Plant and Microbial Biology](#) at [North Carolina State University](#) (Raleigh, NC) is currently seeking an enthusiastic field technician to participate in an NSF-funded study of eco-evolutionary responses to climate change across a species range. We combine field, greenhouse, and growth chamber experiments, demographic modeling, and quantitative genetics to examine constraints to adaptation to climate across species geographic ranges. We strive to foster an inclusive environment where people from all backgrounds are respected and we especially welcome applicants from groups that have historically been underrepresented or excluded.

**Expected duties:** The successful candidate will contribute to a collaborative study of eco-evolutionary responses to climate change in the scarlet monkeyflower, *Mimulus cardinalis*, a perennial herb that grows in riparian habitats in western North America. The technician's primary responsibilities involve coordinating research among multiple institutions by establishing and monitoring field and greenhouse experiments, training and managing personnel, and collecting and managing data at three field sites. **The position is based in California** (San Diego and Wawona) **and Oregon** (Eugene) **from January through October of 2023**. The technician will have opportunities to train and mentor undergraduate students and work with graduate students. The technician will interact with the research teams of Dr. [Chris Muir](#) at the University of Hawaii, Dr. [Lluvia Flores-Renteria](#) at San Diego State University, Dr. [Jay Sexton](#) at UC Merced, and Dr. [Jeff Diez](#) at the University of Oregon.

### **Required qualifications**

- Bachelor's degree
- Ability to work outdoors in challenging conditions for long days
- Previous experience with field research in ecology, evolution, and/or botany
- Interest in ecology, evolution, and/or plants
- Attention to detail; precise, neat work; ability to perform repetitive tasks
- Ability to work independently and with others
- Excellent problem-solving and communication skills

### **Preferred qualifications**

- Coursework in ecology, plant biology, genetics, or related fields
- Ability to occasionally lift up to 50 lbs
- Ability to use a reliable personal vehicle to travel within and between field sites
- Desire to train and mentor other team members

**Additional information:** Housing near each field site will be provided. The field technician would ideally have a reliable personal vehicle available for traveling within and between field sites, and would receive mileage reimbursements for gas. We are committed to creating a safe and respectful working environment for all crew members. We have a thorough COVID-19 and field safety plan and expect that all crew members will comply with it.

**To apply:** Please submit the following materials to <https://jobs.ncsu.edu/hr/postings/168871> **as a single pdf**: 1) a cover letter describing your interest in and qualifications for this position (including your available dates), 2) current CV or resume (with relevant coursework included), and 3) contact information (phone number and email address) for 2 references. Review of applications will begin on September 1 and continue until the position is filled. Feel free to email Dr. Sheth ([ssheth3@ncsu.edu](mailto:ssheth3@ncsu.edu)) if you have any questions.