

Opportunity Title: Postgraduate Research Opportunity in Environmental Risk Assessment

Opportunity Reference Code: EPA-OLEM-ORCR-2019-0010

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 recommendations

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.

Application Deadline 6/3/2019 3:00:00 PM Eastern Time Zone

Description Two full-time paid opportunities in environmental risk assessment are available with the U.S. EPA's Office of Resource Conservation and Recovery (ORCR).

ORCR works with state and regional partners to implement the Resource Conservation and Recovery Act (RCRA). Our mission is to protect human health and the environment by ensuring responsible management of hazardous and nonhazardous waste. ORCR's goals are to conserve resources by reducing waste, prevent future waste disposal problems through regulations, and clean up areas where waste may have spilled, leaked, or been improperly disposed.

The selected participants will collaborate with EPA scientists in one or more areas related to environmental human health and ecological risk assessment. Under the guidance of a mentor, the participants will develop novel risk assessments, improve tools used for evaluation of exposure, and/or characterize chemical hazard results. As part of this project, the participant will have the opportunity to become familiar with EPA risk assessment practices and policies. The participant will also gain an understanding of the ways in which scientific analyses influence and support environmental regulatory decision-making.

***Although the application deadline is June 3, applications will be reviewed on a rolling-basis.**

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. The initial appointment is for one year, but may be renewed upon recommendation of EPA and is contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level (at this time master's degree >\$55K/year, doctoral degree >\$67K/year) and experience. Funding may be made available to reimburse the participant's travel expenses to present the results of his/her research at scientific conferences. Proof of health insurance is required for participation in this program. There are two full-time appointments in the Arlington, Virginia, and Washington, DC, area. Participants do not become employees of EPA, DOE or the program administrator, and there are no employment-related benefits.

Qualifications The qualified candidate should have received a graduate degree from an accredited university related to biology, chemistry, engineering or a similar field, or be currently pursuing the degree and



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will reach completion by the start date of the appointment. Degree must have been received within five years of the appointment start date.

Desirable experience includes interdisciplinary coursework or professional experience in human health and environmental risk assessment, chemical toxicity assessment, exposure assessment/modeling, computer modeling, and/or statistics. Desirable skills in addition to a strong scientific education include attention to detail and strong teamwork and communication skills.

- Eligibility Requirements**
- **Citizenship:** LPR or U.S. Citizen
 - **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or anticipated to be received by 6/3/2019 12:00:00 AM.
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#))
 - **Communications and Graphics Design** ([2](#))
 - **Computer, Information, and Data Sciences** ([16](#))
 - **Earth and Geosciences** ([21](#))
 - **Engineering** ([27](#))
 - **Environmental and Marine Sciences** ([14](#))
 - **Life Health and Medical Sciences** ([45](#))
 - **Mathematics and Statistics** ([10](#))
 - **Other Non-Science & Engineering** ([1](#))
 - **Physics** ([1](#))
 - **Science & Engineering-related** ([1](#))
 - **Social and Behavioral Sciences** ([4](#))