**SUMMER FIELD POSITIONS**

**Overview:** The **Pacific Wildland Fire Sciences Laboratory** at the **University of Washington** and the **USFS Pacific Northwest Research Station** are looking for 6 paid student positions to assist in the collection of data in large wildfires in the Mendocino and Plumas National Forests in California. We are looking at post fire harvesting and restoration of forest burned by recent large wildfires.

**Job Location:** Seattle, WA (home station); study sites are located in the Plumas, and Mendocino National Forests in California.

**Closing Info:** Open until filled

**Salary:** $19.87 per hour, overtime eligible

**Duration:** Temporary

**Desired Start Date**: June 10, 2023

**Desired End Date**: August 31, 2023

\*\*\* Note: Transportation to Seattle and/or worksite will be provided by employer\*\*\*

**Position Purpose**

* The incumbent will assist with the collection and processing of fuels data for scientific research conducted on large and highly severe wildfire in collaboration with the USFS PNW Research Station and under the direction of a field crew leader.
* Incumbent will participate on data collection for several existing research studies in the Mendocino and Plumas National Forests in California.
* The main project, but not limited to, involves measuring the effects of salvage logging on forest structure, forest fuels and future fire behavior.
* The fieldwork will also include establishing a network of permanent monitoring plots to quantify short and long-term effects of salvage logging.
* Incumbent will assist to quantify various salvage logging effects on a diverse array of experimental permanent plots throughout the western US.
* Asist on preparation of reports, record information, prepare charts, graphs, read instruments, perform calculations, prepare, and construct apparatus as directed or in accord with established procedures.
* The position includes assistance on field data processing and applying protocols for data QA/QC.

**Key job factors**

* Currently enrolled in an accredited college or university
* Employee must be 18 years of age or older prior to appointment.

**Work Environment**

This position will require outdoor work in conditions that may include steep and rough terrain, dense vegetation, inclement weather, and biting insects. Work will be conducted in crews of 3-4 people composed of students from the UW and other colleges, and staff from the USFS. Maintaining a safe working environment is essential. Field work involves physical exertion: walking in steep terrain, lifting and carrying measurement equipment and samples, working in inclement weather, or similar activities. Individuals should be capable of working long days, during early morning to early evening hours. Field work will require travel for extended periods of 7 to 21 days for entire summer (June through August). Field trips often involve driving long distances and are often scheduled with minimal notice, candidate must be flexible with sometimes busy travel schedules. Accommodations may include camping, hotels, or common living spaces such as barracks or house rentals, and are paid for by the employer, in addition to per diem for food costs while in the field.

**Covid-19 safety**

When in the field, the incumbent must be willing to work with others and follow the lab’s Covid-19 safety protocols. Employees working in the lab and field are expected to strictly adhere to masking and physical distancing protocols, including in shared field housing. Incumbent must complete the University’s Covid-19 safety and other required training.

**Responsibilities**

* Assist scientists with accurate field data and sample collection efforts across pacific coast states (75%)
* Conduct entry of data into appropriate databases, assure data quality using established protocols (15%)
* Maintains field equipment (5%)
* Performs related duties as required (5%)

**Required qualifications**

* Enrolled at a university with two years college level work completed by June 2023, and credits with major study in natural resources or environmental sciences: forestry, ecology, biology, environmental sciences or related field OR two years of fieldwork experience equivalent to that performed by a research aide.
* Knowledge and/or familiarity with tree and plant species of Western North America (preferred)
* Experience on computer software for data analysis and entering data. Experience in computer environment such as MS Windows or Macintosh OS.
* We are looking for individuals who are detail-oriented, hard working, able to follow data collection protocols, and enjoys working as part of a team outdoors.
* CPR&First-aid or Wilderness First Aid certification (can be acquired following hiring).
* Driver’s License (preferred)

**Desired qualifications**

* Experience collecting environmental data in a field setting.
* Experience with data entry and quality control of large volumes of data.
* Demonstrated ability to work outdoors safely in remote and challenging terrain.
* Demonstrated ability to work both independently and collaboratively in a team environment.
* Ability to communicate effectively with faculty, coworkers, and research scientists.
* Strong communication, organizational, and interpersonal skills, including ability to write technical documentation.
* Sincere interest in learning about natural resource management applications and fire and smoke science.

**Application Process:** To apply, please fill out the [google form](https://docs.google.com/forms/d/1cmpvnPN0Pg-KT3LxYJ7a1kReqeonfXCUCLeli_s8swk/prefill) linked to the email.

Please email Ernesto Alvarado ([alvarado@uw.edu](mailto:alvarado@uw.edu)) or Turtle May ([turtle11@uw.edu](mailto:turtle11@uw.edu)) with any application questions or concerns.