

Opportunity Title: HHS BARDA Division of Chemical, Biological, Radiological, and Nuclear (CBRN) Countermeasures Fellowship

Opportunity Reference Code: HHS-BARDA-2026-0005

Organization U.S. Department of Health and Human Services (HHS)

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How to Apply *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!

A complete application package consists of:

- An application
- Transcript(s) – 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. Selected candidate must provide proof of completion of the degree before the appointment can start. All transcripts must be in English or include an official English translation. Click [Here](#) for detailed information about acceptable transcripts.
- A current resume/CV
- One professional or educational recommendation

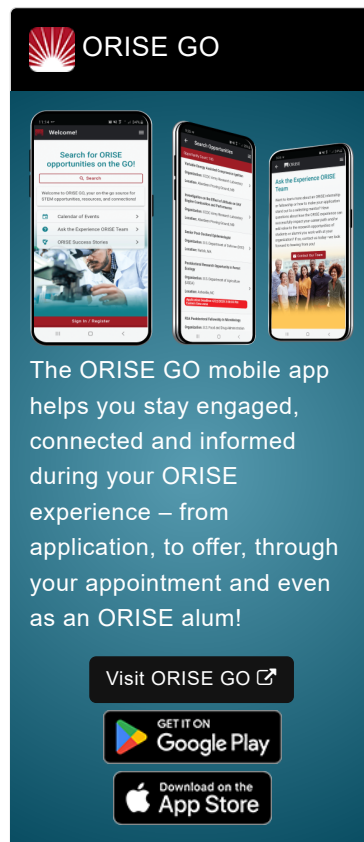
Application Deadline 10/1/2026 3:00:00 PM Eastern Time Zone

Description *Applications will be reviewed on a rolling-basis.

HHS Office and Location: An ORISE fellowship opportunity is available with the Division of Chemical, Biological, Radiological, and Nuclear (CBRN) Medical Countermeasures within the Biomedical Advanced Research and Development Authority (BARDA), Administration for Strategic Preparedness and Response (ASPR), at the U.S. Department of Health and Human Services (HHS). This mentored research training opportunity is located in the Washington, D.C. metropolitan area and may include in-person participation at BARDA offices in Washington, D.C. or Maryland.

The mission of the U.S. Department of Health and Human Services (HHS) is to enhance the health and well-being of all Americans by providing effective health and human services and fostering advances in medicine, public health, and biomedical science.

The Administration for Strategic Preparedness and Response (ASPR) leads the nation's medical and public health preparedness, response, and recovery efforts for public health emergencies and disasters. Within ASPR, the Biomedical Advanced Research and Development Authority (BARDA) supports the advanced research, development, and procurement of medical countermeasures needed to prepare for and respond to health security threats. The Division of Chemical, Biological, Radiological, and Nuclear (CBRN) Medical Countermeasures protects the Nation's health security by advancing the research, development, manufacturing, and procurement of medical countermeasures to prepare for and respond to chemical, biological, radiological, and nuclear threats. Through collaborations with government, academia, and industry, CBRN advances innovative vaccines, therapeutics, diagnostics, and platform technologies that strengthen national preparedness and enhance the ability to protect civilian



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populations from current and emerging public health threats.

Please visit www.medicalcountermeasures.gov to learn more about BARDA.

Project Description: The Division of Chemical, Biological, Radiological, and Nuclear (CBRN) Medical Countermeasures within BARDA advances the research, development, manufacturing, and preparedness activities necessary to strengthen the Nation's ability to respond to chemical, biological, radiological, and nuclear public health threats. Through this educational research participation opportunity, you will engage in a mentored learning experience focused on the scientific, translational, and regulatory processes involved in advancing medical countermeasures, including vaccines, therapeutics, diagnostics, and platform technologies, from early development through clinical evaluation and regulatory pathways. You may participate in research activities involving scientific literature evaluation, technology landscape analysis, assessment of emerging threats, and review of nonclinical and clinical evidence used to inform medical countermeasure development strategies and preparedness efforts.

The specific opportunities are in BARDA's CBRN Division with the:

- Vaccines Program, which focuses on the advanced development, licensure, and procurement of vaccines for priority threats, including Ebolaviruses, Marburg virus, smallpox, and anthrax, as well as emerging infectious disease threats.
- Antivirals and Antitoxins Program, training opportunity on the advanced development, licensure, and procurement of therapeutics for priority threats, including Ebolaviruses, Marburg virus, smallpox, and anthrax, as well as emerging infectious disease threats. Competitive applicants would demonstrate experience in infectious disease, virology, product testing and evaluation, and/or applications for artificial intelligence, in silico modeling, microphysiological systems, and other new approach methodologies in product development.
- Burn and Blast MCM Program, which focuses on the advanced development leading to FDA clearances and approvals and procurement of products for this priority RadNuc threat. The products developed include novel ultrasound devices, biomarker tests and enabling technologies across five sub-portfolios (Burn injuries, Traumatic Brain Injuries, Hemorrhage control, Thoraco-abdominal injuries and Musculo-skeletal injuries) seen in mass casualties.

Learning Objectives: This opportunity is intended to provide exposure to multidisciplinary collaboration across government, academic, and industry research environments while expanding your understanding of the scientific and public health considerations that support national health security preparedness. Through this mentored research training experience, you will develop knowledge of pandemic influenza preparedness, emerging infectious disease research, and the scientific principles underlying vaccine

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development and evaluation. You may gain experience applying bioinformatics and computational approaches to genomic surveillance, analysis of influenza sequence data, and interpretation of antigenic and immunologic datasets associated with candidate vaccine research. This opportunity is intended to strengthen your skills in scientific data analysis, interdisciplinary collaboration, scientific communication, and evaluation of scientific literature related to influenza viruses with pandemic potential. You will also gain broader exposure to translational research and public health preparedness activities that contribute to the development of medical countermeasures and pandemic response capabilities.

Mentor: The mentor for this opportunity is Felicia Harris (felicia.harris@hhs.gov). If you have questions about the nature of the research, please contact the mentor.

Anticipated Appointment Start Date: Flexible; the start date will depend on the selection and onboarding process.

Appointment Length: The appointment will initially be for one year but may be renewed upon recommendation of BARDA and is contingent on the availability of funds.

Place, Level of Participation, & Schedule (Remote): The program supports 100% remote participation, with required travel to Washington, DC and/or vendor sites, as needed. ***Opportunities for in-person engagement may enhance the fellowship experience. However, remote participation will not preclude an otherwise highly qualified candidate from consideration.*** Remote fellows will participate on a full-time basis, up to 40 hours per week. A flexible schedule may be available based on program and operational needs. Fellows should be available during the program's core hours of 9:00 a.m. – 3:00 p.m. Eastern Time on scheduled participation days. The specific schedule may be established or requested by the assigned Mentor.

As BARDA is an emergency response agency, fellows may also be required to participate on weekends and federal holidays when necessary to maximize training opportunities, gain exposure to emergency response activities, and support program objectives. Such participation will be based on operational and training needs and coordinated by the assigned Mentor.

Participant Stipend: The participant will receive a monthly stipend commensurate with educational level and experience. You must maintain health insurance coverage throughout your appointment, you will be offered a health insurance stipend to help offset the cost of coverage.

Citizenship Requirements: This opportunity is available to U.S. citizens only.

ORISE Information: This program, administered by 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

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through an interagency agreement between DOE and HHS. Participants do not become employees of HHS, DOE or the program administrator, and there are no employment-related benefits. Proof of health insurance is required for participation in this program. Health insurance can be obtained through ORISE.

The successful applicant(s) will be required to comply with Environmental, Safety and Health (ES&H) requirements of the hosting facility.

Questions: Please visit our [Program Website](#). After reading, if you have additional questions about the application process please email HHSrpp@orau.org and include the reference code for this opportunity.

Qualifications The qualified candidate should have received a master's or doctoral degree in one of the relevant fields. Postgraduates must have received their degree in an appropriate STEM discipline within five years of the appointment start date or must complete all requirements for such a degree prior to the desired start date.

Preferred skills:

- Strong oral and written skills
- Critical thinking and data analysis
- Independence, self-motivation, and the ability to take initiative

Point of Contact [Rachel](#)

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| Eligibility | <ul style="list-style-type: none">• Citizenship: U.S. Citizen Only |
| Requirements | <ul style="list-style-type: none">• Degree: Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 month(s).• Discipline(s):<ul style="list-style-type: none">◦ Chemistry and Materials Sciences (12 )◦ Communications and Graphics Design (2 )◦ Engineering (3 )◦ Environmental and Marine Sciences (1 )◦ Life Health and Medical Sciences (48 )◦ Mathematics and Statistics (1 ) |