

**Opportunity Title:** Ecology: Invasive Species Research

**Opportunity Reference Code:** ERDC-EL-2020-0029

**Organization** U.S. Department of Defense (DOD)

**Reference Code** ERDC-EL-2020-0029

**How to Apply** Components of the online application are as follows:

- Profile Information
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - 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. [Click here for detailed information about acceptable transcripts.](#)
- 1 Recommendation(s)

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.

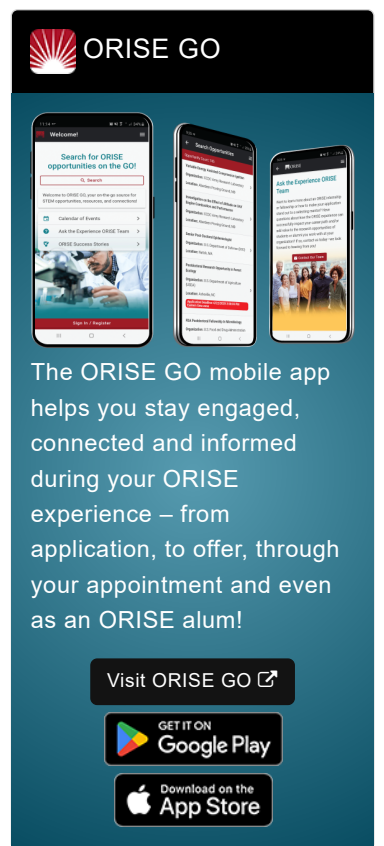
If you have questions, send an email to [USACE@orise.orau.gov](mailto:USACE@orise.orau.gov). Please list the reference code of this opportunity in the subject line of the email.

Letter of Recommendation: While a letter of recommendation is not required to be considered, applicants are required to provide contact information for one recommendation in order to submit the application. Applicants are encouraged to request a letter of recommendation before submission as this may help reviewers have a better understanding of the applicant's qualifications and interests. If selected, a letter of recommendation must be submitted on your behalf upon acceptance of the appointment.

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


**Description** The Environmental Laboratory (EL) provides relevant, value-added technology supporting the environmental mission of the US Army Corps of Engineers, the Army, the Department of Defense (DoD), and the Nation. Headquartered in Vicksburg, Mississippi, the EL's interdisciplinary staff of over 220 engineers, scientists, technicians, and support personnel plans and executes all phases of the technology development process, from basic research to field implementation to commercialization. The EL staff consists of problem solvers who use research, development, experimentation, special studies, and technical support to address the needs of national and international business development partners. Partnering with Federal and State agencies, academia, and the private sector, the EL uses its distinctive technical capabilities to resolve complex, multi-disciplinary environmental sustainability problems.


Under the guidance of a mentor, the participant will gain experience in a number of research projects related to invasive species ecology and management and insect-plant interactions. Research opportunities include: experience in experiments to determine susceptibility of invasive species to management actions such as biological control or herbicides, culture of aquatic and wetland plant species, participating in experiments to better understand establishment and spread of invasive plant species. In addition, the participant will be part of a team to study invasive




**ORISE GO**

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO 

GET IT ON  
 **Google Play**

Download on the  
 **App Store**

**Opportunity Title:** Ecology: Invasive Species Research

**Opportunity Reference Code:** ERDC-EL-2020-0029

species and their management, and as such, they will have numerous opportunities to observe and collaborate with scientists of varying backgrounds and expertise.

**Appointment Length**

This appointment is a part-time twelve month research appointment, with the possibility to be renewed for additional research periods. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

**Participant Benefits**

Participants will receive a stipend to be determined by **USACE**. Stipends are typically based on the participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:

- Health Insurance Supplement. *Participants are eligible to purchase health insurance through ORISE.*
- Relocation Allowance
- Training and Travel Allowance

**Nature of Appointment**

The participant will not enter into an employee/employer relationship with ORISE, ORAU, DOD, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

**Qualifications** The ideal candidate will demonstrate the ability to work both independently and on a multidisciplinary team. Candidate should be self-motivated to perform high-quality, detailed work towards solving complex invasive species problems. The candidate will receive mentoring from federal research scientists and technicians and assist in meeting research obligations with the opportunity to contribute to scientific publications and/or technical reports. Undergraduate degree received or currently pursuing.

- Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
  - **Degree:** Associate's Degree or Bachelor's Degree received within the last 60 months or currently pursuing.
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([12](#) 👁)
    - **Communications and Graphics Design** ([6](#) 👁)
    - **Computer, Information, and Data Sciences** ([17](#) 👁)
    - **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](#) 👁)

**Opportunity Title:** Ecology: Invasive Species Research

**Opportunity Reference Code:** ERDC-EL-2020-0029

- **Physics** ([16](#) 👁)
- **Social and Behavioral Sciences** ([20](#) 👁)
- **Age:** Must be 18 years of age