Opportunity Title: Burn Resuscitation Research Opportunity
Opportunity Reference Code: USAISR-2026-0004

Organization U.S. Department of Defense (DOD)

Reference Code USAISR-2026-0004

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 translational large animal research opportunities in Burn Resuscitation Research at Joint Base San Antonio (JBSA). This research opportunity is for eligible candidates who would like to learn and gain experience in how to plan and perform large animal research and/or burn research in a military medical environment.

What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers committed to optimizing combat casualty care through translational research. You will engage in large animal research focused on burn resuscitation within the Organ Support and Automation Technologies Department at USAISR. You will participate in an ongoing research project using the USAISR's established swine burn model to examine the effect of automated resuscitation on outcomes following severe burn and learn to carry out hemorrhagic shock resuscitation research in the automation space using an established model. Additionally, you will have the opportunity to participate in other research projects and receive broad learning exposure on medical automation for critical care.

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 IACUC-approved large animal burn research protocols while gaining experience in a military environment and protocols.
- Gaining experience and/or refining large animal surgical skills, including open laparotomy and percutaneous vascular access placement.
- Learning to operate experimental automated medical systems, including an automated burn resuscitation system, a hemorrhagic shock resuscitation system, a ventilator control system and/or an anesthesia control system.
- Disseminating results of studies through publications and presentations at national conferences.
- Learning about clinical and health care practices in military medicine and military medical research.
- Participating in the research and development of new medical engineering products.

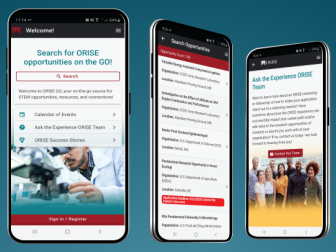
Where will I be located?

San Antonio, Texas

What is the anticipated start date?

The USAISR 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.

What is the appointment length?

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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 USAISR. 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 USAISR

The U.S. Army Institute of Surgical Research is one of six research laboratories within the U.S. Army Medical Research and Development 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". For more information about the USAISR, please visit United States Army Institute of Surgical Research (USAISR).

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 doctoral degree in physiology, biology, medicine or veterinary medicine.

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 recommenders as soon as you start your application to ensure they are able to complete the recommendation form and to let

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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-2026-0004] 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!

Point of Contact Debbie

Eligibility Requirements

- **Degree:** Doctoral Degree.
- **Discipline(s):**
  - **Life Health and Medical Sciences** (4 👁)