

**Opportunity Title:** Army Public Health Center - Blast Overpressure Exposure

Assessment Research

**Opportunity Reference Code:** APHC-2022-0003

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

**Reference Code** APHC-2022-0003

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

### Description What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers involved in enhancing the Army Public Health Center's Blast Overpressure Exposure Assessment Capability which includes performing health hazard-related assessments, modeling, and analyses while focusing on training and experience of collecting blast overpressure-related health hazard data. Your experience will include participation in the documenting of blasts overpressure-related historical knowledge, lessons learned, processes, procedures, SOPs, protocols, risk assessment logic, database structure, and reporting strategies that include Risk Assessment Codes (RAC), recommendations to mitigate BOP exposure risk, and residual RACs.

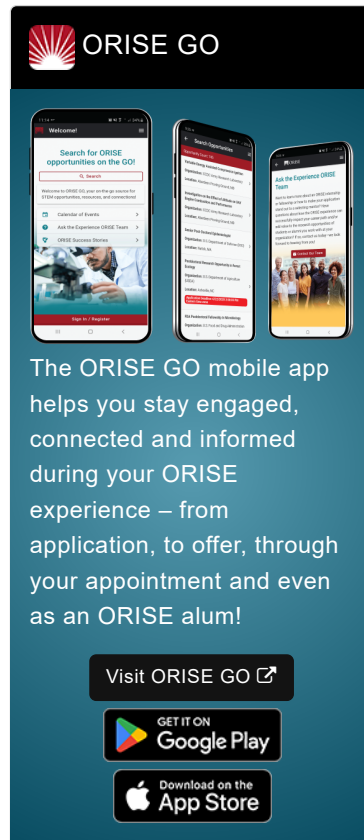
### Why should I apply?

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:

- Conducting evaluations necessary to make recommendations for mitigating blast overpressure, impulse noise, and chemical substances-related health hazards associated with materiel acquisitions and Army modernization.
- Collaborating in forums, tasks, report writing, and events associated with planning, collecting, and assessing blast overpressure, impulse noise, and chemical substances-related health hazards during live fire events, public health practice, occupational and environmental health outcomes, and costs of health hazard-related injuries and illnesses.
- Gaining an understanding of the processes, models, tools, standards, data collection hardware/software, and health protection criteria used by the Army and DoD to assess the potential for Soldiers to be exposed to blast overpressure, impulse noise, and chemical substances-related health hazards while operating, testing, and maintaining weapon platforms, munitions, training devices, and other materiel systems during training and combat.
- Experiencing the development and drafting of Line of Inquiry 3's (Exposure Environment) input to the FY18 NDAA Sec. 734 Workgroup Technical Report, and the Office of the Assistant Secretary of Defense for Health Affairs (OASD(HA)) Report to Congress.


### What is the anticipated start date?


Exact start dates will be determined at the time of selection and in




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coordination with the selected candidate. Applications are reviewed on an ongoing basis and internships or fellowships will be filled as qualified candidates are identified.

#### **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 rules, and availability of the participant.

#### **What are the benefits?**

You will receive a stipend to be determined by APHC. 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 APHC**

The Army Public Health Center's mission is to enhance Army readiness by identifying and assessing current and emerging health threats, developing and communicating public health solutions, and assuring the quality and effectiveness of the Army's Public Health Enterprise. Their vision is to be a world-class provider of public health services across the Army and DOD. For more information about the the Army Public Health Center, please visit <https://phc.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** Qualified applicants should be a high school/GED graduate with the intent to enroll or currently pursuing an undergraduate degree the areas of

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Environmental and Marine Sciences or a related field. Applicants who have a minimum of two years of experience in collecting, processing, analyzing, and reporting on blast overpressure, noise, and chemical substances health hazard data associated with live fire of military weapons breaching charges are highly 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 - 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.](#)
- One Recommendation(s)

If you have questions, send an email to [ARMY-PHC@orise.orau.gov](mailto:ARMY-PHC@orise.orau.gov). Please list the reference code of this opportunity APHC-2022-0003 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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**Point of Contact** [Kimberly](#)

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
  - **Degree:** High School Diploma/GED, Associate's Degree, or Bachelor's Degree received within the last 60 months or currently pursuing.
  - **Discipline(s):**
    - **Engineering** (27👁)
  - **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).

**Affirmation** High School degree received by December, 2021