

Opportunity Title: WRAIR: Sleep and Human Performance Research Fellowship

Opportunity Reference Code: MRDC-WRAIR-2023-0017

Organization U.S. Department of Defense (DOD)

Reference Code MRDC-WRAIR-2023-0017

How to Apply Click on *Apply* at the bottom of the opportunity to start your application.

Description The Walter Reed Army Institute of Research (WRAIR) Behavioral Biology Branch (BBB) is offering a research fellowship for current or recently graduated master's or postdoctoral applicants. WRAIR is a premier research institution dedicated to soldier and world health. WRAIR aims to conduct biomedical research that is responsive to the Department of Defense and U.S. Army requirements and delivers lifesaving products, including knowledge, technology and medical material that sustain the warfighter's combat effectiveness. In addition, WRAIR conducts military psychiatry and neuroscience research, from basic studies to advanced development and provides unique research capabilities and innovative medical solutions to a range of Force Health Protection and Readiness challenges currently facing U.S. Service Members, along with threats anticipated during future operations.

What will I be doing and why I should apply?

As an ORISE participant and under the guidance of a mentor, you will be engaged as a sleep researcher examining the effect of sleep loss on Soldier health and performance, with a focus on field research in operational settings. While conducting activities as both a collaborative member of a team and as an independent researcher, your research experiences will include:

- Advanced experience with statistical programs
- Formulating, designing, and executing research studies on sleep loss and human performance
- Planning, organizing, and executing studies in field and operational environments
- Learning how to prepare research teams for deployment to field environments
- Designing surveys, conducting interviews, and analyzing and evaluating results using advanced statistical techniques and computer software

Additional learning opportunities may include psychological and biological marker collection and assessments related to sleep, circadian, and fatigue effects. Outcomes of this research will contribute to the development of interventions and/or strategies to mitigate the negative effects from sleep loss and circadian misalignment during military operations.

Where will I be located?

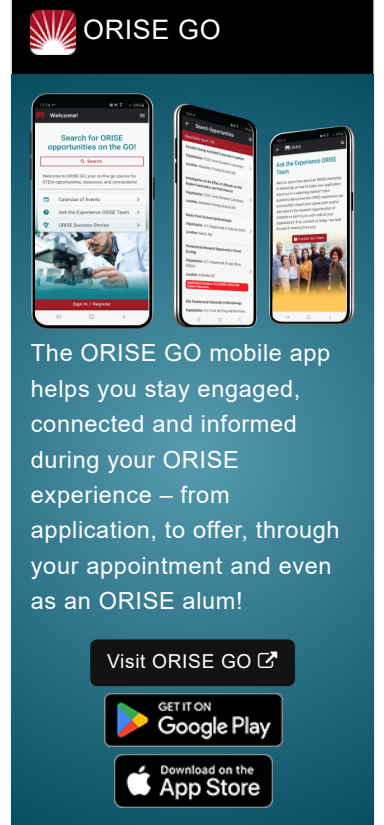
Silver Spring, Maryland

What is the anticipated start date?

The Walter Reed Army Institute of Research is ready to make appointments immediately. Exact start dates will be determined at the time of selection and in coordination with the selected candidate. Applications are reviewed on an ongoing basis and internships will be filled as qualified candidates are identified.

What is the appointment length?

This appointment is a twelve-month research appointment, with the possibility to be renewed for additional research periods. This internship may be part or full-time. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.



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What are the benefits?

You will receive a stipend to be determined by Walter Reed Army Institute of Research. Stipends are typically based on a 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

About WRAIR

WRAIR provides unique research capabilities and innovative medical solutions to a range of Force Health Protection and Readiness challenges currently facing U.S. Service Members, along with threats anticipated during future operations. These research opportunities include ongoing efforts to identify and treat traumatic brain injury as well as to understand and mitigate the deleterious effects of repeated exposures to blast. For more information about the WRAIR, please visit www.wrair.health.mil.

About ORISE

This program, administered by Oak Ridge Associated Universities (ORAU) through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and DoD. Participants do not enter into an employee/employer relationship with ORISE, ORAU, DoD or any other office or agency. Instead, you will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE. For more information, visit the [ORISE Research Participation Program at the U.S. Department of Defense](#).

Qualifications The qualified candidate will be currently pursuing or have an earned master's or Doctoral Degree in psychology, physiology, biology, neuroscience, medicine, and/or a related field.

Preference will be given to applicants with:

- Two or more years of scientific research background/experience in sleep/fatigue mitigation, human performance or similar fields of study
- Knowledge of common multivariate statistical software such as SPSS, R, SAS, MATLAB, STATA, GRAPHPAD, and/or IGOR Pro.

Application Requirements

A complete application consists of:

- Zintellect Profile
- 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](#)

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[transcripts](#).

- One Recommendation. Your application will be considered incomplete and will not be reviewed until a recommendation is submitted. We encourage you to contact your recommender as soon as you start your application to ensure they are able to complete the recommendation form and to let them know to expect a message from Zintellect. The recommender will be asked to rate your scientific capabilities, personal characteristics, and describe how they know you. You can always log back in to your Zintellect account and check the status of your application.

If you have questions, send an email to ARMY-MRMC@orise.orau.gov. Please list the reference code of this opportunity **MRMC-WRAIR-2023-0017** in the subject line of the email.

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- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or currently pursuing.
 - **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([17](#) )
 - **Life Health and Medical Sciences** ([48](#) )
 - **Mathematics and Statistics** ([1](#) )
 - **Social and Behavioral Sciences** ([7](#) )
 - **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).