

Opportunity Title: WRAIR - Entomology Post Bachelor's Internship

Opportunity Reference Code: MRDC-WRAIR-2025-0017

Organization U.S. Department of Defense (DOD)

Reference Code MRDC-WRAIR-2025-0017

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

Description The Department of Defense (DoD) is offering a post bachelor's internship at the U.S. Army Medical Research and Development Command - Walter Reed Army Institute of Research (USAMRDC WRAIR).

What will I be doing?

As the selected candidate, you will participate directly with researchers who are part of the Walter Reed Army Institute of Research (WRAIR) Entomology Department team. The Entomology Department is focused on emerging threats from arthropod-borne disease vectors such as mosquitoes and ticks.

Why should I apply?

Under the guidance of a mentor, you will gain hands-on experience to support your academic and professional goals. Along the way, you will engage in activities and research in several areas. These include, but are not limited to:

- Learning all aspects of current research including laboratory protocols, data analysis, and conducting literature reviews.
- Processing samples collected during bio-surveillance operations (i.e. mosquitoes, ticks, etc.) to include DNA extraction, sequencing and sequence analysis.
- Conducting literature reviews to compile information and data in support of knowledge product development (Evaluation of Environmental Exposures and Threats (E3T) reports and Walter Reed Arthropod Intelligence Threat Hub (WRAITH).
- Engaging in microscopy training to identify arthropods using morphological keys
- Networking with all members of the Entomology team to learn about additional research efforts.
- Gaining experience in standard laboratory techniques for arthropod processing, including sample collection, preservation, and preparation for molecular analysis, DNA extraction and sequencing procedures.
- Learning the principles of scientific communication and data interpretation.

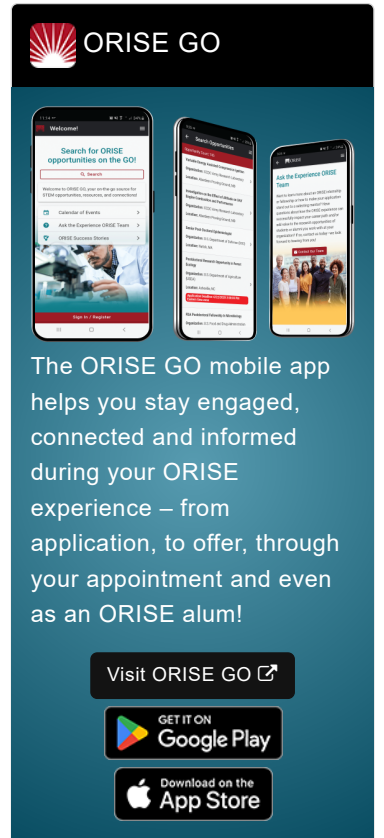
Where will I be located?

Silver Spring, Maryland

What is the anticipated start date?

October 1, 2025. WRAIR 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 or fellowships will be filled as qualified candidates are identified.

This appointment is a seven-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.



ORISE GO

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO 

GET IT ON
 **Google Play**

Download on the
 **App Store**

Opportunity Title: WRAIR - Entomology Post Bachelor's Internship

Opportunity Reference Code: MRDC-WRAIR-2025-0017

What are the provisions?

You will receive a stipend to be determined by WRAIR. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. Other provisions may include the following:

- Health Insurance Supplement (*Participants are eligible to purchase health insurance through ORISE*)
- Relocation Allowance
- Training and Travel Allowance

About WRAIR

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 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.

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 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 have a bachelor's degree in entomology, microbiology, artificial intelligence, scientific computing, or other eligible discipline. Degree must have been received within 24 months of the appointment start date.

Highly competitive applicants will have education and/or experience in one or more of the following:

- Understanding of scientific research.
- Experience using Artificial Intelligence (AI) tools.
- Strong interest in science communication.

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)

Opportunity Title: WRAIR - Entomology Post Bachelor's Internship

Opportunity Reference Code: MRDC-WRAIR-2025-0017

- Transcripts/Academic Records - Please upload a copy of a transcript for your current or most recent degree program that meets the disciplinary qualifications of the opportunity. [Click here for detailed information about acceptable transcripts.](#)
- Two Recommendations. We encourage you to contact your recommenders 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. Recommenders 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.ora.gov. Please list the reference code of this opportunity [MRDC-WRAIR-2025-0017] in the subject line of the email. Please understand that ORISE does not review applications or select applicants; selections are made by the sponsoring agency identified on this opportunity. All application materials should be submitted via the "Apply" button at the bottom of this opportunity listing. Please do not send application materials to the email address above.

Connect with ORISE...on the GO! Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

Stipend \$2,000.00 – \$3,000.00 Monthly

Point of Contact [Kimberly](#)

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Bachelor's Degree received within the last 24 month(s).
 - **Discipline(s):**
 - **Computer, Information, and Data Sciences** ([3](#) )
 - **Life Health and Medical Sciences** ([2](#) )