

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

Dr. Harold Zald ([http://www2.humboldt.edu/fwr/faculty/detail/harold\\_zald](http://www2.humboldt.edu/fwr/faculty/detail/harold_zald)) and Dr. Kerry Byrne (<http://www.kmbyrne.net/>) are hiring one field technician to work at the Teakettle Experimental Forest (<http://teakettle.ucdavis.edu/index.htm>), a 1300 ha old-growth, mixed-conifer forest 80 km east of Fresno, CA in the southern Sierra Nevada. The technician will assist 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 2020. Primary field duties will include performing a census of large pine trees within the watershed, collecting basic tree measurements (including observations on tree vigor and duff depth), collecting duff and soil cores 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. Desired skills include plant identification skills in western conifer forests, use of a GPS and surveyor total stations, basic knowledge and experience of tree measurements, and previous experience working as a crewmember.

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 \$14/hr and crew members will work four 10 hour days each week. The field season will run 10 weeks from the middle of June to the middle of August. The official start date will be determined in late April.

### **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, line-intercept sampling, or using a total station.

**How to Apply:**

Applicants are being considered to begin field work in June 2020. To apply, send the following (as a single PDF document) to Dr. Harold Zald ([hsz16@humboldt.edu](mailto:hsz16@humboldt.edu)):

1. CV or resume
  2. Unofficial transcripts
  3. The names and contact information for three academic and/or professional references
- Review of applications will begin immediately and will continue until a suitable candidate is selected for the position.

**Contact Information:**

If you have any questions or concerns regarding the application process, please contact Harold Zald at [hsz16@humboldt.edu](mailto:hsz16@humboldt.edu)

**Link to Teakettle Website:**

<http://www.hurteaulab.org/teakettle-experiment.html>