

Opportunity Title: Geographic Information Systems (GIS) Researcher

Opportunity Reference Code: APGDPW-ENG-2019-0001

Organization U.S. Department of Defense (DOD)

Reference Code APGDPW-ENG-2019-0001

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 [Click here for detailed information about acceptable transcripts](#)
- Recommendations

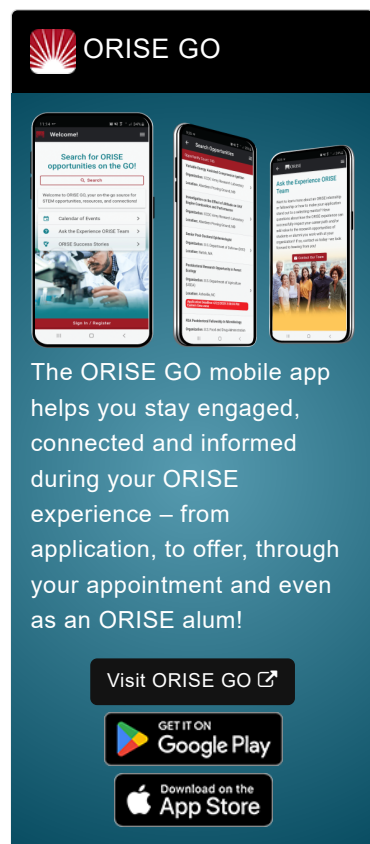
Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.

If you have questions, send an email to Army@orise.orau.gov Please list the reference code of this opportunity in the subject line of the email.

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

Description The Directorate of Public Works (DPW) is the U.S. Army Aberdeen Proving Ground's primary element for the maintenance of installations, infrastructure, and the environment. DPW encompasses the review of work classification and technical adequacy of all projects; reviews and validates submission of Military Construction (MILCON) projects for all construction and renovations development occurring on the Installation; manages IMCOM's Sustainment Restoration and Moderation (SRM) projects approved and funded for each fiscal year; updates Real Property assets, allowances, requirements, and programmed construction data in a variety of databases; provides day-to-day sustainment and maintenance support for the installation tenant activities; monitors and ensures all work and military-training activities are accomplished in compliance with Federal and State Environmental requirements/regulations; and provides oversight for all Quality of Life requirements for Housing all Service Members and their Families residing on the installation or in the local community. The Engineering Division provides support and construction project management to the U.S. Army Garrison. DPW's Engineering Division plans, organizes, coordinates, and oversees master planning, execution of design, construction, and real property management.

The ORISE participant shall collaborate with members of the Directorate of Public Works Master Planning and Real Property Division, as well as other areas, such as the Environmental Division, Operations Division and external entities, such as local governments and federal agencies. The



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researcher will collect, document and analyze data using Geographic Information Systems (GIS) software and Global Positioning Systems (GPS) equipment. This program will help the participant develop a wide breadth of knowledge in many diverse fields relating to the environment, master planning, real property, infrastructure and operations.

Appointment Length

This appointment is a 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 APGDPW-ENG. 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 candidate must have graduated with a four year degree in Geographic Information Systems (GIS) or a related field that included significant course work in the GIS field.

or

Have graduated from with a two year degree or certificate program in Geographic Information Systems (GIS)











Should have working knowledge of ESRI ArcGIS Software, with the ability to edit data, analyze data and create elaborate geodatabase schemas.

- Eligibility Requirements**

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

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- **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** ([2](#) )
- **Physics** ([16](#) )
- **Social and Behavioral Sciences** ([27](#) )