

**Opportunity Title:** Epidemiologist Fellowship

**Opportunity Reference Code:** USAMRDC-RIEM-2024-0019

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

**Reference Code** USAMRDC-RIEM-2024-0019

**How to Apply** Click on *Apply* at the bottom of the opportunity to start your application.

**Description** What will I be doing?

The chosen candidate will collaborate with a diverse team of epidemiologists, statisticians, and Army personnel. Together, they will utilize Soldier performance health and readiness data for analyses, interpretation, and reporting of results. The data at your disposal includes demographic, administrative, medical, and performance data from the U.S. Army. Your role will involve assisting in the design, development, execution, and use of statistical and epidemiological approaches for research studies and program evaluation. You will also contribute to the analyses and evaluations of methodologies used to ensure the validity and reliability of the analytic output. Additionally, you will work with team members on data applications, data visualization, and manipulation for computational modeling. The majority of our studies focus on injury, behavioral health, traumatic brain injury, nutrition, and performance.

**Why should I apply?**

As an ORISE participant, you will be able to increase your knowledge of research design and execution to include retrospective and prospective cohort studies, population-level studies, different types of case/control studies, survey studies, and more. Under the direct supervision of a mentor, you will develop and execute original epidemiological research studies. You will also learn how to work with military data and how to create military-specific products while increasing your knowledge of how to work with:

- Data from biological samples
- Wearable devices
- Altitude related metrics
- Adverse health outcomes (predominantly injury and behavioral health)
- Biomechanics and performance.

**Where will I be located?**

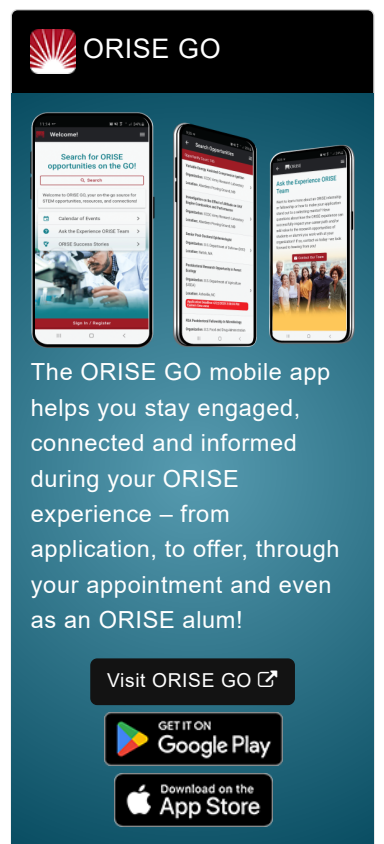
Natick, Massachusetts

**What is the anticipated start date?**

Exact start dates will be determined at the time of selection and in coordination with the selected candidate. Applications are reviewed on an ongoing basis and internships will be filled as qualified candidates are identified.

**What is the appointment length?**

This appointment is a one-year, *part-time* 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.



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#### What are the benefits?

You will receive a stipend to be determined by USARIEM. Stipends are typically based on a 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

As a participant, you will 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.

#### About USARIEM

The U.S. Army Research Institute of Environmental Medicine (USARIEM), in Natick, Massachusetts has four divisions: Military Nutrition, Military Performance, Thermal and Mountain Medicine, and Research Support. By leveraging its unique capabilities and facilities with industry, academia, and the government, USARIEM produces various essential products, including performance optimization doctrine, preventive medicine, planning doctrine, materiel development support, physiological monitoring strategies and predictive algorithms, and Health Hazard Assessments.

#### About ORISE

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** An acceptable candidate should have or be pursuing a graduate degree or above in epidemiology, statistics, biostatistics, or a relevant field.

The following are preferred skills and are not required:

- Prior experience in leading the design and development of epidemiological projects to include statistical analysis plans
- Be able to apply traditional and novel statistical and epidemiological methods to analyze relations between risk factors and health outcomes, including time to event analyses and modeling
- Proficiency in SAS programming language is essential
- Experience with R programming language and SPSS
- Experience communicating with scientific collaborators and writing scientific reports

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- Experience in using electronic health records (ICD-9/10 codes) for research purposes
- Experience with injury and behavioral health research studies







**Application Requirements**

A complete application consists of the following:

- Zintellect Profile
- Educational and Employment History
- CV and Cover Letter describing achievements, research interests, career goals, reason of interest, and suitability for this appointment (maximum two pages) - please upload to the resume section on the application
- 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.](#)
- One Recommendation
- If you have questions, send an email to [orise-army-mrdc-riem@orise.orau.gov](mailto:orise-army-mrdc-riem@orise.orau.gov). Please list the reference code of this opportunity USAMRDC-RIEM-2024-0019 in the email's subject line. 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.

**Connect with ORISE...on the GO!** Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

- Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
  - **Degree:** Master's Degree or Doctoral Degree received within the last 12 months or anticipated to be received by 12/31/2026 12:00:00 AM.
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([12](#) )
    - **Earth and Geosciences** ([21](#) )
    - **Environmental and Marine Sciences** ([14](#) )
    - **Life Health and Medical Sciences** ([51](#) )
    - **Mathematics and Statistics** ([11](#) )
    - **Social and Behavioral Sciences** ([30](#) )
  - **Age:** Must be 18 years of age