Opportunity Title: Cold Regions Research & Engineering Laboratory 2020 Summer Intern Program
Opportunity Reference Code: ERDC-CRREL-2020-0001

Organization U.S. Department of Defense (DOD)

Reference Code ERDC-CRREL-2020-0001

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
- References

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. 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 U.S. Army Cold Regions Research and Engineering Laboratory (CRREL) (est. February 1, 1961) solves interdisciplinary, strategically important problems for the Corps of Engineers, Army, Department of Defense, and the Nation. CRREL discovers, develops, and delivers advanced and applied science and engineering to complex environments, materials, and processes in all seasons and climates. The U.S. Army Engineer Research and Development Center, CRREL is a national resource focused on solving specific, customer-driven problems and conducting innovative research in five program areas - Civil Works - Engineered Resilient Systems - Environmental Quality & Installations - Geospatial Research & Engineering - Military Engineering.

Students and recent graduates will research alongside CRREL staff and primary researchers. Students participating in the ORISE program at CRREL, will gain hands-on experience in a real world laboratory environment, in addition to modern research technologies and techniques. This experience will also focus on personal career development in the areas of STEM, providing opportunities to collaborate and network with other students and researchers across all STEM disciplines.

Research areas include:

- Science and technology for national security
- Unique, multidisciplinary expertise related to the Earth's cold regions
- Biogeochemical Sciences
- Force Projection and Sustainment
- Remote Sensing/Geographic Information Systems Center of Expertise
  - U.S. Ice Jam Database
  - U.S. National Levee Database
- Signature Physics
- Terrestrial and Cryospheric Sciences

Appointment Length

This ORISE appointment is a summer opportunity. 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 ERDC-CRREL. 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.*

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- 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.

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** High School Diploma/GED, Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.
- **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** (2 👁)
  - **Physics** (16 👁)
  - **Social and Behavioral Sciences** (27 👁)
- **Age:** Must be 16 years of age