

Opportunity Title: ERDC-CRREL: Computer Scientist/Geographer Fellowship

Opportunity Reference Code: ERDC-CRREL-2025-0004

Organization U.S. Department of Defense (DOD)

Reference Code ERDC-CRREL-2025-0004

How to Apply Click on *Apply* now to start your application.

Application Deadline 10/31/2025 3:00:00 PM Eastern Time Zone

Description U.S. Army Corps of Engineers (USACE), Engineer Research and Development Center (ERDC), Cold Regions Research and Engineering Laboratory (CRREL), located in Hanover, New Hampshire, builds innovative products that support the warfighter, water resources, environment, infrastructure and homeland security. CRREL uses a multi-disciplinary research approach that solves the most difficult environmental physics and cold region engineering problems. With recognized international expertise, CRREL fosters partnerships across government agencies, academia and industry to solve complex problems.

What will I be doing?

Under the guidance of a mentor, you will gain knowledge in various applications of AI techniques to geospatial problems at the basic research level, including image analysis, synthesis, and geospatial large language model (LLM) network architecture.

Why should I apply?

This fellowship provides the opportunity to independently utilize your skills and engage with experts in innovative ideas to move the proposed research forward.

Where will I be located?

Hanover, New Hampshire

What is the anticipated start date?

January 2026

Exact start dates will be determined at the time of selection and in coordination with the selected candidate.

What is the appointment length?

This appointment is a full-time twelve-month research appointment. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

What are the appointment provisions?

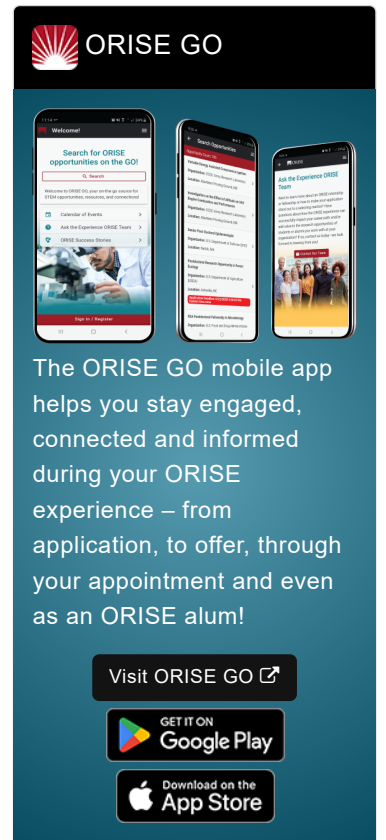
You will receive a stipend to be determined by ERDC-CRREL. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. Other provisions may include the following:

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

About ORISE



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This program, administered by Oak Ridge Associated Universities (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 DoD. Participants do not enter into an employee/employer relationship with ORISE, ORAU, DoD or any other office or agency. Instead, you will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE. For more information, visit the [ORISE Research Participation Program at the U.S. Department of Defense](#).

Qualifications The ideal candidate will have a doctoral degree in Geospatial Engineering, Geographic Information Systems, Artificial Intelligence, Computer Vision, or related field.

Application Requirements

A complete application consists of:

- Zintellect Profile
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - Please upload a copy of a transcript for your current or most recent degree program that meets the disciplinary qualifications of the opportunity. [Click here for detailed information about acceptable transcripts](#).
- One recommendation. We encourage you to contact your recommender(s) as soon as you start your application to ensure they are able to complete the recommendation form and to let them know to expect a message from Zintellect. Recommenders will be asked to rate your scientific capabilities, personal characteristics, and describe how they know you. You can always log back in to your Zintellect account and check the status of your application.

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blacked out, blackened out, made illegible, etc.) prior to uploading into the application system. All documents must be in English or include an official English translation. If you have questions, send an email to USACE@orise.orau.gov. Please list the reference code of this opportunity in the subject line of the email. Please understand that ORISE does not review applications or select applicants; selections are made by the sponsoring agency identified on this opportunity. All application materials should be submitted via the "Apply" button at the bottom of this opportunity listing. Please do not send application materials to the email address above.

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Point of Contact [Debbie](#)

Eligibility • **Citizenship:** U.S. Citizen Only

Requirements • **Degree:** Doctoral Degree received within the last 60 months or currently pursuing.

• **Discipline(s):**

◦ **Computer, Information, and Data Sciences** ([17](#)👁)

◦ **Earth and Geosciences** ([1](#)👁)

◦ **Engineering** ([1](#)👁)