

**Opportunity Title:** Combat Casualty Care & Operational Medicine - Post-Baccalaureate Research Fellowship

**Opportunity Reference Code:** NAMRU-SA-2025-0003

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

**Reference Code** NAMRU-SA-2025-0003

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

**Description** The Naval Medical Research Unit - San Antonio (NAMRU-SA) Combat Casualty Care and Operational Medicine Directorate (CCC&OM) is located in the Tri-Service Research Laboratory, Joint Base San Antonio-Fort Sam Houston, TX. NAMRU-SA's mission is to conduct gap driven directed energy, combat casualty care, and craniofacial health research to improve survival, operational readiness, and safety of Department of Defense personnel engaged in routine and expeditionary operations. NAMRU-SA scientists conduct basic, applied, and advanced technology research and development through prototype demonstration in an operational environment. The CCC&OM Directorate conducts research focused on the protection, resuscitation, and stabilization of combat casualties at frontline points of care in the combat theater. The Tri-Service Research Laboratory (TSRL) building consists of a 181,000 square foot facility with a 46,000 square foot vivarium that is fully accredited by the Association for Assessment and Accreditation of Laboratory Animal Care. The surgical space available to NAMRU-SA, consisting of sterile and non-sterile operating rooms is 3,000 square feet with an additional 2,200 square feet of laboratory and procedure space.

#### What will I be doing?

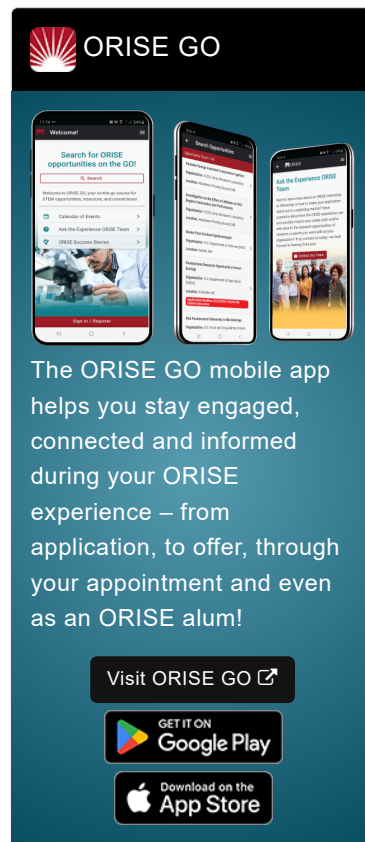
You will have the opportunity to participate in collaboration with a Principal Investigator (PI) and project lead responsible for preparing and performing data collection and analysis pertaining to pre-clinical research for the development and optimization of drug products, advanced therapies for the treatment of hemorrhagic shock and identifying and mitigating stressors through the evaluation of products and agents. Under the guidance of a mentor, you will assist in the implementation and post-procedural analysis for these projects.

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

#### Why should I apply?

Your contribution to ongoing research activities may include the following and further your knowledge in these areas:

- Conducting in vivo preclinical research experiments focusing on neurosensory studies.
- Conduct in vitro and ex vivo combat casualty care studies.
- Compile and analyze data using scientific or statistical techniques.
- Present experimental findings to the research community at conferences or other military/scientific venues.
- Document experimental procedures and results.
- Develop and implement new laboratory standard operating procedures.



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- Contribute to reports, presentations, or journal articles communicating research activities and findings.

**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 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 12-month, full time 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 appointment 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 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](#).

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**Qualifications** This opportunity will provide exposure to unique medical aspects of casualty care relevant to DoD interests. The qualified candidate is a U.S. Citizen who has obtained, or is currently pursuing, a bachelor's degree in biology, biochemistry, microbiology, physiology, or a similar field. The qualified candidate will have a thorough knowledge of biological and physiological principles of the human body.

The highly qualified candidate will have coursework and laboratory experience related to human biology and physiology.

- Research experience is preferred.
- Experience with animal research is preferred, but not required
- Experience with surgical techniques and blood analyses is preferred, but not required
- Data collection and compilation experience in Microsoft Office suite is preferred.
- High scholarly activity such as scientific presentations is preferred.

### **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. Your application will be considered incomplete and will not be reviewed until one recommendation is submitted. 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.

If you have questions, send an email to [navy@orise.orau.gov](mailto:navy@orise.orau.gov). Please list the reference code of this opportunity NAMRU-SA-2025-0003 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.

**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,

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connected, and informed during your ORISE experience and beyond!

**Point of Contact** [Richard](#)

- Eligibility**
- Requirements**
- **Citizenship:** U.S. Citizen Only
  - **Degree:** Bachelor's Degree received within the last 60 months or currently pursuing.
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([12](#) 👁)
    - **Engineering** ([27](#) 👁)
    - **Life Health and Medical Sciences** ([51](#) 👁)
  - **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).