

Opportunity Title: Research Fellowships in Traumatic Brain Injury

Opportunity Reference Code: MRMC-WRAIR-2019-0005

Organization U.S. Department of Defense (DOD)

Reference Code MRMC-WRAIR-2019-0005

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 - [Click here for detailed information about acceptable transcripts](#)
- Recommendations

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. 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 We are currently seeking individuals for full-time, paid fellowships to gain STEM experience in the Brain Trauma and Neuroprotection Branch, Center for Military Psychiatry and Neuroscience at Walter Reed Army Institute of Research (WRAIR) located in Silver Spring, MD. Our research focuses on investigating neuroprotective and neurorestorative therapies for brain trauma using experimental models of severe traumatic brain injury. For more information about WRAIR, please visit the following link: <https://www.wrair.army.mil/Default.aspx>.

Our research focuses on investigating neuroprotective and neurorestorative therapies for brain trauma, using experimental models of severe traumatic brain injury. The participant will learn skills that will further their careers in science or medicine, while learning techniques that will transfer into new job opportunities. The participant will have the opportunity to learn how to conduct experiments in a fast-paced neuroscience laboratory environment and will acquire knowledge and understanding in the following areas:

- Rodent surgery
- Rodent neurobehavioral testing
- Drug administration
- Collection of biological samples
- Euthanasia and necropsy work
- Histopathological analysis
- Data entry and presentation of findings at scientific conferences

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



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Participants will receive a stipend to be determined by WRAIR. 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 participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

Qualifications Basic knowledge of neuroscience, molecular biology, and/or physiology, as well as proficiency with Microsoft Word and Excel is required. Prior research lab experience, especially previous experience with small animal models (rodent), is highly preferred. Animal surgical experience is a plus.

B.S. degree is required. The internship requires a minimum 12-month commitment. A strong GPA (>3.0) with a major in neuroscience, psychology, biology, pre-med/pre-dental/pre-pharmacy, or an equivalent degree is a plus.

- Eligibility Requirements**

- **Citizenship:** LPR or U.S. Citizen
 - **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
 - **Overall GPA:** 3.00
 - **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([16](#) 👁)
 - **Engineering** ([1](#) 👁)
 - **Environmental and Marine Sciences** ([1](#) 👁)
 - **Life Health and Medical Sciences** ([45](#) 👁)