

Opportunity Title: Extracorporeal Life Support Research - Faculty

Opportunity Reference Code: USAISR-2026-0003-F

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 U.S. Army Institute of Surgical Research is offering a faculty level research fellowship at JBSA Fort Sam Houston, Texas.

What will I be doing?

As an Oak Ridge Institute for Science and Education (ORISE) participant, you will engage in developing and testing therapeutics to decrease organ failure in the combat casualty. The primary focus of this research opportunity is to examine and evaluate the pharmacokinetics and pharmacodynamics of novel therapeutics in extracorporeal life support and traumatic animal models with organ failure to aid in the development of novel therapies and modalities to improve outcomes in injured war fighter and patients on Extracorporeal Membrane Oxygenation (ECMO). This opportunity provides you, as the faculty participant, the opportunity to learn new scientific applications of traumatic organ failure models and extracorporeal life support systems such as lung and renal support devices to pharmacokinetics and pharmacodynamics of novel therapeutics.

Why should I apply?

Under the guidance of a mentor, you will engage in activities and research in several areas. These include, but are not limited to:

- Designing and conducting pharmacokinetic studies
- Learning and developing skills in computer modeling
- Gaining experience in all phases of experimental research including Protocol writing and Review, Experimental Design, and Rigor and Reproducibility in Translational Research
- Collecting and analyzing data, including statistical analysis
- Reporting findings and participating in assessment of progress
- Preparing manuscripts and reports
- Participating in the grant writing process

Where will I be located? San Antonio, Texas or remotely as approved by the USAISR.

What is the anticipated start date?

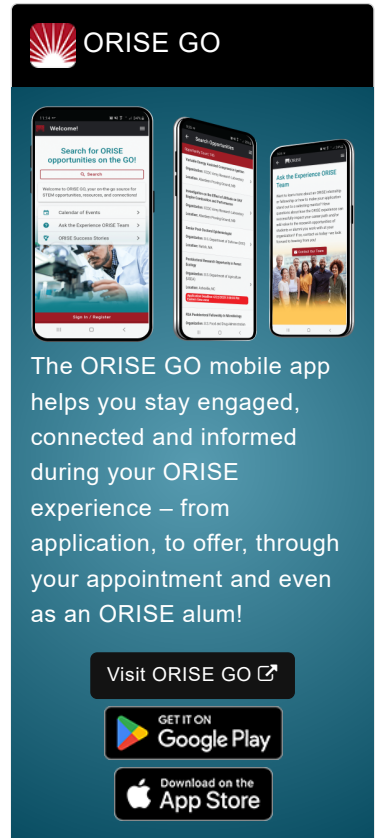
Exact start dates will be determined at the time of selection and in coordination with the selected candidate. Applications are reviewed on an ongoing basis and fellowships will be filled as qualified candidates are identified.

What is the appointment length?

This appointment is a twelve-month faculty 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:



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- 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 be a current faculty member at an institution of higher education and will have a PhD in Pharmacology or Registered Pharmacist (RPh) or Doctor of Pharmacy (PharmD).

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

- Clinical experience in research pharmacology, physiological based pharmacokinetic models, design of dose finding studies, and FDA approval and regulations
- Ability to rapidly synthesize large amounts of data (labs, test results, etc.)
- Demonstrated competence in oral and written communication in English
- Organized, attentive to detail, and possess a positive, friendly, and professional demeanor
- Computer skills including at least intermediate level experience with Excel and other Microsoft Office Software

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

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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-2026-0003-F 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.

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Point of Contact [Debbie](#)

Eligibility • **Degree:** Doctoral Degree.

Requirements • **Discipline(s):**

- **Life Health and Medical Sciences** ([2](#) )

Affirmation I affirm that I am a current faculty member at an institution of higher education.