

PhD Position in the Redmond Lab at UC Berkeley

We are pleased to announce an exciting opportunity for a prospective Ph.D. student interested in forest ecology to join the Redmond lab at UC Berkeley. The student would have the opportunity to work on a large, collaborative project focused on how different silvicultural treatments influence tree health, understory vegetation, and wildfire risk in pinyon-juniper woodlands in western Colorado. This project is expressly designed as scientific co-production and will involve close collaboration between resource managers at the Bureau of Land Management in Colorado and researchers, including Dr. Miranda Redmond at UC Berkeley, Dr Peter Weisberg at University of Nevada Reno, Dr. Ali Urza at the Rocky Mountain Research Station, Dr. John Bradford at the USGS, and Dr. Chad Hoffman at Colorado State University. The selected student will have the opportunity to gain field, laboratory, and quantitative skills and be able to work with collaborators across multiple institutions and land managers within the region and have opportunities to work on other related projects. The selected student will be advised by Dr. Redmond at UC Berkeley through the Environmental Science, Policy, and Management (ESPM) PhD program.

Qualifications

The ideal candidates will have a strong background in forest ecology, plant ecology, or disturbance ecology, strong quantitative/statistical skills (or desire to learn), and work well in collaborative settings. The research associated with this position requires extensive time in the field in remote locations of western Colorado, and so applicants should have a strong desire to work and camp in a range of weather conditions.

Preferred Start Date

The ideal candidate will be available to start Summer of 2024, although candidates not available to start until Fall 2024 will also be considered.

Stipend and tuition

The position would ideally begin in May of 2024, but there is an option to start in the Fall of 2024. Students would be funded through a combination of graduate research and teaching assistantships, which would pay a monthly stipend, tuition, and field/lab expenses

Application Procedure

Applications for UC Berkeley's ESPM PhD Program must be submitted by 8:59 PM on December 4, 2023, and the details can be found here:

<https://ourenvironment.berkeley.edu/graduate-programs/admissions>. Interested students have the option to apply directly to the PhD program and then listing Miranda Redmond (in the Ecosystem Science division) as their proposed faculty sponsor.

If you would like to first gauge whether we feel the Redmond lab would be a good fit, then you can fill out the following survey (<https://forms.gle/6mGttqQN9umUbKdg6>) by

Nov. 15th and we will then follow-up with prospective students by Nov. 27th. To do so, please fill out [this](#) online survey, where you will be asked provide background information (e.g., undergraduate degree, institution, and GPA), and upload copies of your CV and a 1-page cover letter summarizing your background and interests. Promising candidates will be contacted via email for further discussion of the opportunity and asked to submit a full application package to the ESPM PhD Program (<https://ourenvironment.berkeley.edu/graduate-programs/admissions>). If you have questions about the survey or position, please reach out to Miranda Redmond (mir@berkeley.edu).

