

Opportunity Title: USARIEM Injury and Performance Epidemiology Data

Analyst Fellowship

Opportunity Reference Code: USAMRMC-RIEM-2021-0039

Organization U.S. Department of Defense (DOD)

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

Description The U.S. Army Research Institute of Environmental Medicine (USARIEM) is offering a post master's fellowship at the Natick, Massachusetts facility.

What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers in an effort to primarily focus on evaluating injury and performance in the military.

You will support projects along with a multidisciplinary team of epidemiologists, statisticians and Army personnel using big data from the Soldier Performance and Health Database (SPHERE) in order to perform analyses, interpretation and reporting of results from this population level observational/clinical dataset.

Why should I apply?

Under the guidance of a mentor, you will gain hands-on experience to complement your education and support your academic and professional goals. Along the way, you will engage in activities and research in several areas. These include, but are not limited to,

- Partake in the design, development and use of statistical and epidemiological approaches for research studies and program evaluation and assist in analyses and interpretation of analytic output.

Where will I be located?

Natick, Massachusetts

What is the anticipated start date?

USARIEM is ready to make appointments immediately. 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.

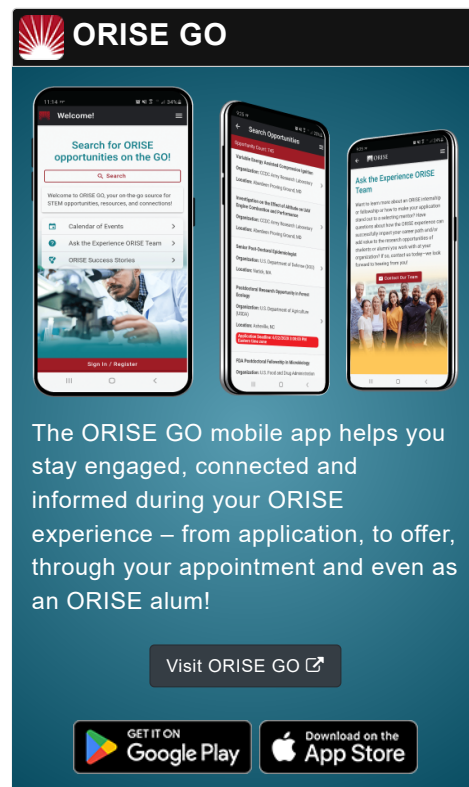
What is the appointment length?

This appointment is a 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.

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*



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- Relocation Allowance
- Training and Travel Allowance

About USARIEM

[USARIEM](#) is an internationally recognized research center of excellence for Warfighter performance science and its useful applications. The 50-year old+ Institute functions as a world-class laboratory for environmental medicine, physiology, health, performance and nutrition research. Research studies are conducted by scientists from four research divisions, working in concert with one another, as well as in collaboration with other world-class scientists from government, industry and academia. Research divisions are: Biophysics & Biomedical Modeling (BBMD), Military Nutrition (MND), Military Performance (MPD), Thermal & Mountain Medicine (TMMD).

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

The qualified candidate should have a masters degree in public health, epidemiology, statistics, biostatistics, or a relevant field, or will have received the degree by June 30, 2021. Degree must have been received within five years of the appointment start date. U.S. military veterans who have been honorably discharged (or who have been medically discharged because of a service-connected disability) and who received a masters degree within ten years of the desired start date are also eligible.

Highly competitive applicants will have education and/or experience in one or more of the following:

- Experience in using descriptive and analytical statistics including parametric and nonparametric tests and cross sectional and longitudinal statistical modeling for ecologic, cohort, and case control studies with a specific focus in occupational settings.
- Experience in applying traditional and novel statistical and epidemiological methods to analyze relations between risk factors and health outcomes, including time to event analyses, prediction modeling and absolute risk modeling.
- Proficiency in SAS programming language is essential.
- Experience with R programming language and SPSS in general is preferred.
- Experience communicating with scientific collaborators and writing scientific reports.
- Experience in using electronic health records (ICD-9/10 codes) for research purposes is preferred.

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- Experience with injury and behavioral health research studies is preferred.

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 - 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 ARMY-MRMC@orise.orau.gov. Please list the reference code of this opportunity [USAMRMC-RIEM-2021-0039] in the subject line of the email.

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:** Currently pursuing a Master's Degree or Doctoral Degree to be received by 6/30/2021 12:00:00 AM.
- **Overall GPA:** 3.20
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (12 )
 - **Earth and Geosciences** (21 )
 - **Environmental and Marine Sciences** (14 )
 - **Life Health and Medical Sciences** (46 )
 - **Mathematics and Statistics** (10 )
 - **Social and Behavioral Sciences** (28 )
- **Age:** Must be 18 years of age
- **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).