

Opportunity Title: Laboratory Quality Assurance Research Opportunity

Opportunity Reference Code: APHC-2020-0003

Organization U.S. Department of Defense (DOD)

Reference Code APHC-2020-0003

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)

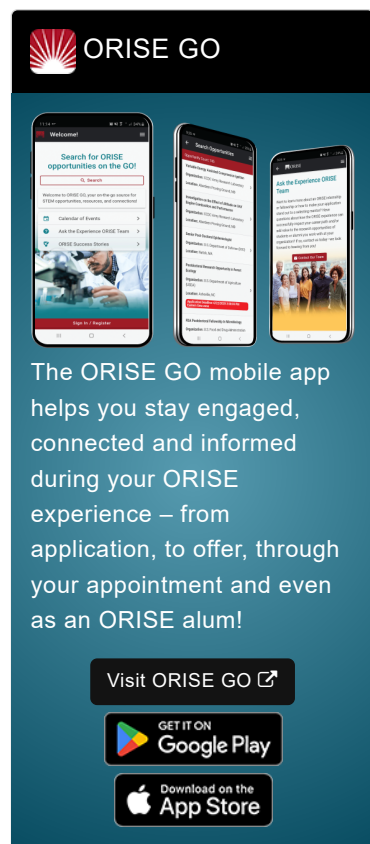
Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blacked out, blackened out, made illegible, etc.) prior to uploading into the application system.

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 U.S. Army Public Health Center (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. APHC's vision is to be a world-class provider of public health services across the Army and DOD. US Army Public Health Command Europe (PHC-E) provides timely, tailored, and technical preventive medicine, public health, and veterinary services to our stakeholders in order to protect the health and wellness, maximize the readiness, and improve the resiliency of those we are privileged to serve. Laboratory Services (LS) is located in Landstuhl, Germany and resides in a state-of-the-art recently renovated laboratory facility. LS consists of a biological analysis section, chemical analysis section, and a laboratory operations section. LS is an ISO 17025 accredited and ISO 9001 registered laboratory.


Under the guidance of a mentor, the participant will take part in the continual improvement of the LS Quality Management System to ensure continued registration and accreditation with International Standards 9001:2015 and 17025:2017 for chemical and biological testing. The participant will seek to learn and establish adequate quality standards through identification of critical attributes of the LS quality system. The participant will ensure reliability of analyses and interpretation of field or laboratory data for evaluation of results by chemists, microbiologists, and engineers for customers who rely on the data for environmental or food safety interpretations. This experience will also allow the participant to showcase their understanding of laboratory practices and analytical instruments such as spectrophotometers for this purpose. This project consist of a number of different and unrelated processes that are precise and exacting such as auditing and calibration. The participant will learn to coordinate and plan the phases of assignments and select the method or approach that will best accomplish it. In learning to maintain quality assurance databases and other records used to track and maintain the LS Quality System, the participant will also learn to document all project results while ensuring that all measurements are traceable to a national metrology body as required by the relevant accreditation.




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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.

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 Preferred candidate will possess an advanced degree in mathematics or a physical science, but a bachelor's degree in mathematics or a physical science will be considered especially if applicant possesses significant skills and/or relevant experience. Favorable skills and experiences include: knowledge and understanding in the application of quality assurance principles such as auditing, analytical data review, corrective and preventative actions, root cause analysis, traceability, and Standard Operating Procedures (SOPs) in an accredited testing laboratory; the scientific analysis of trace level inorganic and/or organic analytes; and utilizing chemical or biological analysis instrumentation.

- Eligibility Requirements**

- **Citizenship:** U.S. Citizen Only
 - **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.
 - **Overall GPA:** 3.00
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) 👁)
 - **Communications and Graphics Design** ([1](#) 👁)
 - **Computer, Information, and Data Sciences** ([4](#) 👁)
 - **Environmental and Marine Sciences** ([1](#) 👁)
 - **Life Health and Medical Sciences** ([45](#) 👁)
 - **Mathematics and Statistics** ([10](#) 👁)
 - **Other Non-Science & Engineering** ([2](#) 👁)
 - **Physics** ([16](#) 👁)

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- **Social and Behavioral Sciences** ([10](#) )