

Research Field Technicians (2): Forest Health Inventory in California Black Oak Groves of the Klamath Mountains & Oregon White Oak Physiology in the East Cascades, Oregon

We are looking for two motivated field technicians to conduct forest health surveys in California black oak (*Quercus kelloggii*) stands in Klamath Mountains and also help measure physiological responses of Oregon white oak (*Q. garryana*) to conifer removal restoration treatments in the East Cascades region of Oregon. The Klamath fieldwork will inventory the occurrences of root rot fungus (*Armillaria mellea*) and trunk rot fungi (*Inonotus* spp.) in black oak groves near Orleans, CA. This inventory is part of a larger, multi-year black oak restoration project involving the Western Klamath Restoration Partnership, Karuk Tribe, Mid-Klamath Watershed Council, Forest Service, Cal Poly Humboldt, and others. The Oregon fieldwork will measure white oak water status, productivity, and source waters in forests near Mt Hood as part of a larger, multi-year collaborative project involving Cal Poly Humboldt, Oregon State University, the East Cascades Oak Partnership, and many other regional partners.

Applicants should be able to hike moderate distances in rugged terrain, tolerate hot/humid conditions, and be willing to tent camp for up to three nights at a time. A rental vehicle will be provided and fuel expenses will be covered for work-related travel. Both technicians will work together to coordinate and organize day-to-day activities. These positions will be based out of Arcata, with most weeks involving overnight car camping in the Klamath Mountains Monday through Thursday. For the Oregon fieldwork, this will be a road trip north, leaving Monday July 15 and returning to Arcata by Sunday July 28. We will provide training for specific data collection methods, though experience with basic forestry or botany fieldwork is preferred.

Salary and Duration

- \$18 per hour
- 8 weeks: mid-June through mid-August

Desired Qualifications

- Valid driver's license and ability to complete defensive driver training
- Current student or recent graduate with coursework in Forestry, Fire, Ecology, Botany or a related field
- Grade point average of 3.0 or greater on a 4.0 scale
- Ability to navigate using maps and GPS
- Prior fieldwork or research experience outside of the classroom (volunteer or paid)
- Awareness or experience with indigenous management (e.g., traditional ecological knowledge)
- Positive attitude and ability to work well with others in remote field sites for extended periods
- Experience and knowledge regarding safe driving practices in remote, mountainous areas
- Prior experience identifying forest pests, plants, and tree species (preferably in the Klamath Mountains)
- Prior experience camping & ability to procure needed camping equipment (we may have some to loan)
- Wilderness First Aid or other related medical training

To Apply

Combine into one document: 1) a letter of interest (state relevant education, experience, and interest in the position); 2) a resume (include GPA and complete contact information); 3) unofficial transcripts, and 4) the names and contact information of three references. Email document to Jeff Kane (jkane@humboldt.edu) and Lucy Kerhoulas (Lucy.Kerhoulas@humboldt.edu). **Applications are due by February 19th.** Incomplete applications may not be considered.