Opportunity Title
Sustainable Community Tool Development and Support

Reference Code
EPA-ORD-NHEERL-WED-2016-06

Description
A research opportunity is currently available at the U.S. Environmental Protection Agency’s (EPA) Office of Research and Development (ORD)/National Health and Environmental Effects Research Laboratory (NHEERL). This appointment will be served with the Western Ecology Division (WED) in Corvallis, OR.

WED's Freshwater Ecology Branch (FEB) Wetlands Group is investigating connections between wetland condition and wetland ecosystem services as part of the EPA's Safe and Sustainable Water Research Program.

The research group in which the candidate will be participating is mainly involved with creating and maintaining software decision support tools that can be used by communities for making decisions that contribute to sustainability. There are a wide variety of tools from a web based database inventory to planning tool plug-in modules to hydrological models. The tools represent a variety of programming languages and platforms, so we are looking for a participant with a broad range of skills and a willingness and desire to learn new ones.

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
Applicant should have a bachelor's degree in science, computer science with a strong background in software development, engineering, or related field within the last five years of the desired start date, or completion of all requirements for the degree should be expected prior to the start 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 and stakeholder venues. 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 is Allen Brookes (brookes.allen@epa.gov). The desired start date for this appointment is October 1, 2016.

**How To Apply**

[https://www.zintellect.com](https://www.zintellect.com)

Click on the opportunity catalog and search for EPA-ORD-NHEERL-WED-2016-06 or email, Margo Kosoff at kosoff.marguerite@epa.gov to be invited to apply.

A complete application consists of:

- An application
- Transcripts – [Click here for detailed information about acceptable transcripts](https://www.zintellect.com)
- 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.

**Number of Openings**

1

**Program**

Office of Research and Development/National Health and Environmental Effects Research Laboratory (ORD/NHEERL)

**Academic Levels**

Post-Bachelor's
Eligibility Requirements

**Degree:** Currently pursuing a Bachelor's degree or have received this degree within 60 months.

**Discipline(s):**

- **Computer Sciences**
- Computer Science - Languages and Systems
- Computer Science (general)
- Databases, Information Retrieval, and Web Search
- Graphics and Visualization
- Operating Systems and Middleware
- Scientific Computing and Informatics

- **Veteran Status:** None