

Opportunity Title: USARIEM Postdoctoral Fellowship in Bioinformatics, Nutrition, and Human Performance

Opportunity Reference Code: USAMRMC-RIEM-2021-0023

Organization	U.S. Department of Defense (DOD)
Reference Code	USAMRMC-RIEM-2021-0023
How to Apply	Click on <i>Apply</i> 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 a a postdoctoral 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 better understand the impact of nutrition on military personnel.

Ongoing studies within the MND are identifying relationships between the gut microbiome, physiology and metabolism, and health and performance outcomes in military personnel. These research studies seek to use nutritional approaches targeting the gut microbiome and other biological systems to improve physical, cognitive and occupational performance. If you are selected for this fellowship, you will expand this line of research by participating in studies and using computational approaches to identify effective targeted nutritional strategies for improving performance of military personnel under physical, environmental and cognitive stress.

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,

- Career development through conducting human research, analyzing data, and authoring manuscripts

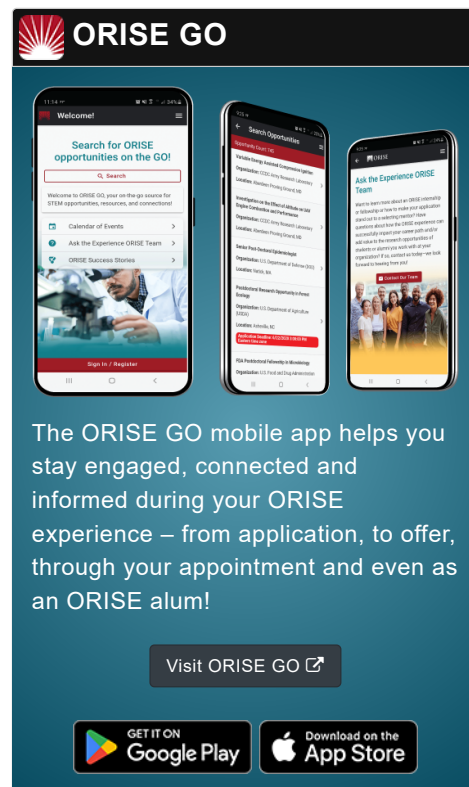
Mentoring and training will be under the direction of Dr. J. Philip Karl, Nutrition Scientist, and Dr. Harris Lieberman, Nutritional Neuroscientist.

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.

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What is the appointment length?

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 center for nutrition, physiology, and environmental medicine research within the U.S. Army Medical Research and Development Command (<https://www.usariem.army.mil/>). The USARIEM Military Nutrition Division (MND) conducts research in our laboratories and at locations in the US and abroad centered on nutritional and physiological issues affecting the health, performance and mission-readiness of military personnel.

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 received, or expect to have received by December 31, 2021, a doctoral degree in bioinformatics, microbial ecology, or a closely related field, and have some background in nutrition science, exercise physiology or a closely related field. Alternatively, candidates should have recently received, or expect to have received by December 31, 2021, a doctoral degree in nutrition science, exercise

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physiology or a closely related field and have a strong background in bioinformatics, microbial ecology, or a closely related field. Degree must have been received within two years of the appointment start date.

Highly competitive applicants will have demonstrated proficiency with written and oral communication, exemplary organizational skills, and strong analytical and computational research skills.

US Citizenship and travel are required.

The successful applicant will be required to comply with Environmental, Safety and Health (ES&H) requirements of the host facility, including but not limited to COVID-19 requirements (e.g. facial covering, physical distancing, testing vaccination).

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.](#)
- 2 Recommendations

If you have questions, send an email to ARMY-MRMC@orise.orau.gov. Please list the reference code of this opportunity [USAMRMC-RIEM-2021-0023] in the subject line of the email.

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Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Doctoral Degree received within the last 24 months or anticipated to be received by 12/31/2021 12:00:00 AM.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (12 )
 - **Computer, Information, and Data Sciences** (17 )
 - **Earth and Geosciences** (1 )
 - **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

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