

**Opportunity Title:** MRICD Analytical Chemistry/Medical Diagnostics Internship - Associate's, Bachelor's or Master's Level

**Opportunity Reference Code:** MRDC-MRICD-2025-0010

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

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

**Description** The Department of Defense (DoD) is offering postgraduate internships at the U.S. Army Medical Research and Development Command - Medical Research Institute of Chemical Defense (USAMRDC MRICD).

**What will I be doing?**

As an Oak Ridge Institute for Science and Education (ORISE) participant, you will join a community of scientists and researchers in an effort to support the development of medical diagnostics for toxic chemical agents and their medical countermeasures.

**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 including but not limited to:

- Analytical chemistry
- Instrumentation operation and troubleshooting (LC-MS/MS, GC-MS/MS and/or NMR)
- Data collection and analysis using basic and specialized software like MS Office, Prism, Analyst, and MassHunter
- Sample preparation from blood, plasma, urine, polymers and other matrices
- Presentation of results for reporting and writing manuscripts for peer-reviewed publications
- Develop results for reporting and writing manuscripts for peer-reviewed publications.

In addition, the opportunity exists to obtain GLP (Good Laboratory Practice) regulatory experience and accreditation

**Where will I be located?**

Aberdeen Proving Ground, Maryland

**What is the anticipated start date?**

The USAMRDC MRICD is ready to make appointments immediately. Exact start dates will be determined at the time of selection and in 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?**

Appointments are initially for one year with the option to extend the appointment for up to four additional years, contingent upon project needs and funding availability.

**What are the provisions?**

You will receive a stipend to be determined by USAMRDC MRICD. The stipend range for this internship is from \$49,118.00 - \$66,061.00 for a 12-month appointment. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location.



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Other provisions may include the following:

- Health Insurance Supplement (*Participants are eligible to purchase health insurance through ORISE*)
- Relocation Allowance
- Training and Travel Allowance

**About USAMRDC MRICD**

The U.S. Army Medical Research Institute of Chemical Defense (USAMRICD) is the Department of Defense's lead laboratory for medical chemical defense research. As a subordinate element of the U.S. Army Medical Research and Development Command (USAMRDC), the institute conducts research for development of medical countermeasures to treat exposure to various chemical threat agents for protection of soldiers and civilians. Scientific disciplines at USAMRICD include, but are not limited to, chemistry, biology, biochemistry, pharmacology, molecular biology, neuroscience, toxicology, physiology, psychology, and immunology. For more information about the USAMRICD, please visit website: <https://usamricd.health.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** The qualified candidate will have an Associate's, bachelor's or master's degree. Degree must have been received within five years of the appointment start date. U.S. military veterans who have been honorably discharged (or who have been medically discharged because of a service-connected disability) and who received an Associate's, bachelor's or master's degree within ten years of the desired start date are also eligible.

**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 - Please upload a copy of a transcript for your current or most recent degree program that meets the disciplinary qualifications of the opportunity. [Click here for detailed information about acceptable transcripts](#).
- Two Recommendations. We encourage you to contact your recommenders as soon as you start your application to ensure they are able to complete the recommendation form and to let them know to expect a message from Zintellect. Recommenders will be asked to rate your scientific capabilities, personal characteristics, and describe how they know you. You can

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always log back in to your Zintellect account and check the status of your application.

If you have questions, send an email to [ARMY-MRMC@orise.orau.gov](mailto:ARMY-MRMC@orise.orau.gov). Please list the reference code of this opportunity [MRDC-MRICD-2025-0010] 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.

**Connect with ORISE...on the GO!** Download the new ORISE GO mobile app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

**Point of Contact** [Kimberly](#)

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
  - **Degree:** Associate's Degree, Bachelor's Degree, or Master's Degree received within the last 60 month(s).
  - **Minimum Overall GPA:** 3.00
  - **Discipline(s):**
    - **Chemistry and Materials Sciences** ([11](#))
    - **Engineering** ([2](#))
    - **Environmental and Marine Sciences** ([1](#))
    - **Life Health and Medical Sciences** ([51](#))
  - **Age:** Must be 18 years of age
  - **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).