

Opportunity Title: Addressing Environmental Justice Concerns Using Information Technology

Opportunity Reference Code: EPA-OEJ-2016-02

Organization U.S. Environmental Protection Agency (EPA)

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How to Apply A complete application consists of:

- An application
- Transcripts – [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 references

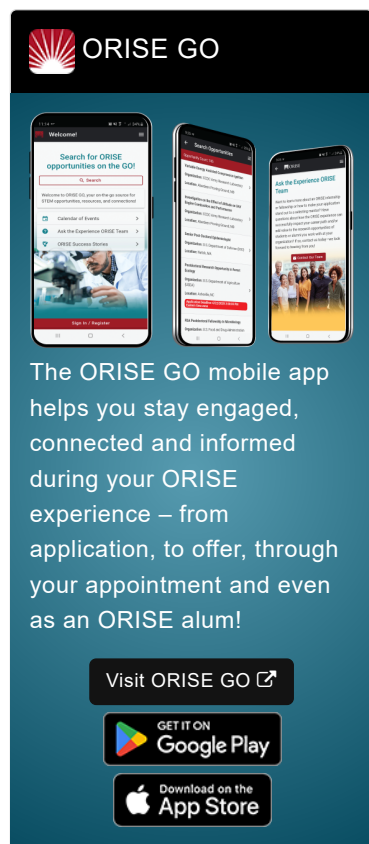
All documents must be in English or include an official English translation.

If you have questions, send an email to EPArpp@orau.org. Please include the reference code for this opportunity in your email.

Description A postgraduate internship project is available at the U.S. Environmental Protection Agency's (EPA) Office of Environmental Justice (OEJ) in Washington, DC.

The participant will learn how to use, improve, and further develop EJSCREEN, EPA's environmental justice screening and mapping tool. As part of the project the participant will be exposed to EPA methodologies and guided on how to use the various aspects of mapping, policy, environmental justice, and web technology to assess how to more effectively use the EJSCREEN. The participant will learn about federal government processes, how to conduct outreach projects, and how to apply collaborative problem solving methods within a team environment. With an emphasis on environmental justice, upon completion of the project the participant will be able to demonstrate a thorough understanding of how the EPA ensures that its programs meet the needs of low-income, minority, and tribal populations.

- Under the guidance of an Office of Environmental Justice team mentor, the participant may be involved in one or more of the following team activities:
- Participate in training to properly use EPA's EJSCREEN mapping tool and examine the environmental and demographic data in communities across the country.
- Learn how to use EJSCREEN data to create presentations and develop reports that convey information on EPA's environmental justice efforts and the efforts of community and governmental partners.
- Conduct research that aids EPA in identifying issues in communities with potential environmental justice concerns using EJSCREEN environmental and demographic datasets.
- Learn how to evaluate current uses of EJSCREEN and develop case studies that share information about potential uses with EPA and the public.
- Learn how to identify training challenges and how to develop training materials that communicate potential EJSCREEN uses for EPA and the public.



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- Participate in meetings associated with agency-wide management and implementation of EJSCREEN.

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and EPA.

Qualifications Applicants must have received a bachelor's or master's degree in geographic information systems, environmental science, computer science, communications, public policy, geography, public health, or a closely related field within five years of the desired start date, or completion of all requirements for the degree should be expected prior to the starting date.

The appointment is full time for one year and may be renewed upon recommendation of EPA and contingent on the availability of funds. The participant will receive a monthly stipend. Funding may be made available to reimburse the participant's travel expenses to present the results of his/her research at scientific conferences. No funding will be made available to cover travel costs for pre-appointment visits, relocation costs, tuition and fees, or participant's health insurance. The participant must show proof of health and medical insurance. **The participant does not become an EPA employee.**

The mentor for this project will be Matthew Tejada (tejada.mattew@epa.gov). The desired start date is January 9, 2017.

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
 - **Discipline(s):**
 - **Communications and Graphics Design** ([1](#)👁)
 - **Computer, Information, and Data Sciences** ([4](#)👁)
 - **Environmental and Marine Sciences** ([2](#)👁)
 - **Life Health and Medical Sciences** ([1](#)👁)
 - **Social and Behavioral Sciences** ([7](#)👁)