

**Opportunity Title:** Burn Research Postdoctoral Fellowship

**Opportunity Reference Code:** USAISR-2024-0002

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

**Reference Code** USAISR-2024-0002

**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 is offering a postdoctoral research opportunity at JBSA Fort Sam Houston.

**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.

In collaboration with an experienced burn scientist, you will engage with an already funded research project within the Organ Support and Automation Combat Casualty Care Research Team at USAISR and will participate with other currently funded projects while receiving additional training specific to the research group on burns, resuscitation, and medical automation.

Specifically, you will utilize the USAISR's established swine burn model to examine the effect of different pharmaceutical therapies on automated resuscitation outcomes following severe burn.

**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:

- Participating in IACUC-approved large animal research protocols
- Learning and refining large animal surgical skills, including laparotomy and line placement
- Operating advanced automated medical systems, including an automated burn resuscitation system
- Disseminating results of studies through publications and presentation at conferences
- Gaining exposure to clinical and health care practices in military medicine
- Interacting with clinicians and medical sensors
- Developing new engineering products

**Where will I be located?** San Antonio, Texas

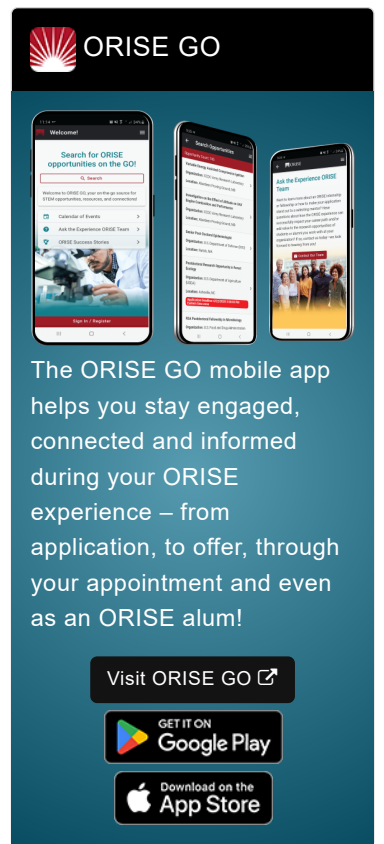
**What is the anticipated start date?**

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 benefits?**



**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:** Burn Research Postdoctoral Fellowship

**Opportunity Reference Code:** USAISR-2024-0002

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**

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 hold or be currently pursuing a Doctoral degree in the required areas of discipline in the eligibility section. For postgraduates, the degree must have been received within 5 years of the appointment start date.

**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. Your application will be considered incomplete and will not be reviewed until one recommendation is submitted. 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](mailto:ARMY-MRMC@orise.orau.gov). Please list the reference code of this opportunity [USAISR-2024-0002] in the subject line of the email. Please understand

**Opportunity Title:** Burn Research Postdoctoral Fellowship

**Opportunity Reference Code:** USAISR-2024-0002

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:** Doctoral Degree received within the last 60 months or anticipated to be received by 9/1/2024 12:00:00 AM.
  - **Discipline(s):**
    - **Engineering** ([1](#) )
    - **Life Health and Medical Sciences** ([5](#) )