

Opportunity Title: Nutritional Sciences and Exercise Physiology Fellowship

Opportunity Reference Code: USAMRDC-RIEM-2025-0002

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), a subordinate laboratory of the U.S. Army Medical Research and Development Command (USAMRDC), is an internationally recognized center of excellence for Warfighter performance science and its practical applications. This ORISE fellowship is an opportunity to collaborate on ongoing studies within the Military Nutrition Division, focusing on the integrative effects of dietary composition and exercise on substrate oxidation and physical performance.

What will I be doing?

As part of this learning experience, you will assist with the execution of randomized controlled trials that examine the impact of nutrition, exercise, dietary supplements, and pharmacological interventions for Warfighters exposed to military operational stress. During your appointment, you will receive hands-on experience collecting data from exercise testing, indirect calorimetry, stable isotope methodologies, and biological samples. This fellowship will also provide you the opportunity to gain experience analyzing biological samples using benchtop laboratory techniques, such as Western blotting, Polymerase Chain Reaction (PCR), and enzyme activity assays. Beyond experiences with data collection and analysis, you will have the opportunity to travel and present research findings at annual scientific and military conferences.

Why should I apply?

Under the guidance of a mentor, you will have the opportunity to develop career and education goals that will prepare you for your future.

Where will I be located?

Natick, Massachusetts

What is the anticipated start date?

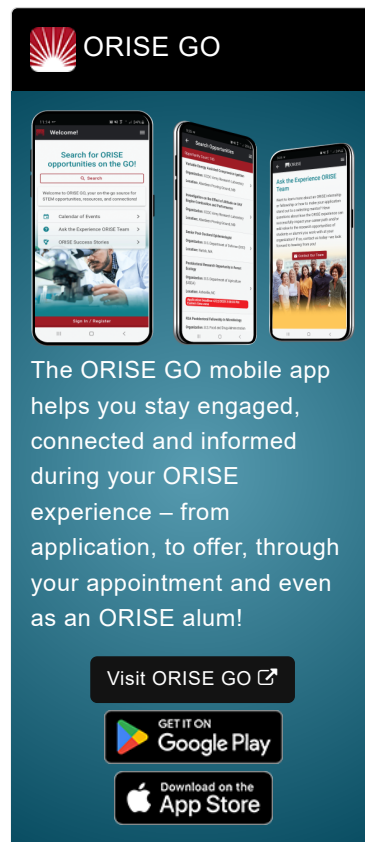
USARIEM is ready to make an appointment effective **early June 2025**. Exact start dates will be determined at the time of selection and in coordination with the selected candidate. Applications are reviewed on an ongoing basis, and internships will be filled as qualified candidates are identified.

What is the appointment length?

This appointment is a full-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.


What are the benefits?


You will receive a stipend, which will 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:




ORISE GO

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- 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 Qualified candidates must be pursuing a degree or received a degree within six months of a bachelor's or master's degree in:

- Biology (General)
- Nutritional Sciences
- Physiology

Highly competitive applicants will have experience or skills in the following:

- Experience in exercise physiology and/or sports nutrition
- Experience with molecular biology wet laboratory techniques
- Experience using SPSS for statistical analysis

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

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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-mrhc-riem@orise.orau.gov. Please list the reference code of this opportunity, USAMRDC-RIEM-2025-0002, 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!

Point of Contact [Brittany](#)

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| Eligibility Requirements | <ul style="list-style-type: none">• Citizenship: U.S. Citizen Only• Degree: Bachelor's Degree or Master's Degree received within the last 6 months or anticipated to be received by 8/31/2025 12:00:00 AM.• Discipline(s):<ul style="list-style-type: none">◦ Life Health and Medical Sciences (3 )• Age: Must be 18 years of age |
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