

**Opportunity Title:** Biomedical Research Summer Intern

**Opportunity Reference Code:** USAISR-2021-0081

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

**Reference Code** USAISR-2021-0081

**How to Apply** Enter the following information:

**See ZORF:**

*Tip: Enter a description of the educational background that a candidate should have when applying for this opportunity or needed for participation. List skills and/or experience that would be considered favorable for a candidate who is applying for this opportunity. Include any specifications such as GPA requirement for this opportunity. Requirements listed here cannot negate established program requirements. **Note:** Because this is a learning opportunity, a sponsor cannot require experience or a certain skill, it can only be desired.*

The qualified candidate will have a <<specify degree>> degree or will have completed by <<insert anticipated degree received by date>>. Degree must have been received within <<number of years>> years of the appointment start date. **If Veteran status, also include:** U.S. military veterans who have been honorably discharged (or who have been medically discharged because of a service-connected disability) and who received a <<specify degree>> degree within ten years of the desired start date are also eligible.

## Application Requirements

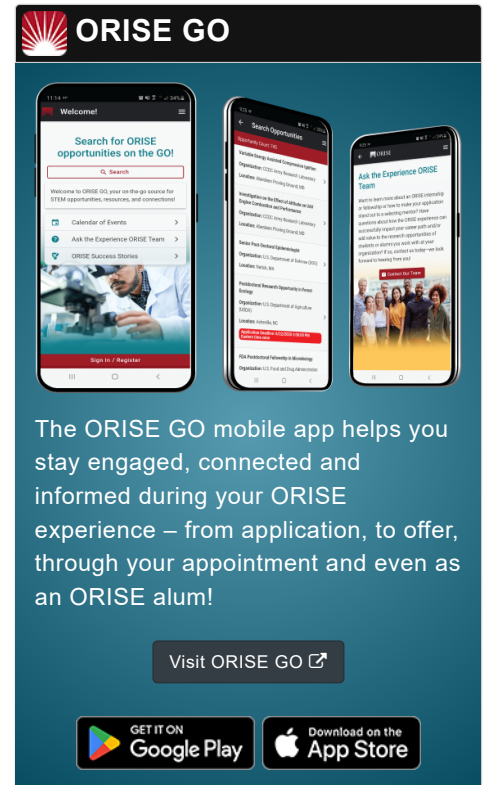
A complete application consists of:

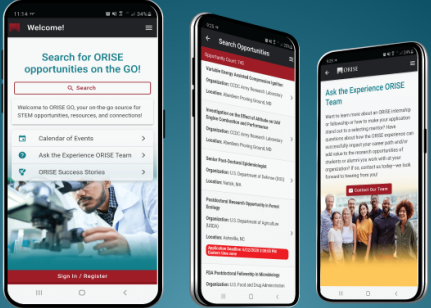
- Zintellect Profile
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by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

If you have questions, send an email to [ARMY-MRMC@orise.ora.gov](mailto:ARMY-MRMC@orise.ora.gov). Please list the reference code of this opportunity (USAISR-2021-0081) in the subject line of the email.

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**Description** The U.S. Army Institute of Surgical Research is offering undergraduate internships at Fort Sam Houston, Texas.

**What will I be doing?**

You will join a community of scientists and researchers in an effort to manage sepsis due to combat trauma.

Under the guidance of a mentor, the selected participant will conduct research with the Combat Wound Care Research Team, focusing on the management of sepsis occurring due to severe combat relevant trauma in a delayed evacuation scenario. The participant will collect, analyze, and monitor vital signs and physiologic measurements while conducting animal studies of sepsis.

**Why should I apply?**

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:

- Reading and understand the scientific literature
- Collecting and analyzing a variety of data (blood, tissue, physiological vitals, etc.)
- Learning to perform scientific assays (ELISA, Multiplex, etc.)
- Reporting findings to the team and participation in assessment of progress
- Preparing reports and figures for manuscript

**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/fellowships will be filled as qualified candidates are identified.

**What is the appointment length?**

This appointment is a three 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 benefits?**

You will receive a stipend to be determined by USAISR. Stipends are typically based on a participant's academic standing,

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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

The U.S. Army Institute of Surgical Research (USAISR) is one of six research laboratories within the U.S. Army Medical Research and Development Command of the U.S. Army Futures 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 USAISR: <https://www.usaisr.amedd.army.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 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 should be currently pursuing a bachelor's degree in one of the relevant fields. Highly competitive applicants will have education and/or experience in one or more of the following::

- Competent in oral and written communication in the English language
- Organized, attentive to detail, and a positive, friendly and professional demeanor
- Flexible with changing priorities and able to communicate in a diplomatic and professional manner
- Experienced at an Intermediate level with Excel and other Microsoft Office Software
- Skilled in Data management and processing
- Experienced in performing chemical, biological, hematological, immunologic, microscopic, and bacteriological tests
- Familiar with medical terminology and abbreviations desired
- Effective at time management and task prioritization

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**Eligibility  
Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Currently pursuing a Bachelor's Degree to be received by 12/30/2022 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 )