Opportunity Title: EACE Musculoskeletal Injury Research Fellow
Opportunity Reference Code: EACE-2021-0001

Organization U.S. Department of Defense (DOD)

Reference Code EACE-2021-0001

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 - 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.
- Recommendation(s) Required

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 STEM-WORKFORCE@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.

Description

The Extremity Trauma and Amputation Center of Excellence (EACE) is the leading advocate for research and treatment of Department of Defense (DoD) and Department of Veterans Affairs (VA) patients with extremity trauma and amputation. The EACE leads efforts to enhance collaboration between the DoD and the VA extremity trauma and amputation care providers and conduct scientific research to minimize the effects of traumatic injuries and improve clinical outcomes (https://www.health.mil/About-MHS/OASDHA/HSPO/EACE). This position will be housed at Womack Army Medical Center (WAMC) located on Fort Bragg, NC, the largest military base in the United States. The EACE Musculoskeletal Injury Research Fellow will primarily interface with the EACE-WAMC/FB team, relevant clinical teams (e.g., physical therapy, orthopedic surgery), and operational units with which the EACE-WAMC/FB are collaborating. The EACE Musculoskeletal Injury Research Fellow will have the unique opportunity to conduct clinical-/field-based research that will have direct impact on the Service member health and medical readiness.

Under the guidance of a mentor, the EACE Musculoskeletal Injury Research Fellow will participate in clinical- and field-based data collections, study participant tracking, data management, data analyses, and assist with the dissemination of project findings and idea development. The two broad areas of research focus will be on the identification and mitigation of primary and secondary musculoskeletal injury risks among active duty Service members. These efforts will involve the use of novel low/no tech field-expedient clinical assessments. The information elucidated from these efforts will be provided back to healthcare providers and other interested stake holders so that targeted musculoskeletal injury risk mitigation strategies can be developed and directly benefit Service members.

Appointment Length

This appointment is a eight 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 **EACE**. Stipends are typically based on the 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

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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.

Desired Appointment Start Date: 2/14/2021

Qualifications

Requirements:

- U.S. Citizenship, ability to obtain Secret clearance through background checks

- Required Knowledge, Skills, and Abilities: Experience in the fields of human movement science, biomechanics, musculoskeletal healthcare, or related fields is required. Specific research background in the area of extremity musculoskeletal injury risk factor identification is highly desired. A track record of publication and excellent technical writing skills are preferred.

- Minimum Education/Training Requirements: BS/BA from an accredited institution in allied health sciences, biomechanics, human movement science, or a related field.

- Minimum Experience: 1-2 years of experience evaluating human movement and musculoskeletal injury risk identification

- Physical Capabilities: Long periods of standing and sitting

- Work Environment: The work environment is an office setting with routine work within clinical and field settings

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or anticipated to be received by 2/14/2021 12:00:00 AM.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (12 👁)
  - **Communications and Graphics Design** (2 👁)
  - **Computer, Information, and Data Sciences** (16 👁)
  - **Earth and Geosciences** (21 👁)
  - **Engineering** (27 👁)
  - **Environmental and Marine Sciences** (14 👁)
  - **Life Health and Medical Sciences** (45 👁)
  - **Mathematics and Statistics** (10 👁)
  - **Other Non-Science & Engineering** (2 👁)
  - **Physics** (16 👁)
  - **Science & Engineering-related** (1 👁)
  - **Social and Behavioral Sciences** (27 👁)