

Opportunity Title: USFS Forestry Research Fellow
Opportunity Reference Code: USDA-USFS-PNWRS-2024-0146

Organization U.S. Department of Agriculture (USDA)

Reference Code USDA-USFS-PNWRS-2024-0146

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A complete application package consists of:

- An application
- Transcript(s) – For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Selected candidate must provide proof of completion of the degree before the appointment can start. Click [Here](#) for detailed information about acceptable transcripts.
- A current resume/CV
- Two educational or professional recommendations.

All documents must be in English or include an official English translation.

Application Deadline 5/24/2024 3:00:00 PM Eastern Time Zone

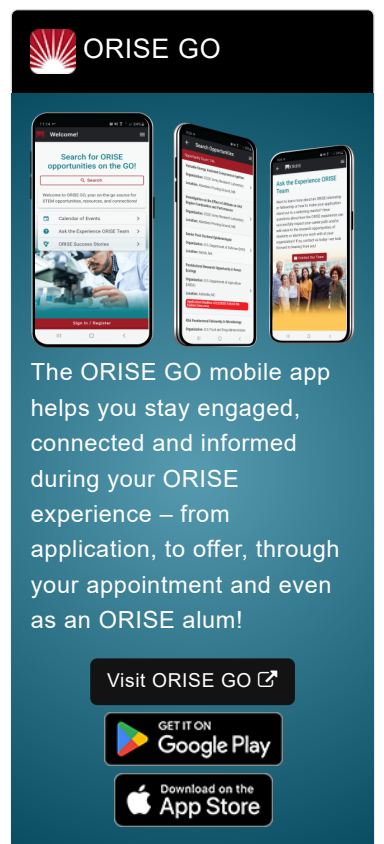
Description ***Applications will be reviewed on a rolling-basis.**

USFS Office/Lab and Location: A fellowship opportunity is available with the US Department of Agriculture (USDA) Forest Service (USFS) within the Pacific Northwest Research Station (PNWRS) located in Olympia, Washington.

At the heart of the U.S. Forest Service's mission is their purpose. Everything they do is intended to help sustain forests and grasslands for present and future generations. Why? Because their stewardship work supports nature in sustaining life. This is the purpose that drives the agency's mission and motivates their work across the agency. It's been there from the agency's very beginning, and it still drives them. To advance the mission and serve their purpose, the U.S. Forest Service balances the short and long-term needs of people and nature by: working in collaboration with communities and our partners; providing access to resources and experiences that promote economic, ecological, and social vitality; connecting people to the land and one another; and delivering world-class science, technology and land management.

Research Project: The USDA Forest Service's Pacific Northwest (PNW) Research Station based in Olympia, WA is seeking a Forestry Research Fellow with experience in forest ecology and silviculture to collaborate with an interdisciplinary team conducting research on issues related to sustainable forest management (e.g., climate adaptation, invasive species, forestry practices, etc.). The fellow will collaborate on the initiation and maintenance of several research projects and will participate with the team by:

- Establishing new experimental sites for the Experimental Network on Assisted Migration and Establishment Silviculture (ENAMES)



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- <https://www.fs.usda.gov/research/pnw/projects/enames>);

- Conducting field and lab measurements to quantify vegetation and soil responses to experimental treatments, and;
- Compiling and developing datasets in preparation for data analysis.

The fellow will also have an opportunity to develop or participate in new avenues of research or other interests related to natural resource management.

Learning Objectives:

- Understand and facilitate interactions at the intersection between science and land management.
- The Fellow will have a tremendous opportunity to engage and interact with scientists at the research station, as well as a large and diverse group of stakeholders including the USDA National Forest System, state natural resource agencies, tribal entities, and forest industry.
- Learn about silvicultural and natural resource management issues in the Western United States while helping to implement and maintain several long-term, high-impact experiments
- Enhance collaborative skills as a member of a scientific team through development of questions, data collection planning and implementation, and analysis
- Gain first-hand knowledge of Forest Service Research & Development science and National Forest System management.

Mentor: The mentor for this opportunity is Robert Slesak (robert.slesak@usda.gov). If you have questions about the nature of the research, please contact the mentor.

Anticipated Appointment Start Date: June 2024. Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for one year but may be extended upon recommendation of USFS and is contingent on the availability of funds.

Level of Participation: The appointment is full time.

Participant Stipend: The participant will receive a monthly stipend commensurate with educational level and experience.

Citizenship Requirements: This opportunity is available to U.S. citizens only.

ORISE Information: This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and USFS. Participants do not become employees of USDA, USFS, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.

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Questions: Please visit our [Program Website](#). After reading, if you have additional questions about the application process please email ORISE.USFS.PNWRS@orau.org and include the reference code for this opportunity.

Qualifications The qualified candidate should have received a Bachelor's degree in one of the relevant fields combined with demonstrated experience in a research environment. Degree must have been received no more than three years before the appointment start date.

The following are preferred qualifications for ideal applicants:

- Proficiency in the measurement and assessment of forest vegetation and soils
- Experience in forested settings under a variety of conditions
- Experience using GPS, GIS, and related software (e.g., ARC Field Maps)
- Demonstrated ability to effectively communicate and collaborate with a diverse group of individuals
- Understanding of forest management, silvicultural methods and treatments
- Understanding in principles of data collection, experimental design, and data assessment
- Strong organizational skills with capacity to research independently and prioritize activities

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Bachelor's Degree received within the last 36 month(s).
 - **Discipline(s):**
 - **Earth and Geosciences** (5 )
 - **Environmental and Marine Sciences** (14 )
 - **Mathematics and Statistics** (3 )