

Forest Restoration Summer Field Technician Position at Teakettle Experimental Forest

Dr. Kerry Byrne (Humboldt State University) and Dr. Harold Zald (USDA Pacific Northwest Research Station) are hiring one field technician to work at the Teakettle Experimental Forest (<http://www.hurteaulab.org/teakettle-experiment.html>), a 1300 ha old-growth, mixed-conifer forest 80 km east of Fresno, CA in the southern Sierra Nevada. The technician will assist a graduate student in data collection to quantify and mitigate mortality of large old-growth Sugar pine and Jeffery pine in response to a large catchment scale prescribed fire scheduled for Fall 2021. Primary field duties include: performing a census of large old-growth pine trees within the watershed, collecting basic tree measurements (including observations on tree vigor and duff depth), collecting duff and soil core samples for root analysis, and duff raking to mitigating large pine mortality. Additional duties may include mapping forest structure using a surveyor's total station, basic tree measurements; fuels transect surveys, understory vegetation surveys, and tree regeneration surveys.

The facilities at Teakettle are rustic due to the remote location of the station. The cabin has solar power, bathrooms, a kitchen and common space; individual will spend the summer sleeping in tents. The nearest town for supplies is Shaver Lake, CA, approximately a 1-hour drive from the field station.

The pay rate is \$15/hour and crew members will work four 10-hour days each week with 3-day weekends. The field season will run for 10 weeks from the middle of June to the middle of August. The official start date will be determined in late April. There may be the opportunity to continue working part time doing soils lab work on the Humboldt State University campus during fall semester.

Minimum Qualifications: plant identification skills in western conifer forests, use of GPS, basic knowledge and experience of tree measurements, and previous experience working as a crewmember.

Preferred Qualifications:

Preference will be given to applicants who have spent at least one season working on a field crew or have experience working in a remote field location. Preference will also be given to applicants who have prior experience with GPS, plant identification, basic tree measurements, fuels measurements, soil sampling, line-intercept sampling, or using a total station.

How to Apply:

Applicants are being considered to begin field work in June 2021. To apply, please create a **single pdf document** containing your cover letter, resume, unofficial academic transcripts, and the names and contact information for three academic and/or professional references. Send the pdf document to Dr. Kerry Byrne at kerry.byrne@humboldt.edu. Review of applications will begin immediately and will continue until a suitable candidate is selected for the position.

If you have any questions or concerns regarding the application process, please contact Dr. Kerry Byrne or Dr. Harold Zald at harold.zald@usda.gov