

Opportunity Title: Analytical Chemistry (MS/PhD)
Opportunity Reference Code: APHC-1817392923

Organization U.S. Army

Reference Code APHC-1817392923

How to Apply This opportunity is managed by the ORAU Department of Defense Programs office, please apply to the following website for consideration: www.orau.org/maryland

Project ID: APHC-1817392923

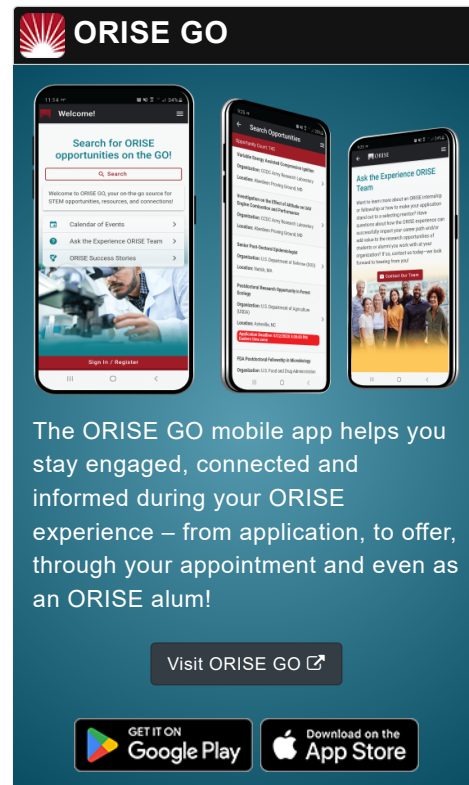
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Description Analytical Chemistry (MS/PhD Candidates)

Two ORISE Chemistry/Physics postgraduate research opportunity are available with the U.S. Army Public Health Center, located at Aberdeen Proving Ground, MD. This appointment is scheduled to last at least one year with the option to be scheduled to be renewed up to four additional years of research. This research opportunity is seeking a candidate with a Master or Doctoral degree in Master or Doctoral degree in Chemistry or Pharmaceutical Sciences specialized in the field(s) of high performance liquid chromatography based methods interfaced to various detectors such as diode array, fluorescence, and mass spectrometric. U.S. Citizenship is required. To qualify for ORISE, candidates must have completed their degree within the past five years.

Participating as an analytical chemist within the Specialty Chemistry Section providing project support for a variety of environmental and industrial hygiene/occupational health samples. Projects will be conducted using a variety of high performance liquid chromatography based methods interfaced to various detectors such as diode array, fluorescence, and mass spectrometric. Liquid chromatography methods vary between normal phase, reverse phase, and ion chromatography. Candidate should possess the ability to take a project from conception to end point. Some projects will involve sample analysis in which the analyst is responsible for ensuring data is valid, reportable, and in compliance with internal quality assurance (QA)/ quality control (QC) and ISO 17025 requirements. Project development and optimization efforts will require the ability to critically think, develop hypotheses, and test hypotheses in a planned matter.

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Qualifications Master or Doctoral degree in Chemistry or Pharmaceutical Sciences specialized in the field(s) of high performance liquid chromatography based methods interfaced to various detectors such as diode array, fluorescence, and mass spectrometric.

U.S. Citizenship is required.

Candidates must have completed their degree within the past five years.

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Master's Degree or Doctoral Degree.
 - **Discipline(s):**
 - **Environmental and Marine Sciences** (1 )
 - **Life Health and Medical Sciences** (45 )