

**Opportunity Title:** Bio Medical Research for Battlefield Pain

**Opportunity Reference Code:** USAISR-2020-0036



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

**Reference Code** USAISR-2020-0036

**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 may be submitted. [Click here for detailed information about acceptable transcripts.](#)
- Recommendation(s)

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blacked 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](mailto: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.

## Description

The USAISR is one of six research laboratories within the U.S. Army Medical Research and Materiel Command (USAMRMC). The institute is the U.S. Army's lead research laboratory for improving the care of combat casualties. Its mission is to provide requirements driven combat casualty care medical solutions and products for injured soldiers from self -aid through definitive care across the full spectrum of military operations. Additionally it provides state-of-the-art burn, trauma, and critical care to DoD beneficiaries around the world.

Participants in this research opportunity will study the effects of analgesic interventions on animal behavior and stress. Researching under the mentorship of world-class U.S. Army medical professionals, the participant will analyze the effects of drugs on behavioral responses and biomarker gene expression in the rat model. The intern's research will help identify differentially expressed genes/metabolites, the typical end products of the cellular perturbations. The participant will collaborate with mentoring primary investigators to find signatures of treatment efficacy.

### 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 USAISR. 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

### 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

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participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

### Qualifications

Candidate must be pursuing or have recently completed a bachelor's degree.

### Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
  - **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-S&E** (2 )
  - **Other Physical Sciences** (12 )
  - **Other S&E-Related** (1 )
  - **Physics** (16 )
  - **Social and Behavioral Sciences** (27 )
- **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).