Opportunity Title: USGS Northwest Climate Adaptation Science Center Research Scholar
Opportunity Reference Code: USGS-2022-02

Organization U.S. Department of the Interior (DOI)

Reference Code USGS-2022-02

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 1/31/2022 3:00:00 PM Eastern Time Zone

Description

Applications will be reviewed on a rolling-basis.

USGS Office/Lab and Location: A research opportunity is currently available with the U.S. Geological Survey (USGS) located in Corvallis, Oregon. Telework may be an option based on need.

The USGS mission is to monitor, analyze, and predict current and evolving dynamics of complex human and natural Earth-system interactions and to deliver actionable intelligence at scales and timeframes relevant to decision makers. As the Nation's largest water, earth, and biological science and civilian mapping agency, USGS collects, monitors, analyzes, and provides science about natural resource conditions, issues, and problems.

The USGS Northwest Climate Adaptation Science Center (NW CASC) (https://nwcasc.uw.edu/) is one of nine regional Climate Adaptation Science Centers (CASCs) located across the U.S. The NW CASC conducts research to understand how changing climate conditions impact fish, wildlife, ecosystems, and communities. Through this work, we aim to provide on-the-ground natural resource managers and other stakeholders with scientific information and decision-making tools to help them understand, respond, and adapt to these changes.

Research Project: Science synthesis and project evaluation are

central to the NW CASC mission of delivering actionable science to natural and cultural resource managers. Science synthesis and project evaluation support the NW CASC mission by helping researchers and the management community better understand key processes, identify information gaps, and better design future research efforts. This fellowship will focus primarily on synthesizing research results from NW CASC-funded projects from 2017 through present and creating a series of “state of science” reports on topics identified in the NW CASC Science Agenda for 2018-2023.

The selected participant will focus primarily on synthesizing research results from NW CASC-funded projects from 2017 through present and creating a series of “state of science” reports on topics identified in the NW CASC Science Agenda for 2018-2023 (https://nwcasc.uw.edu/wp-content/uploads/sites/23/2019/12/NWCASC-Science-Agenda-2018-2023_07Aug19revision.pdf). Science synthesis and project evaluation is central to the NW CASC mission of delivering actionable science to natural and cultural resource managers. Science synthesis and project evaluation supports the NW CASC mission by helping researchers and the management community better understand key processes, identify information gaps, and better design future research efforts.

Learning Objectives: The objective is to help plan and implement the synthesis efforts that will be integral to a formal evaluation and update process for the NW CASC Science Agenda, which is scheduled to begin in 2022. Through this fellowship, the participant will have the opportunity to contribute to a science synthesis and evaluation project for the NW CASC, refine their knowledge of the climate science literature and the needs of the natural resource management community, engage with federal and non-federal partners, and gain valuable experience being a part of a partnership-driven program within a federal science agency.

Mentor: The mentor for this opportunity is Elizabeth Glenn (eglenn@usgs.gov). If you have questions about the nature of the research please contact the mentor.

Anticipated Appointment Start Date: January 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 for two additional years upon recommendation of USGS 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.

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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 USGS. Participants do not become employees of USGS, 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: If you have questions about the application process please email USGS@orau.org and include the reference code for this opportunity.

Qualifications

The candidate should have received a Master's or Doctoral degree in one of the fields listed in the eligibility requirements section. Degree must have been received within five years of the appointment start date.

Highly competitive applicants will have education and/or experience in several of the following:

- Experience conducting literature reviews
- Experience in basic database design and management
- Familiarity with climate change and its effects on fish, wildlife, and ecosystems
- Familiarity with aquatic and terrestrial ecosystems in Oregon, Washington, and Idaho
- Familiarity with invasive species and diseases in Oregon, Washington, and Idaho
- Familiarity with forest and/or shrubland ecosystems in Oregon, Washington, and Idaho
- Self-starter with strong attention to detail and organizational skills
- Excellent written and verbal communication skills

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree or Doctoral Degree.
- **Discipline(s):**
  - **Earth and Geosciences** (4 👁)
  - **Engineering** (1 👁)
  - **Environmental and Marine Sciences** (10 👁)
  - **Life Health and Medical Sciences** (15 👁)
  - **Social and Behavioral Sciences** (3 👁)
- **Age:** Must be 18 years of age