

## Summer Field Crew – Forest Dynamics in the Pacific Northwest

**Overview:** We are hiring two (2) crew leaders and six (6) 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. Depending on the COVID restrictions at the time, on-site apartment housing for all crew members may not be available. If so, a semi-permanent camp (cabin, picnic tables, solar shower, port-a-potty, etc.) will be available. Camping will be necessary for non-HJ Andrews sites located in Washington and Oregon. Field season begins June 14, 2021 and wraps up by September 17, 2021.

### 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 14 to September 17, 2021

### 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/99547> (posting # **P07187SE**)
  - **Grads/Non-students:** <https://jobs.oregonstate.edu/postings/99367> (posting # **P02918CT**)
- 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](mailto:Andrew.Bluhm@oregonstate.edu))