

**Opportunity Title:** Summer Integrative Biology Internship  
**Opportunity Reference Code:** MRMC-WRAIR-2021-0007

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

**Reference Code** MRMC-WRAIR-2021-0007

**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](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

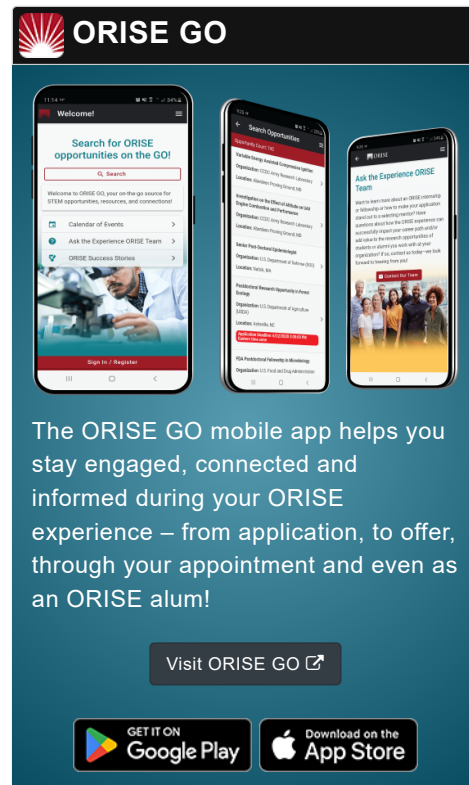
The Walter Reed Army Institute of Research (WRAIR) aims to conduct biomedical research that is responsive to Department of Defense and U.S. Army requirements and delivers lifesaving products including knowledge, technology and medical material that sustain the combat effectiveness of the warfighter. 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.

WRAIR is an international leader in the field of science and technology. The institute is focused on finding sustainable solutions to enhance Military healthcare readiness. This particular project will be in the systems biology branch that undertakes the integrative biology approaches to mitigate the Military relevant health risks. The systems biology group has a decade long experience in using multi-omics data to find biomarkers to facilitate the precision personalized medication. As an ORISE participant, you will develop critical thinking and laboratory research skills by conducting research in a WRAIR laboratory and will receive further professional and career development. This learning experience will provide an opportunity to collaborate with our scientists, present research to peers, and gain visibility in the scientific community. As a WRAIR participant, your mentor will help guide you as you find your place in the next generation of Military healthcare.

See [www.wrair.army.mil](http://www.wrair.army.mil) for more information.

## Appointment Length

This appointment is a three 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.

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#### 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

Preferred Qualifications:

Undergraduate or graduate degree students in a biological field, with strong analytical, research and communication (oral and written) skills that can demonstrate a capacity for creative thinking. Knowledge of molecular biology techniques (PCR, lab animal handling, ELISA and aseptic techniques) is also highly preferred.

#### Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (12 👁)
  - **Life Health and Medical Sciences** (46 👁)