

Opportunity Title: Postdoctoral Researcher: Surgical Education

Opportunity Reference Code: DHA-JBSA-2021-0013

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 US Air Force and Defense Health Agency is offering a post-doctoral fellow in cutting edge research to advance the field of robotic surgery training and credentialing.

What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers in an effort to participate closely across partnering institutions to execute and complete tasks related to the funded project that aims to validate a variety of simulation-based elements of robotic surgery training curricula and develop benchmarks for proficiency in commonly performed robotic general surgery procedures, ultimately in order to elucidate the learning curve in robotic surgery.

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:

- Coordinating database of study results, statistical analyses, and video storage.
- Participation in the coordination and completion of ongoing studies.
- Engage in bi-weekly lab meeting with PI, Capt Robert Laverty, MD be it virtual or in person.
- Become intimately familiar with the robotic surgery education literature in order to contribute constructively to study design of ongoing and new projects.
- Assist with writing/preparing necessary monthly, quarterly, and annual/final project reports and documents, manuscripts and/or presentations.
- Assist with identifying and completing necessary purchasing requests for review and submission by the PI.
- Engage in ongoing outreach and recruitment efforts for study participation.
- Develop and/or assist with IRB protocols, participant enrollment, amendments, annual reviews, audits.

Where will I be located?

Joint Base San Antonio, Texas

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



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rules, and availability of the participant.

What are the benefits?

You will receive a stipend to be determined by DHA. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:

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

About DHA

The [Defense Health Agency](#) (DHA) is a joint, integrated Combat Support Agency that enables the Army, Navy, and Air Force medical services to provide a medically ready force and ready medical force to Combatant Commands in both peacetime and wartime. The DHA supports the delivery of integrated, affordable, and high quality health services to Military Health System (MHS) beneficiaries and is responsible for driving greater integration of clinical and business processes across the MHS.

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 Eligibility Requirements:

- A PhD in Biomedical Sciences, or a closely related discipline.

Preferred Knowledge, Skills, and Abilities:

- Have demonstrated professional competence and success in the form of peer-reviewed publications and presentations
- Display knowledge and competency in surgical education research
- Familiarity with software and statistical experience such as SPSS
- Have excellent independence and communication skills
- Prior experience with developing and defending IRB protocols, annual reviews, amendments, is a plus.

Application Requirements

A complete application consists of:

- Zintellect Profile

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- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. [Click here for detailed information about acceptable transcripts.](#)
- Two Recommendations

If you have questions, send an email to STEM-WORKFORCE@orise.orau.gov. Please list the reference code of this opportunity DHA-JBSA-2021-0012 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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**Eligibility
Requirements**

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Doctoral Degree received within the last 60 months or anticipated to be received by 10/30/2021 11:59:00 PM.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Communications and Graphics Design** ([2](#) )
 - **Computer, Information, and Data Sciences** ([17](#) )
 - **Earth and Geosciences** ([21](#) )
 - **Engineering** ([27](#) )
 - **Environmental and Marine Sciences** ([14](#) )
 - **Life Health and Medical Sciences** ([46](#) )
 - **Mathematics and Statistics** ([10](#) )
 - **Physics** ([16](#) )
 - **Science & Engineering-related** ([1](#) )
 - **Social and Behavioral Sciences** ([28](#) )