Opportunity Title: Musculoskeletal Injury Translational Support Scientist
Opportunity Reference Code: USAMRMC-RIEM-2019-0013R

Organization U.S. Department of Defense (DOD)

Reference Code USAMRMC-RIEM-2019-0013R

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(s)

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.

If you have questions, send an email to ARMY-MRMC@orise.orau.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.

Application Deadline 12/31/2020 3:00:00 PM Eastern Time Zone

Description The U.S. Army Research Institute of Environmental Medicine (USARIEM), a subordinate laboratory of the U.S. Army Medical Research and Materiel Command (USAMRMC), is an internationally recognized center of excellence for Warfighter performance science and its useful applications. The Institute functions as a world-class laboratory for environmental medicine, physiology, performance, and nutrition research. It features integrated cellular, tissue, & human research programs.

With the collaborative support of mentoring institute scientists, the post-doctoral participant will support establishing a translational research line within the military personnel division. This will identify the underlying mechanisms of a skeletal overuse injury, and screen potential interventions/ countermeasures to reduce injury risk in preclinical models. In addition, this research will include laboratory-based and field-based hands-on experience while identifying other possible translational research opportunities. The participant will gain experience with human research studies investigating the effects of military occupational (e.g., physical/cognitive exertion) and environmental (e.g., heat, cold, altitude, dietary intake) exposures on physical performance. The participant will also have the opportunity to network and interact with the broader scientific community and DoD research communities at conferences and other research venues.

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 benefits may include the following:

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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

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

Educational background and skills considered strongly favorable:

1. PhD in biology, physiology, or similar
2. 3 years of post-doctoral experience conducting basic animal model research in skeletal metabolism with commensurate publication history
3. Experience with animal models of loading/adaptation/fatigue fracture with strong potential to carry findings forward into early clinical models in collaboration with existing MPD investigators
4. Experience with muscle/bone interactions would be desirable, but not required
5. Candidate must demonstrate the interest and potential to collaborate with outside institutes on either animal model development or analysis of biological samples

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
  - **Environmental and Marine Sciences** (1 👁)
  - **Life Health and Medical Sciences** (45 👁)
  - **Mathematics and Statistics** (1 👁)
- **Age:** Must be 18 years of age

Affirmation

Please note: All candidates selected under the degree status of currently pursing, will be permitted to start after their degree has been conferred.