

Opportunity Title: USAMRICD Neuroscience, Pharmacology, and Toxicology of Chemical Weapons Postdoctoral Fellowship

Opportunity Reference Code: MPMC-MRICD-2022-0017

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 a post-doctoral fellowship at the U.S. Army Medical Research Institute of Chemical Defense (USAMRICD).

What will I be doing?

As an ORISE participant, you will join a community of scientists and researchers in an effort to elucidating the neurological effects of exposure to a variety of chemical threats, including nerve agents, vesicants, and toxic industrial chemicals with the goal of developing novel therapeutics and defining treatment strategies for Warfighters and civilians exposed to chemical weapons.

Why should I apply?

Under the guidance of a mentor, you will gain hands-on experience to support your academic and professional goals. Along the way, you will engage in activities and research in several areas. These include, but are not limited to:

- Engage in hands-on research with a variety of in vivo model systems utilizing techniques such as EEG, histopathology, and behavioral assays.
- Opportunity to publish research, present findings at scientific meetings, and participate in applications for new funding.
- Opportunity to collaborate with partnering laboratories in academia, industry, and the DoD.

What is the anticipated start date?

MPMC-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 fellowships will be filled as qualified candidates are identified.

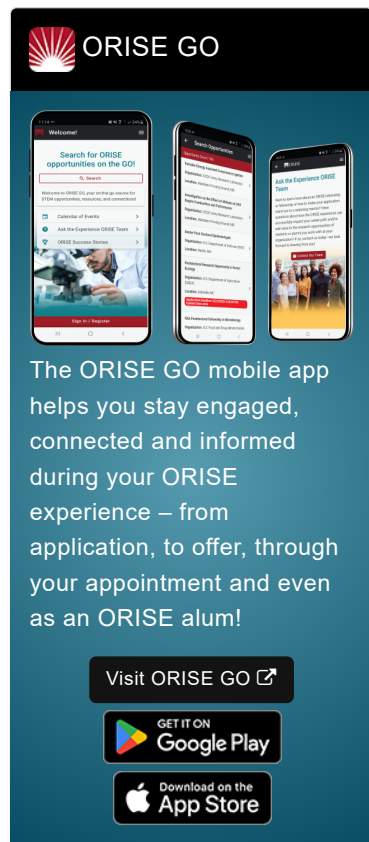
What is the appointment length?

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 benefits?

You will receive a stipend starting at \$72,000 for a 12-month appointment. Stipends are typically based on a participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:

- Health Insurance Supplement (*Participants are eligible to purchase*



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health insurance through ORISE)

- Relocation Allowance
- Training and Travel Allowance

About MRMC-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 Materiel Command (USAMRMC), 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 MRMC-MRICD, please visit [army-mrmc@orise.orau.gov](mailto:mrmc@orise.orau.gov). The mentor for this position will be Dr. Hilary McCarren. Please contact her at hilary.s.mccarren.civ@health.mil for more information.

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 a doctoral degree or will have been completed by June 30, 2023.

Highly competitive applicants will have education and/or experience in one or more of the following:

- Experience with neuroscience, pharmacology, or toxicology, but other disciplines will be gladly considered.
- Willing and able to work with rodents and toxic chemicals.

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)

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- Transcripts/Academic Records - For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. [Click here for detailed information about acceptable transcripts.](#)
- One Recommendation. Your application will be considered incomplete and will not be reviewed until one recommendation is submitted. We encourage you to contact your recommender 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. Recommender will be asked to rate your scientific capabilities, personal characteristics, and describe how they know you. You can 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. Please list the reference code of this opportunity MRMC-MRICD-2022-0017 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!

**Eligibility
Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Doctoral Degree received within the last 12 months or anticipated to be received by 6/30/2023 12:00:00 AM.
- **Overall GPA:** 3.00
- **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Engineering** ([1](#) )
 - **Life Health and Medical Sciences** ([26](#) )
 - **Mathematics and Statistics** ([1](#) )
 - **Social and Behavioral Sciences** ([5](#) )
- **Veteran Status:** Veterans Preference, degree received within the last 120 month(s).