Opportunity Title: In vivo Model Researcher
Opportunity Reference Code: MRMC-WRAIR-2020-0003

Organization U.S. Department of Defense (DOD)

Reference Code MRMC-WRAIR-2020-0003

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
- 1 Recommendations

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.

Description The Walter Reed Army Institute of Research (WRAIR) aims to conduct biomedical research that is responsive to Department of Defense and U.S. Army requirements to deliver lifesaving products including knowledge, technology and medical material that sustain the combat effectiveness of the warfighter. WRAIR carries out research to develop infectious disease countermeasures and to benefit brain health through studies to enhance our understanding of sleep, traumatic brain injury prevention/treatment and psychological resilience.

Walter Reed Army Institute of Research (WRAIR) is offering a research fellowship in the Bacterial Disease Branch in Wound Infections Department (WID). WID's mission is to defeat combat related wound infections caused by multi-drug resistant bacteria. Scientist within the Wound Infections Department conduct translational research in the areas of bacterial pathogenesis, novel therapeutics, and diagnostics. As an ORISE fellow, you have an opportunity to significantly contribute to the ongoing efforts involving in vivo animal models of wound infection to evaluate novel therapies against wound infections caused by Acinetobacter baumannii, Pseudomonas aeruginosa, Staphylococcus aureus, and Klebsiella pneumonia. Under the guidance of a mentor, you will collaberate with a research team focused on the development of novel therapeutics to combat multi-drug resistant organisms. Your mentor will focus on providing you with the knowledge needed to gain a full understanding of all aspects of the drug development process from the stages of early discovery to clinical trials.

For more information on WRAIR, please visit us at www.wrair.army.mil.

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 WRAIR. Stipends are typically based on the

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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

BS in animal science, microbiology, biology, or other related scientific field of study; applicable experience may be substituted for education.

Experience in the following areas preferred: rodent survival surgery to include mice, rats, and swine; inocula preparation, dilution series preparation, pipetting, sampling tissue for culture and molecular characterization of bacterial contents; use and trouble shooting of anesthesia equipment, surgical monitoring equipment, and surgical instruments.

Eligibility Requirements

- **Degree:** Bachelor's Degree received within the last 60 month(s).
- **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 👁)