

Opportunity Title: USFS Fellowship in Post-fire Science and Monitoring

Opportunity Reference Code: USDA-USFS-2022-0080

Organization U.S. Department of Agriculture (USDA)

Reference Code USDA-USFS-2022-0080

How to Apply *Connect with ORISE...on the GO!* Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

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. At least one recommendation must be submitted in order for the mentor to view your application.

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

Application Deadline 2/24/2022 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 U.S. Forest Service (USFS), Pacific Northwest Research Station (PNW) located in Olympia, Washington or Corvallis, Oregon. The PNW Research Station is a Forest Service research center that develops and delivers knowledge and innovative technology to improve the health and use of the Nation's forests and rangelands.

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 fellow will collaborate with a unique inter-agency team in Oregon to develop several resources related to fire and post-fire research and monitoring. The goal of these resources is to promote collaboration and leverage capacity in post-fire research and monitoring. First, the fellow will help to develop a dynamic catalog of post-fire research and monitoring activities after major fire events in Oregon over the last two years, including the historic Labor Day fires of 2020. The catalog will include research and monitoring activities in air, soil, water, and biology and

 OAK RIDGE INSTITUTE
FOR SCIENCE AND EDUCATION

ORISE GO

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO [↗](#)

GET IT ON
Google Play

Download on the
App Store

Opportunity Title: USFS Fellowship in Post-fire Science and Monitoring

Opportunity Reference Code: USDA-USFS-2022-0080

will increase understanding of resource conditions, fire impacts, and recovery efforts. The catalog will allow participants to easily find where scientific information is being collected, who is collecting it, what indicators are being measured, and where the final data will be stored and shared.

The fellow will collaborate with the inter-agency team to develop a post-fire “playbook”, which will help users identify post-fire research and monitoring tasks and objectives immediately after a major fire event. The playbook will also help to evaluate different agency and entity responsibilities and interests related to post-fire research and monitoring toward the goal of promoting collaboration and sharing of resources after fire events. The fellow will also help with planning and implementation of a post-fire research and monitoring symposium. The symposium will bring together a diverse group of agency, university, and non-governmental organization representatives involved in post-fire research and monitoring to share their post-fire work and make connections.

Learning Objectives: This fellowship offers a unique opportunity to build geospatial and database skills, as well as skills in project management, writing, communications, science delivery, stakeholder engagement, and outreach. The participant will gain experience in collaborating with different state and federal agencies, including the Forest Service, Oregon Department of Forestry, U.S. Environmental Protection Agency, U.S. Geological Survey, as well as university scientists and non-governmental organizations.

The fellow will be mentored by the Director of the Northwest Climate Hub and Western Wildland Environmental Threat Assessment Center, and be mentored by a vibrant and dedicated team. The fellow may explore professional development and training opportunities, including travel to meetings, workshops, and conferences (once it is safe to do so). There will also be opportunities to engage in other PNW Station efforts, including research initiatives.

Mentor: The mentor for this opportunity is Jessica Halofsky (Jessica.halofsky@usda.gov). If you have questions about the nature of the research please contact the mentor.

Anticipated Appointment Start Date: February 2022. 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 an additional year 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. **An annual stipend of \$58,500 will be provided. A health insurance allowance and a travel/training allowance will also be provided.**

COVID-19 Requirements: The successful applicant(s) will be required to

Opportunity Title: USFS Fellowship in Post-fire Science and Monitoring

Opportunity Reference Code: USDA-USFS-2022-0080

comply with Environmental, Safety and Health (ES&H) requirements of the hosting facility, including but not limited to, COVID-19 requirements (e.g. facial covering, physical distancing, testing, vaccination).

Citizenship Requirements: This opportunity is available to U.S. citizens, Lawful Permanent Residents (LPR), and foreign nationals. Non-U.S. citizen applicants should refer to the [Guidelines for Non-U.S. Citizens Details page](#) of the program website for information about the valid immigration statuses that are acceptable for program participation.

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.




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

Qualifications The qualified candidate should have received a master's degree in one of the relevant fields, or be currently pursuing the degree with completion by the start of their appointment. Degree must have been received within the past five years.

Preferred skills:

- Extensive experience in ArcGIS
- Programming experience in Python or R
- Experience in database design and management
- Experience in fire science and natural resources
- Strong organizational skills and the ability to balance multiple projects simultaneously
- Ability to pay close attention to detail and edit written products to improve readability and clarity for non-technical audiences
- Creativity and the ability to generate new ideas and methods to help accomplish project goals; willingness to learn new things
- Experience in helping to design and host symposia or similar events

Eligibility Requirements

- **Degree:** Master's Degree received within the last 60 months or anticipated to be received by 2/28/2022 11:59:00 PM.
- **Discipline(s):**
 - **Earth and Geosciences** (4 )
 - **Environmental and Marine Sciences** (10 )
 - **Life Health and Medical Sciences** (8 )
- **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).