

**Opportunity Title:** Operational Field Research Support (Sleep and Chronobiology)

**Opportunity Reference Code:** MPMC-WRAIR-2020-0019

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

**Reference Code** MPMC-WRAIR-2020-0019

**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 Recommendation

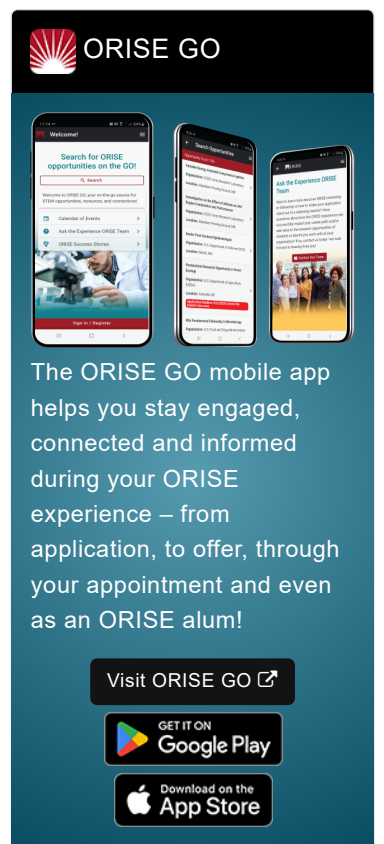
Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blacked out, blackened out, made illegible, etc.) prior to uploading into the application system.

If you have questions, send an email to [ARMY-MPMC@ORISE.ORAU.gov](mailto:ARMY-MPMC@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) 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. WRAIR also conducts military psychiatry and neuroscience research, from basic studies to advanced development. 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.


The Operational Research Team (ORT) at the Walter Reed Army Institute of Research (WRAIR) is the premier sleep, circadian, and performance field research team of the Department of Defense. The ORT's primary objective is to develop, test, and validate field-capable assessments and interventions to both determine the influence of sleep loss and circadian misalignment on Soldier readiness and resilience in the operational environment (e.g., during training missions and deployment) and select optimal strategies (e.g., caffeine, blue light, sleep hygiene, sleep banking and recovery) for enhancing Warfighter readiness. As an ORISE participant at WRAIR, you will take part in various research functions in support of behavioral/psychology/ psychiatric research efforts, including survey and intervention research. Under the guidance of a mentor, additional functions will include conducting literature reviews and providing written summaries based on the literature, constructing and managing databases, conducting surveys/interviews of research subjects, establishing collaborations with other investigators, setting up and executing data collections in the field environments, and providing technical assistance in database management and statistical analyses. During your appointment, you will learn a thorough knowledge of actigraph technology and electronic survey platforms for data collection and interpretation. You will strengthen your work development skills in learning how to prepare reports and briefs of findings for national/ international meetings and senior military leaders; assist in manuscript preparation for peer-reviewed journals; assist in developing and maintaining research protocol files throughout the life of protocol and; coordination all aspects of field study logistics and on the ground activities at the data collection site.




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Please note: Participants must be able to travel periodically to conduct field data collections or attend scientific meetings.

For more information on WRAIR, please visit [www.wrair.army.mil](http://www.wrair.army.mil) for more details.

**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 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** Must have a Bachelor's degree in psychology, public health or a related field.  
At least one-year full time work experience in behavioral or psychology research is desired.

Knowledge, Skills and Abilities:










- Have excellent communication, organization, and prioritization skills
- Knowledge of applicable highly complex scientific procedures and techniques relating to the opportunity
- Be proficient in Microsoft office programs including Word, Excel, and PowerPoint
- Knowledge of analysis/statistical programs, such as SPSS, and electronic survey platforms is a plus

Physical Capabilities: may involve long periods of standing, interacting with research volunteers, and handling of chemicals and/or hazardous biological material.

- Eligibility Requirements**
- **Citizenship:** LPR or U.S. Citizen
  - **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([12](#) )
    - **Communications and Graphics Design** ([2](#) )
    - **Computer, Information, and Data Sciences** ([16](#) )

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- **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](#) )