Opportunity Title: USDA-FS Fire and Weather Analysis Hub Research Fellowship
Opportunity Reference Code: USDA-FS-NRS-2026-0434

Organization U.S. Department of Agriculture (USDA)

Reference Code USDA-FS-NRS-2026-0434

How to Apply ***To submit your application, scroll to the bottom of this opportunity and click APPLY.***

A complete application 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.
  Click here for detailed information about acceptable transcripts.
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional recommendations.

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

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Application Deadline 1/1/2027 3:00:00 PM Eastern Time Zone

Description ***Applications are reviewed on a rolling-basis and applications may close before the deadline.**

USDA Forest Service Office/Lab and Location: A fellowship opportunity is available with the US Department of Agriculture (USDA) Forest Service (FS) within the Forest Service Northern Research Station (NRS). The USDA Northeast Climate Hub is a joint effort among USDA agencies. **This opportunity is intended to be virtual.**

At the heart of the USDA 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 USDA 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: This ORISE Fellowship offers daily interaction with leadership, policies and staff of the USDA Forest Service, Agricultural Research Service, and Natural Resources Conversation Service. You will engage in research and collaboration relevant to both fire occurrence and

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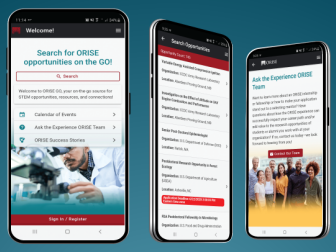

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weather data. The project will help identifying, evaluating, and synthesizing fire and weather datasets in the region using literature reviews, engagement with our audience, and other research methods. You will gain feedback from project partners on your research methods, design, and objectives. You will help assess and communicate regional data needs and results to collaborators, and engage with USDA scientists, ORISE fellows, Hub leadership, and partners. You will gain experience with outreach activities that promote Hub-related projects, research results, and collaborations. You will also have opportunity to engage with project collaborators to develop and enhance your networking. Outreach may include travel. Professional development activities as part of this fellowship include presentations, participating in meetings, and engaging in research and outreach projects.

Learning Objectives: Under the guidance of a mentor, you will have the opportunity to learn to: apply collaboration methods, conduct partner and stakeholder engagement, evaluate project design, and communicate science to a specific audience.

Mentor: The mentor for this opportunity is Erin Lane (erin.d.lane@usda.gov). If you have questions about the nature of the research, please contact the mentor.

Anticipated Appointment Start Date: January 2027. Start date is flexible and will depend on a variety of factors.

Appointment Length: The appointment will initially be for nine months but may be extended upon recommendation of USDA Forest Service and is contingent on the availability of funds.

Level of Participation: The appointment is part time.

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. Foreign national candidates may have a mandatory in-person requirement depending on visa status.

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 USDA Forest Service. Participants do not become employees of USDA, USDA Forest Service, 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 ORISE.USFS.NRS@orau.org and include the reference code for this

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opportunity.

Qualifications The qualified candidate should be currently pursuing or have received an associate's, bachelor's or master's degree in the one of the relevant fields.

Preferred skills:

- Courses or interest in natural resources, forestry, environmental science, meteorology, ecology, data science, statistics, or a related field.
- Familiarity with satellite and remotely sensed datasets, remote sensing principles, and geospatial data analysis.
- Interest in using GIS software (e.g., ArcGIS Pro, QGIS) and remote sensing to create maps and analyze spatial data.

Stipend $5,500.00 – $50,000.00 Yearly

Point of Contact Michele

Eligibility Requirements

- **Degree:** Associate's Degree, Bachelor's Degree, or Master's Degree.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (12)
  - **Communications and Graphics Design** (2)
  - **Computer, Information, and Data Sciences** (17)
  - **Earth and Geosciences** (21)
  - **Engineering** (29)
  - **Environmental and Marine Sciences** (14)
  - **Life Health and Medical Sciences** (51)
  - **Mathematics and Statistics** (11)
  - **Physics** (16)
  - **Science & Engineering-related** (2)
  - **Social and Behavioral Sciences** (29)