

Opportunity Title: Combat Injury Mechanisms and Countermeasures - Post-Baccalaureate Fellowship

Opportunity Reference Code: NAMRU-SA-2026-0003

Organization U.S. Department of Defense (DOD)

Reference Code NAMRU-SA-2026-0003

How to Apply Click on *Apply* at the bottom of the opportunity to start your application.

Description Naval Medical Research Unit San Antonio (NAMRU-SA) is offering post-baccalaureate internships.

What will I be doing?

As an Oak Ridge Institute for Science and Education (ORISE) participant, you will join and learn from a community of scientists and researchers in an effort to: 1) test and evaluate blood products and resuscitative adjuncts, and countermeasures for combat injury, and 2) determine the mechanisms of injury for combat trauma, directed energy exposure, extreme environmental exposure, and/or toxicant exposure. You will participate in and learn to perform data collection and analysis pertaining to testing toxicants, resuscitative adjuncts and biological therapeutics for combat casualty care. You will also have the opportunity to participate in the maintenance and operation of physiological, and cell culture instrumentation, data collection, analysis, and QA/QC for existing measurements as well as development of data collection and analysis procedures for a suite of new instruments. You will also gain experience in designing and implementing experiments.

Why should I apply?

Under the guidance of a mentor, by the end of the appointment you will learn and understand how to:

- Monitor and maintain real-time data collection.
- Develop and implement new laboratory standard operating procedures.
- Test new instrumentation and participate in experiment design.
- Prepare, maintain, and operate whole animal and cell-based instrumentation.
- Prepare proposals, reports, presentations, or research manuscripts communicating research activities and findings.
- Participate in project proposal development and design.
- Engage in professional development through attendance and participation in scientific and research conferences.

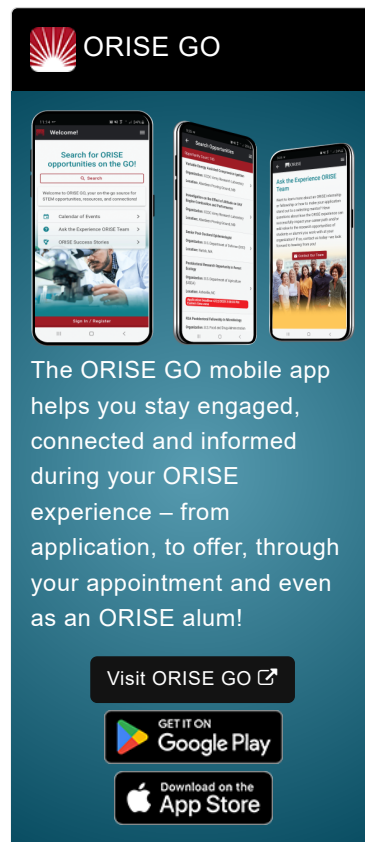
You will participate closely with staff within the Combat Casualty Care and Operational Medicine Directorate at NAMRU-SA.

Where will I be located?

San Antonio, Texas

What is the anticipated start date?

NAMRU-SA is ready to make appointments immediately. Exact start dates



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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 full-time, 12-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?

You will receive a stipend to be determined by NAMRU-SA. 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
- Training and Travel Allowance

About NAMRU-SA

Naval Medical Research Unit San Antonio (NAMRU-SA) is located on the San Antonio Military Medical Center campus, Joint Base Fort Sam Houston, Texas. NAMRU-SA serves as one of the leading research and development laboratories of the U.S. Navy under the Department of Defense and is one of eight subordinate research commands in the global network of laboratories operating under the Naval Medical Research Center (NMRC), Silver Spring, Maryland.

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 is a US citizen who has received a Bachelor's degree in physiology or biology within the past 5 years, or is currently pursuing a Bachelor's degree in physiology or biology and anticipates graduation by June 30, 2026.

Highly competitive applicants will have education and/or experience in one

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or more of the following:

- Coursework and laboratory experience in human/animal physiology, cell physiology, endothelial function, biochemical analyses and molecular techniques.
- Knowledge of whole animal physiology and/or cellular physiology, and aseptic cell culture techniques as well as understanding of biochemical and molecular assays (e.g. RT-qPCR, ELISAs, IHC, western blot).
- Prior exposure to data collection and analysis, including the use of tools such as GraphPad Prism, ImageJ, and Microsoft Excel, is helpful.

Security Clearance

You must have, or be eligible to obtain and maintain, a security clearance for the duration of your appointment. It is expected that after completing the necessary application for clearance, a fitness determination will allow participation to begin with unclassified material, while awaiting a clearance.

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 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 NAVY@orise.orau.gov. Please list the reference code of this opportunity [NAMRU-SA-2026-0003] 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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Stipend \$30,000.00 – \$40,000.00 Yearly

Point of Contact [Richard](#)

Eligibility • **Citizenship:** U.S. Citizen Only

Requirements • **Degree:** Bachelor's Degree received within the last 60 months or anticipated to be received by 6/30/2026 12:00:00 AM.

- **Discipline(s):**
 - **Life Health and Medical Sciences** ([11](#) )