

**Opportunity Title:** Injury and Performance Epidemiology Fellow

**Opportunity Reference Code:** USAMRMC-RIEM-2021-0030

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

**Reference Code** USAMRMC-RIEM-2021-0030

**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
- Recommendation

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.

If you have questions, send an email to [ARMY-MRMC@orise.ora.gov](mailto:ARMY-MRMC@orise.ora.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 Research Institute of Environmental Medicine (USARIEM), located in Natick, Massachusetts, is an internationally recognized center of excellence for Warfighter health and performance science and its applications. The Institute functions as a world-class laboratory for environmental medicine, physiology, and nutrition research. USARIEM's highly skilled scientists conduct research in Biophysics & Biomedical Modeling (BBMD), Military Nutrition (MND), Military Performance (MPD), and Thermal & Mountain Medicine (TMMD).

The selected candidate will observe and participate with a team of epidemiologists and Army personnel within the Total Army Injury and Health Outcomes Database (Military Performance Division) to collate, organize, and analyze information on health outcomes including injury and physical performance, as well as on related programs centered around Soldier performance and readiness. Under the guidance of a mentor, the candidate will support the data management steps required for the integration of several different Army population-level databases into a unified database. The selected candidate will participate in several projects, learning to analyze these databases, assisting in program evaluation, answering research questions, and learning database management and statistical analysis using SAS.

For more information about USARIEM, please visit <https://www.usariem.army.mil/>.

**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 USARIEM. Stipends are typically based on the participant's academic standing, discipline, experience, and research facility location. Other




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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 should possess a Master's of Public Health or a Master's of Epidemiology degree with emphasis on epidemiology and/or biostatistics. Candidates with experience with project management as well as programming within the statistical software program SAS, which includes statistical analyses and basic database management, will be viewed more favorably. The candidate should have a general knowledge of basic statistics, i.e., how to use descriptive and analytical statistics for cohort, population, and case control studies and covering skills such as t-test, ANOVA, nonparametric testing, and study design. Additionally linear regression, logistic regression, and survival analysis experience is preferred. More advanced knowledge of statistics is preferred. Familiarity with healthcare, fitness, and the military would be helpful.

Other preferred skills as well as skills to be developed will include research project management, database management and statistical analysis using SAS. A candidate should have study design knowledge and understanding, the ability and willingness to collect data in-person and coordinate project execution in-person (which may require travel), and strong writing skills to assist in manuscript preparation.

- Eligibility Requirements**

  - **Citizenship:** U.S. Citizen Only
  - **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or currently pursuing.
  - **Overall GPA:** 3.20
  - **Academic Level(s):** Postdoctoral or Post-Master's.
  - **Discipline(s):**
    - **Life Health and Medical Sciences** ([29](#) 👁)
    - **Mathematics and Statistics** ([1](#) 👁)
  - **Age:** Must be 18 years of age