Opportunity Title: USAISR: Clinical Decision Support (CDS) Research Fellowship
Opportunity Reference Code: USAISR-2026-0017

Organization U.S. Department of Defense (DOD)

Reference Code USAISR-2026-0017

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 an internship at Joint Base San Antonio (JBSA).

What will I be doing?

This opportunity involves research projects focused on developing medical clinical decision support systems (CDSS) with specific focus in extended reality technologies and other translational systems. As the selected candidate, you will engage in hypothesis-driven experimental design on human factors research, usability and performance testing, and data analysis. Particular emphasis will be placed on human subject research utilizing extended reality systems, simulation testing, sensor and medical device integration, data analysis with thorough evaluations and creating innovative solutions for immersive clinical guidance systems.

Under the guidance of a mentor, research projects and learning activities may include:

- Human subject research on software usability and clinical performance testing
- Development of research experimentations for human subject research testing
- Creation of scenarios for medical and field testing
- Test and evaluation of clinical decision support technologies (e.g. mixed reality and virtual reality headset applications)
- Development, modeling, and integration of medical autonomous systems
- Documentation of findings, results, and technical processes in detailed reports and presentations
- Dissemination of analytical findings and research methodologies

Where will I be located? San Antonio, Texas

What is the anticipated start date? December 2026

Exact start dates will be determined at the time of selection and in coordination with the selected candidate.

What is the appointment length?

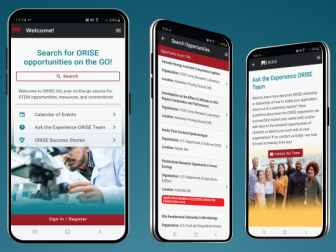
This appointment is a full-time twelve-month research appointment. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

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 provisions may include the following:

- Health Insurance Supplement (*Participants are eligible to purchase health insurance through ORISE)*
- Relocation Allowance

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- 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".

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 doctoral degree in Life Sciences, Computer, Information and Data Sciences, Engineering, Bioinformatics or other related discipline.

Preferred skills:

- Demonstrated capability to participate in multiple concurrent research projects
- Experience with research milestones within multidisciplinary research environments
- Knowledge of human subject research methodologies, including usability studies and clinical performance evaluation processes
- Knowledge of systems and engineering platform development for medical device applications and testing environments
- Knowledge of statistical analysis methodologies supporting peer-reviewed research and publication activities
- Knowledge of experimental design principles, data evaluation techniques, and research validation methods
- Strong technical writing capability

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

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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 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.

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system. All documents must be in English or include an official English translation. If you have questions, send an email to ARMY-MRMC@orise.orau.gov. Please list the reference code of this opportunity 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

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Doctoral Degree.
- **Discipline(s):**
  - **Computer, Information, and Data Sciences** (17 👁)
  - **Engineering** (29 👁)
  - **Life Health and Medical Sciences** (4 👁)