

ORAU

**JOB POSTING
RECRUITMENT ONLY**

Position: Senior Chemist
Reference #: 01603
Organizational Unit: NS- FS/OS
Appointment Type: Full-Time
Location: Charlottesville, VA and OCONUS
Date Posted:

PURPOSE: To provide Chemists to operate, maintain and perform forensics analysis using applicable laboratory instrumentation, tools, and techniques on chemical and/or explosive materials of interest in CONUS and/or OCONUS locations.

ESSENTIAL JOB FUNCTIONS:

- Define new methods to support expansion of laboratory capabilities and improve/solve existing method deficiencies.
- Assist in developing Standard Operating Procedures (SOPs)
- Review, evaluate, and analyze data from samples and provide database entry support
- Perform equipment/instrument maintenance
- Utilize, maintain, and troubleshoot instrumentation such as the following:
 - Gas Chromatography Mass Spectrometry (GC/MS)
 - Fourier Transform Infrared (FTIR) Spectroscopy
 - Liquid Chromatography/ Mass Spectrometry / Mass Spectrometry (LC/MS/MS)
 - X-Ray Fluorescence (XRF)
 - X-Ray Diffraction (XRD)
 - Scanning Electron Microscope (SEM)
 - Inductively Coupled Plasma Mass Spectrometry (ICPMS)
 - Polarized Light Microscope (PLM)
 - Ion Chromatography (IC)
- Compare sample results to a library of known results for the specific instrumentation and chemical being tested
- Use photographic equipment to capture still images of each evidence item and relevant key portions of the evidence item, or other exhibits, to support further analysis, conclusions, and documentation
- Document examination results/findings in the required Laboratory Information System(s) and databases
- Annotate the file documentation, detailing the processing techniques and the examination results

Visit www.orau.org/careers to apply through the preferred process. If you have any questions please email work@orau.org

ORAU is an Equal Opportunity/Affirmative Action Employer. It is the policy of ORAU to recruit, hire, train and promote persons in all job classifications without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, mental or physical disability, covered veteran's status, or genetic information.

Applicants that apply for a position that requires access authorization then ORAU will test for the absence of any illegal drugs as defined in 10 CFR 707.4. ORAU will also conduct a background investigation by the Federal government as required to obtain an access authorization prior to employment, and reinvestigations will be conducted as required.

Applicants that apply for a position that are covered by the Counterintelligence Evaluation Program regulations as defined in 10 CFR 709 may be required to have a counterintelligence-scope polygraph examination.

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- Perform administrative and/or technical reviews of files, reports, data, etc.
- Ensure a proper chain of custody for all evidence and samples is maintained
- Maintain a clean laboratory and personal workspace environment, in accordance with laboratory procedures
- Train junior personnel on equipment, instruments, methods, and procedures
- Supervise junior staff and assign daily tasks and responsibilities
- Lead development and execution of test plans, validations, and method development

JOB REQUIREMENTS:

- Bachelor's degree in science (e.g., chemistry, biochemistry, clinical laboratory sciences, or forensics) coupled with 10 years of directly relatable experience in the discipline or a Master's degree in science (e.g., chemistry, biochemistry, clinical laboratory sciences, or forensics) coupled with 5 years of directly relatable experience in the discipline
- Five (5) year of experience working in the Intelligence Community (IC) environment
- Proficiency working with chemistry analytical methodologies such as Gas Chromatography (GC) and/or Fourier Transform Infrared (FTIR) Spectroscopy
- Must possess, at a minimum, intermediate computer skills and experience with Microsoft Office applications including Word, Excel, PowerPoint, Access, Project and Outlook
- Must be able to successfully pass all medical requirements for deployment, as needed
- Must be able to successfully pass a skills assessment
- Currently have an active DoD Secret security clearance
- U.S. citizenship
- Eligible for both US Tourist Passport and US Official Passport

DESIRED QUALIFICATIONS:

- Professional certification such as American Board of Criminalistics (ABC) or American Chemical Society (ACS)
- Previous experience as a Chemist in an accredited forensic laboratory
- An active DoD security clearance – Top Secret w/ SCI eligibility or TS/SCI
- Deployed experience in an Analytical/Operational environment

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