

Summer Field Crew – Forest Dynamics in the Pacific Northwest

Overview: We are hiring one (1) crew leader and three (3) additional crew members to work on a long-term study of tree growth, mortality, and effects of fire in mature and old-growth forests of Oregon and Washington. This research is part of the Pacific Northwest Permanent Sample Plot Program (<http://pnwpsp.forestry.oregonstate.edu>). The project objective is to understand the long-term patterns and mechanisms of undisturbed and post-fire forest dynamics across a diversity of forest types in Oregon and Washington. Employee(s) will learn about forest succession, tree mortality, and post-fire conditions in mature and old-growth forests of the Cascade Mountains and Coast Range.

Duties: Field crew members will (a) navigate off-trail in steep, brushy terrain to relocate permanent plots using topographic maps, compass and GPS; (b) identify tree, shrub, and herbaceous plant species; (c) tag, measure and map trees; (d) assess and document symptoms and causes of tree mortality; and (e) record and check data for completeness and clarity.

Logistics: Crews are based at the HJ Andrews Experimental Forest (<http://andrewsforest.oregonstate.edu/>) near Blue River, OR where housing is provided at no cost. Camping will be necessary for non-HJ Andrews sites located in Washington and Oregon. When camping, a stipend will be provided. The field season begins June 13, 2022 and wraps up by September 16, 2022.

Minimum qualifications:

- Enrolled in or graduated from a program in forestry, natural resources, environmental science or closely related field; or an equivalent combination of training and experience.
- Ability to follow complex data collection procedures.
- Experience or training in forest inventory methods and measurements.
- Experience navigating mountainous terrain using compass, map and GPS.
- Demonstrated ability to work independently and with other crew members in a professional manner while maintaining a positive and safe work environment.

Preferred qualifications:

- Experience or training in identifying the symptoms and causes of tree mortality.
- Familiarity with the woody plants of the PNW or proven ability to learn them quickly.
- Prior experience conducting field work and collecting data for research.
- First-aid or wilderness first-aid training; Wildland Firefighting training.
- A demonstrable commitment to promoting and enhancing diversity.

Salary: \$14-\$19/hour depending on position and qualifications

Duration: June 13 to September 16, 2022

On-line application instructions:

- Application depends on student status. *You are considered a student if you are enrolled for at least 6 credits in spring and intend to take at least 6 credits in the fall.*
- Copy and paste the appropriate url into your browser or search for the posting number:
 - **Students:** <https://jobs.oregonstate.edu/postings/113644> (posting # **P08265SE**)
 - **Grads/Non-students:** <https://jobs.oregonstate.edu/postings/113877> (posting # **P03415CT**)
- Click on **“Apply for this Job”** and follow the instructions.

FMI: Contact Andrew Bluhm, Department of Forest Ecosystems and Society, Oregon State University (Andrew.Bluhm@oregonstate.edu)