

**Opportunity Title:** Nutrition and Human Performance Fellowship at the U.S. Army Research Institute of Environmental Medicine (USARIEM)  
**Opportunity Reference Code:** USAMRDC-RIEM-2022-0037

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

**Reference Code** USAMRDC-RIEM-2022-0037

**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) Military Nutrition Division (MND) is offering an internship.

### What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers in an effort to design nutritional solutions for improving the health and performance of military personnel.

Studies within the MND have identified relationships between gut microbiota, physiology, metabolism, and health and performance outcomes in military personnel. Ongoing studies are using nutritional approaches targeting the gut microbiota to improve military performance. As the selected candidate, you will support this line of research.

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,

- Engaging in the execution of randomized controlled trials conducted at the USARIEM and at locations throughout the United States.
- Receiving hands-on experience collecting, processing, and analyzing biological samples and human subjects' data.
- Learning and conducting research techniques, including ELISA, qPCR, flow cytometry, indirect calorimetry, stable isotopes, and exercise testing.
- Gaining experience analyzing and interpreting data for presentation and publication.

For more information about this open opportunity, please contact:

J. Philip Karl, Ph.D., RD

508-206-2318

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### Where will I be located?

Natick, Massachusetts

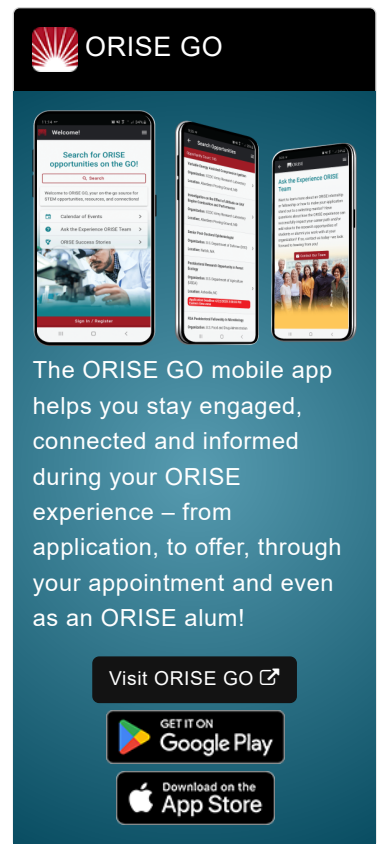
### What is the anticipated start date?

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 fellowships will be filled as qualified candidates are identified.

### What is the appointment length?



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Appointments are initially for one year with the option to extend the appointment for up to four additional years, contingent upon project needs and funding availability.

### **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

### **About USARIEM**

[USARIEM](#), located 20 miles from downtown Boston in Natick, Massachusetts, is an internationally recognized laboratory of environmental medicine, physiology, and nutrition research within the U.S. Army Medical Research and Development Command. The USARIEM Military Nutrition Division (MND) conducts research on nutritional issues affecting the health, performance and mission-readiness of military personnel, and supports the U.S. Army Surgeon General's responsibilities as the Department of Defense's executive agent for nutrition research.

### **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** Candidates should have recently earned a Bachelor's or Master's degree in nutritional science, physiology, biology or a related field. Degree must have been received within five years of the appointment start date.

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

- Strong communication and organizational skills .
- Human subjects research, laboratory techniques such as ELISA and qPCR, bioinformatics, or computational biology.

### **Application Requirements**

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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.](#)
- Two Recommendations. Your application will be considered incomplete and will not be reviewed until two recommendations are submitted. We encourage you to contact your recommenders as soon as you start your application to ensure they are able to complete the recommendation form and to let them know to expect a message from Zintellect. Recommenders will be asked to rate your scientific capabilities, personal characteristics, and describe how they know you. You can always log back in to your Zintellect account and check the status of your application.

If you have questions, send an email to [ARMY-MRMC@orise.orau.gov](mailto:ARMY-MRMC@orise.orau.gov). Please list the reference code of this opportunity [USAMRDC-RIEM-2022-0037] in the subject line of the email. 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:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([12](#))
    - **Environmental and Marine Sciences** ([14](#))
    - **Life Health and Medical Sciences** ([48](#))
    - **Physics** ([16](#))
    - **Social and Behavioral Sciences** ([28](#))