Opportunity Title: Clinical Research with Novel Technology Development
Postgraduate Research Fellowship
Opportunity Reference Code: USAISR-2026-0005

Organization U.S. Department of Defense (DOD)

Reference Code USAISR-2026-0005

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 research fellowship in medical technology and software technology support applications at Joint Base San Antonio (JBSA).

What will I be doing?

As an ORISE participant, you will join a community of scientists, engineers, and researchers focused on developing medical clinical decision support systems utilizing extended reality technology. You will support various projects utilizing software engineering, human factors usability evaluation, and design/visualization to develop applications that optimize combat casualty care. These projects include augmented/mixed reality systems, headset/sensor evaluations, integration of medical sensors/devices into headsets, and creating innovative solutions for immersive clinical guidance systems. This is an excellent opportunity for someone eager to grow their skills in clinical research with an emphasis on novel technology development.

Why should I apply?

Under the guidance of a mentor, you will learn and engage in a variety of research activities, including:

- Testing and evaluation of clinical decision support technologies (e.g. mixed reality and virtual reality headset applications)
- Conducting research and gathering data on software application usability and clinical performance testing.
- Gaining experience developing, implementing and executing research studies.
- Evaluating software/hardware
- Learning proper use of medical devices used for research and technology demonstrations.
- Documenting findings, results, and technical processes in detailed reports and presentations.
- Disseminating your research through scientific research journals, presentations, and technology demonstrations.

Where will I be located?

Joint Base San Antonio (JBSA), Texas

What is the anticipated start date?

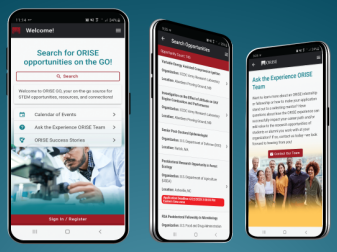
The USAISR is ready to make appointments immediately. Exact start dates will be determined at the time of selection and in coordination with the selected candidate. Applications are reviewed on an ongoing basis, and internships or fellowships will be filled as qualified candidates are identified.

What is the appointment length?

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?

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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. The stipend range for this opportunity for post-Bac is $64,000.00 - $69,200.00 and post-Master's is $75,000.00 - $81,100.00 yearly. 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 https://usaisr.health.mil/.

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 bachelor's or master's degree Biomedical Science, Data Science, Computer Science, Software Engineering or other eligible discipline.

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

- Previous research laboratory experience with data collection with good laboratory practices.
- Experience in support applications research
- Experience in medical simulation scenarios and studies
- Familiar or have knowledge of XR hardware platforms (e.g. HoloLens, Quest, Vive, etc).

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

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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 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-2026-0005] 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!

Stipend $64,000.00 – $81,100.00 Yearly

Point of Contact Debbie

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** (5 👁)
  - **Life Health and Medical Sciences** (4 👁)
- **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).