

**Opportunity Title:** Plant Science Research Technician - Postgraduate

**Opportunity Reference Code:** ERDC-EL-2021-0008

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

**Reference Code** ERDC-EL-2021-0008

**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.](#)
- 2 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.

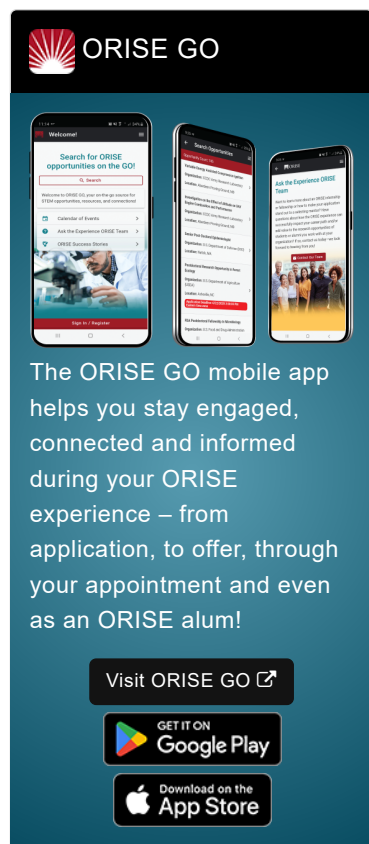
If you have questions, send an email to [USACE@orise.orau.gov](mailto:USACE@orise.orau.gov). Please list the reference code of this opportunity in the subject line of the email.

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 selected candidate will gain experience in a variety of research activities including, but not limited to, aquatic plant culturing/maintenance, plant physiology, herbicide technology, and new and innovative strategies for managing nuisance aquatic plants and algae. Areas to gain knowledge in include limnology, aquatic plant ecology/biology, hydrology, genomics, and herbicide physiology. The ideal candidate will have a demonstrated ability to participate in a highly dynamic interdisciplinary environment, exceptional record keeping




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skills and a general knowledge of wetland/aquatic weed science research methods. The candidate will receive mentoring from federal research scientists and technicians and participate in meeting research obligations with the opportunity to contribute to publications and/or technical reports.

**Length of Appointment**

This appointment is a full-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** Successful completion of Bachelor and Master's Degree in Agronomy/Weed Science, Wildlife Biology, or related discipline and 1+ year of work experience. Preferred qualifications include general knowledge of aquatic and wetland organisms and the management of nuisance aquatic plants. Applicant must have knowledge and research experience involving wetland/aquatic plants, water quality sampling, and geographic information systems (GIS). Additional experience/qualifications preferred include proficient use of ArcGIS and Microsoft office.

- Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
  - **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
  - **Academic Level(s):** Post-Bachelor's, Postdoctoral, or Post-Master's.
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([12](#) )
    - **Computer, Information, and Data Sciences** ([17](#) )
    - **Earth and Geosciences** ([21](#) )
    - **Engineering** ([27](#) )
    - **Environmental and Marine Sciences** ([14](#) )
    - **Life Health and Medical Sciences** ([45](#) )

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- **Mathematics and Statistics** ([10](#) )
- **Physics** ([16](#) )
- **Age:** Must be 18 years of age