



## **Forest Restoration Summer Field Technician Position at Teakettle Experimental Forest**

### **Job Description:**

Dr. Kerry Byrne (Humboldt State University) and Dr. Harold Zald (USDA Pacific Northwest Research Station) are hiring one field technician to work at 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 related to mitigating mortality of large old-growth Sugar pine and Jeffrey pine trees in response to prescribed fire. Primary field duties include: using a surveyor's total station to map a census of large old-growth pine trees within the watershed, collecting basic tree measurements (including observations on tree vigor and duff depth), and duff raking to mitigate large pine mortality. Additional duties may include assisting with other research projects as needed, 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; individuals 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. There is no WIFI or cellphone service at the field station but there is a landline.

The pay rate is \$15.50/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.

**Minimum Qualifications:** plant identification skills in western conifer forest, basic knowledge and experience of tree measurements, use of GPS, 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 and/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, line-intercept sampling, or using a total station. *Please note that an up to date COVID-19 vaccination is required for this position.*

**How to Apply:**

Applicants are being considered to begin field work in June 2022. 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. Please email the pdf document to Julia Bartley at [Julia.Bartley@humboldt.edu](mailto:Julia.Bartley@humboldt.edu). Applications will be accepted until March 6, 2022.

If you have any questions or concerns regarding the application process, please contact Dr. Kerry Byrne at [Kerry.Byrne@humboldt.edu](mailto:Kerry.Byrne@humboldt.edu) or Dr. Harold Zald at [harold.zald@usda.edu](mailto:harold.zald@usda.edu).