

Opportunity Title: WRAIR - Antibacterial Drug Discovery Research Opportunity

Opportunity Reference Code: MRDC-WRAIR-2025-0023

Organization U.S. Department of Defense (DOD)

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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) is offering a post-master's fellowship at the Silver Spring, Maryland facility.

What will I be doing?

As the selected candidate, you will be part of a research team focused on the screening of small molecules for antibacterial activity, and will engage with the antibiotics-section lead, intra- and extramural researchers to coordinate small molecule testing, data analysis, and delivery/discussion of results. In addition, you will have opportunities for authorship of research efforts in antimicrobial drug discovery, as well as presentations at scientific conferences.

Why should I apply?

Under the guidance of a mentor, you will gain hands-on experience to complement your education and 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:

- Conducting established in vitro drug screening assays against multidrug-resistant bacteria
- Executing other assays addressing Department of Drug Discovery goals for antimicrobial (including malaria, bacteria, and/or viruses) drug discovery and development
- Learning the protocol and process for collaboration exchanges
- Gaining experiences with data sets and results analysis
- Generating research reports and manuscripts for publication, along with opportunities for intra- and extramural presentations.

Where will I be located? Silver Spring, Maryland

What is the anticipated start date?

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 fellowships will be filled as qualified candidates are identified.

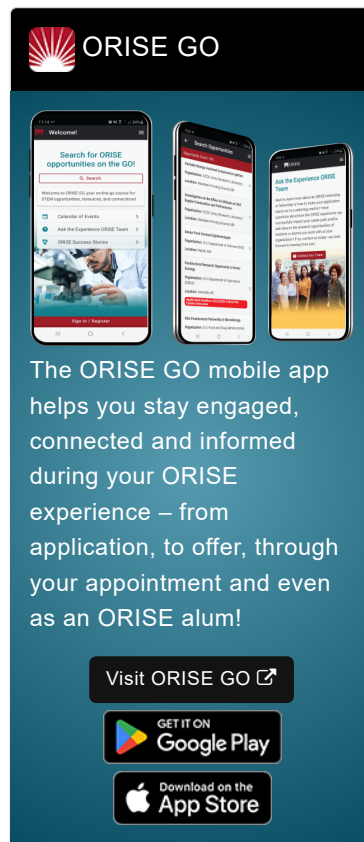
What is the appointment length?

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

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



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- 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.

The Pilot Bioproduction Facility (PBF) at the WRAIR is a Good Manufacturing Practices (GMP)-compliant facility specializing in the production of vaccines and biologics for use in Phase 1 clinical trials. The PBF focuses on transitioning Research and Development processes into those suitable for manufacturing and accelerating product advancement into first-in-human studies.

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 an earned master's degree in biology (general) or microbiology. Degree must have been completed with 60 months.

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 - 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 recommender(s) 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.orau.gov. Please list the reference code of this opportunity [MRDC-WRAIR-W-2025-0023] 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

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via the "Apply" button at the bottom of this opportunity listing. Please do not send application materials to the email address above.

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Stipend \$7,500.00 Monthly

Point of Contact [Kimberly](#)

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Master's Degree received within the last 60 month(s).
 - **Discipline(s):**
 - **Life Health and Medical Sciences** ([2](#) )