

Opportunity Title: EPA Fellowship Supporting Water Infrastructure & Resilience

Opportunity Reference Code: EPA-OW-OWM-2023-02

Organization U.S. Environmental Protection Agency (EPA)

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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. All transcripts must be in English or include an official English translation. 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. Click [here](#) for detailed information about recommendations.

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

Application Deadline 12/8/2023 3:00:00 PM Eastern Time Zone

Description ***Applications may be reviewed on a rolling-basis and this posting could close before the deadline.** Click [here](#) for information about the selection process.

EPA Office/Lab and Location: A research training opportunity is available at U.S. Environmental Protection Agency's (EPA), Office of Water (OW), Office of Wastewater Management (OWM), Water Infrastructure Division (WID) Water Infrastructure & Resiliency Finance Center located in Washington, D.C. .

Research Project: The objective of this research project is to assist EPA in a collaborative technical assistance (TA) initiative to help communities access the historic investment in water infrastructure available through the Infrastructure Investment and Jobs Act, P.L. 117-58, commonly referred to as the Bipartisan Infrastructure Law (BIL). EPA, in collaboration with EPA Regions and states, is developing a technical assistance program that helps communities successfully administer the Clean Water and Drinking Water State Revolving Fund (SRF) programs and the associated allotments for tribes, territories, and the District of Columbia. The project will conduct research to identify and provide new alternatives to identify disadvantaged communities that have limited awareness of SRF funding and have faced challenges applying SRF funding. The research will identify communities with long standing environmental justice issues and evaluate barriers to funding.

Learning Objectives: Under the guidance of a mentor, the participant will develop skills to advance the Agency's efforts on Technical Assistance through BIL. The participant will be able to present research results at technical conferences and collaborate with state, local, tribes, industries



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and other federal agencies and the general public aimed towards reaching and providing safe and effective water infrastructure as a key part of protecting human health and the environment for disadvantage communities across the United States. In addition, the participant will be exposed to research efforts aimed towards providing clean water to everyone water infrastructure protection, including physical damage and system failure.

Under the guidance of a mentor, the research participant will learn the following:

- Learn the challenges communities are facing in providing drinking water, wastewater, and storm water services to residents
- Learn about the Clean Water SRF Program
- Learn how to create new tools, communication products and technical guidance documents

Mentor(s): The mentor for this opportunity is Marissa Lynch (Lynch.Marissa@epa.gov). If you have questions about the nature of the research please contact the mentor.

Anticipated Appointment Start Date: Fall 2023. All start dates are flexible and vary depending on numerous factors. Click [here](#) for detailed information about start dates.

Appointment Length: The appointment may initially be for one year and may be renewed up to three additional years upon EPA recommendation and subject to availability of funding.

Level of Participation: The appointment is full-time.

Participant Stipend: The participant will receive a monthly stipend commensurate with educational level and experience. **At this time, master's degree stipends are ~\$64,957, and doctoral degree stipends are ~78,592 per year. Click [here](#) for detailed information about full-time stipends.**

EPA Security Clearance: Completion of a successful background investigation by the Office of Personnel Management (OPM) is required for an applicant to be on-boarded at EPA.

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 EPA. Participants do not become employees of EPA, 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.

ORISE offers all ORISE EPA graduate students and Postdocs a free 5 year membership to the National Postdoctoral Association (NPA).

The successful applicant(s) will be required to comply with Environmental,

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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).









Questions: Please see the [FAQ section](#) of our website. After reading, if you have additional questions about the application process, please email ORISE.EPA.OW@ornl.gov and include the reference code for this opportunity.

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

Preferred Skills:

- Community planning, engineering and project management skill sets are desired.

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 12/31/2023 11:59:00 PM.
- **Academic Level(s):** Graduate Students, Postdoctoral, or Post-Master's.
- **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([5](#) )
 - **Earth and Geosciences** ([4](#) )
 - **Engineering** ([5](#) )
 - **Environmental and Marine Sciences** ([7](#) )
 - **Life Health and Medical Sciences** ([6](#) )
 - **Mathematics and Statistics** ([2](#) )
 - **Other Non-Science & Engineering** ([1](#) )
 - **Social and Behavioral Sciences** ([9](#) )