

Opportunity Title: USAISR Postgraduate Fellowship in Wound Care and Infection Research

Opportunity Reference Code: USAISR-2024-0010

Organization U.S. Department of Defense (DOD)

Reference Code USAISR-2024-0010

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

Description The U.S. Army Institute of Surgical Research (USAISR) is offering a postgraduate fellowship at the Joint Base San Antonio (JBSA) Fort Sam Houston.

What will I be doing?

As an Oak Ridge Institute for Science and Education (ORISE) participant at USAISR, you will join a community of scientists and researchers in an effort to test platforms for prognosis/diagnosis, decision support tools, and therapies for prevention and treatment of burn wounds and progression, acute wound healing as well as prevent and/or treat infection. The Combat Wound Care (CWC's) mission is to improve the morbidity and mortality associated with progression of combat wounds and to develop strategies to stabilize wound progression, limit complications, and to prevent and treat wound infections.

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:

- Strengthening your skills in Microbiology, Molecular Biology, Biochemistry, Immunology, Physiology, and Pharmacology through utilization of CWC's militarily relevant preclinical large and small animal trauma models of burn, deep excision and wound infection
- Conducting scientific and translational research side-by-side with experienced research scientists in the Combat Wound Care (CWC) Department

Where will I be located? San Antonio, Texas

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?

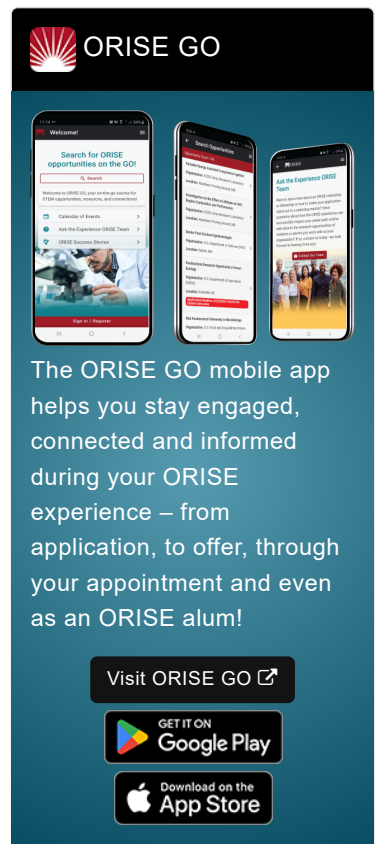
Appointments are initially for one year with the option to extend the appointment for up to four additional years, contingent upon project needs and funding availability.

What are the appointment provisions?

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

- Participants are eligible to purchase health insurance through ORISE
- Relocation Allowance
- Training and Travel Allowance

About USAISR



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!

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The U.S. Army Institute of Surgical Research is one of six research laboratories within the U.S. Army Medical Research and Materiel Command of the U.S. Army Medicine Command. The Institute is the Army's lead research laboratory for improving the care of combat casualties. The mission of the Institute is to "Optimize Combat Casualty Care".

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 have a bachelor's degree or higher in biology, biochemistry, molecular/cell biology, physiology, pharmacology, or biomedical engineering.

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

- Molecular, general biology, immunology, or microbiology techniques
- Animal handling and surgical experience is preferred (large or small animals)
- Effective communication (verbal and written), presentation, and interpersonal skills
- Ability to troubleshoot research issues or problems
- Ability to perform work at a high level of accuracy and maintain detailed records of research
- Knowledge of applicable highly complex scientific procedures and techniques relating to opportunity
- MS Word, PowerPoint, Excel, GraphPad, EndNote

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](#).
- One Recommendation. 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 [USAISR-2024-0010] in the subject line of the email. Please understand

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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!

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
 - **Discipline(s):**
 - **Life Health and Medical Sciences** ([13](#) )