

Opportunity Title: Army Wellness Center Field-based Fitness Testing Protocol Validation Opportunity
Opportunity Reference Code: APHC-2020-0008

Organization U.S. Department of Defense (DOD)

Reference Code APHC-2020-0008

How to Apply Components of the online application are as follows:

- Profile Information
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - [Click here for detailed information about acceptable transcripts](#)
- Recommendation(s)

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blacked out, blackened out, made illegible, etc.) prior to uploading into the application system.

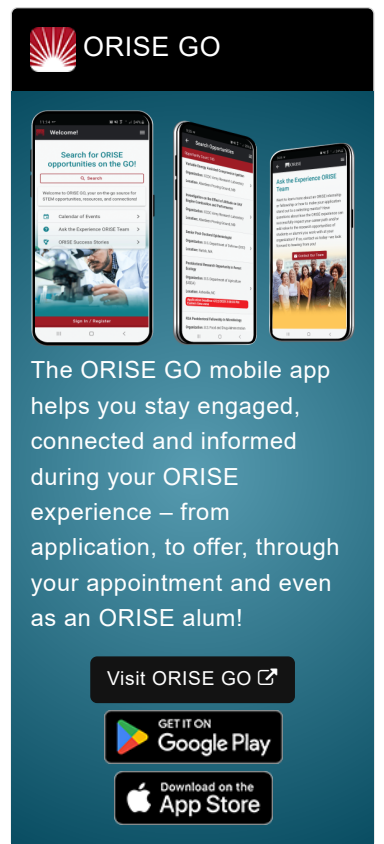
If you have questions, send an email to ARMY-PHC@orise.orau.gov. Please list the reference code of this opportunity in the subject line of the email.

All documents must be in English or include an official English translation.

Description The APHC 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. Within the APHC Health Promotion and Wellness Directorate, the Public Health Assessment Division advocates, builds capacity, and provides comprehensive program evaluation services to inform evidence-driven decision making within the Army Public Health System. The Public Health Assessment Division is comprised of a multidisciplinary team of scientists, advanced public health practitioners, and program evaluators. For more information on the


Through an Educational Partnership Agreement with Appalachian State University, the APHC is seeking two participants to support a cardiorespiratory fitness testing project. Under the direction of mentors from both APHC and Appalachian State University, the participants will receive hands-on experience in conducting protocol validation activities related to an Army health promotion and wellness program. Activities include but are not limited to: collaborate with health education staff at two locations to implement an outdoor (i.e., field-based) and an indoor (i.e., treadmill-based) cardiorespiratory fitness testing protocol; collaborate with health education staff at two locations to collect cardiorespiratory fitness testing data in outdoor and indoor settings using COSMED's K5 fitness testing technology; managing, preparing, and analyzing data to validate data collected in outdoor settings with data collected in indoor settings; communicating data validation results to the sponsoring agency; and using validation results to inform the development of a Standard Operating Procedure (SOP) for Army Wellness Center (AWC) implementation of COSMED's K5 fitness testing technology in outdoor settings. The participants will regularly collaborate with APHC project team members and their faculty mentor to define and shape project activities.


The benefits to the participant include the ability to learn about public health prevention and exercise testing approaches within the military, opportunities to apply and develop skills learned in the classroom within an applied setting (e.g., application of advanced exercise testing technology,




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literature review, database management, data analysis, and data reporting), opportunities to travel to various Army installations, and experience in translating scientific findings to inspire action.

For more information about APHC or Public Health Assessment Division, please visit

<https://phc.amedd.army.mil> and

<https://phc.amedd.army.mil/topics/healthsurv/phape/Pages/default.aspx>.

Appointment Length

This appointment is a six 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.

Participant Benefits

Participants will receive a stipend to be determined by APHC. Stipends are typically based on the 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

Nature of Appointment

The participant will not enter into an employee/employer relationship with ORISE, ORAU, DOD, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

Additional Information

While participants will not enter into an employment relationship with DOD or any other agency, this opportunity will require a suitability investigation/background investigation. Any offer made is considered tentative pending favorable outcome of the investigation.

Qualifications Potential participant must possess a strong understanding of exercise physiology, cardio-pulmonary exercise testing, data collection, analysis, and reporting in the context of public health, health promotion, and prevention.

A Bachelor or Master in Exercise Physiology, Exercise Science, or related degree required. Participants slated to receive their degrees within 3 months of application will be considered. Candidates with direct experience conducting and interpreting cardio-pulmonary exercise tests strongly preferred. Desirable skills include strong attention to detail, ability to operationalize ideas into concrete actions, strong interpersonal skills and written/oral communication skills, and intermediate to advanced Microsoft Excel skills. Experience using quantitative (e.g., SPSS, SAS, R) software strongly preferred.

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree or Master's Degree received within the last 3 months or currently pursuing.
- **Overall GPA:** 3.25

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- **Discipline(s):**

- **Chemistry and Materials Sciences** ([12](#))
- **Communications and Graphics Design** ([2](#))
- **Computer, Information, and Data Sciences** ([16](#))
- **Earth and Geosciences** ([21](#))
- **Engineering** ([27](#))
- **Environmental and Marine Sciences** ([14](#))
- **Life Health and Medical Sciences** ([45](#))
- **Mathematics and Statistics** ([10](#))
- **Other Non-Science & Engineering** ([2](#))
- **Physics** ([16](#))
- **Science & Engineering-related** ([1](#))
- **Social and Behavioral Sciences** ([27](#))