Opportunity Title: Research Opportunity in Filovirus therapeutics animal model development
Opportunity Reference Code: BARDA-AVAT-2017-249-0006

Organization	U.S. Department of Health and Human Services (HHS)
Reference Code	BARDA-AVAT-2017-249-0006
How to Apply	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. Proof must be sent to ORISE directly from the academic institution including graduation date and degree awarded. All transcripts must be in English or include an official English translation. Click Here (http://orise.orau.gov/sepreview/transcripts.html) for detailed information about acceptable transcripts.
- A current resume/CV
- Two references – While two references are requested, applications will be considered without reference information. It is preferred that a complete application package contains a minimum of one reference.

If you have questions, send an email to BARDA@orau.org. Please include the reference code for this opportunity in your email.

Application Deadline	9/15/2017 11:59:00 PM Eastern Time Zone
Description	A research opportunity is available in the Biomedical Advanced Research and Development Authority (BARDA), within the Office of the Assistant Secretary for Preparedness and Response (ASPR) in the U.S. Department of Health and Human Services (DHHS). BARDA provides an integrated, systematic approach to the advanced research and development of medical countermeasures for chemical, biological, radiological, and nuclear agents that threaten the U.S. civilian population. The Anti-Viral and Anti-Toxin (AVAT) program at BARDA focuses on identifying and developing Medical Countermeasures (MCMs) that can be used in viral or bacterial public health emergencies in addition to developing animal models to assess these products. Filovirus, Smallpox, and Anthrax pathogens as well as botulinum toxin are of current interest to the AVAT program.

With the recent outbreaks of emerging infectious diseases such as Ebola and Zika, BARDA has played more of a role as a response agency, helping to address public health needs by advancing the development of MCMs. With the end of the West Africa Ebola outbreak, there still is a need to further develop therapeutic drugs to counter Ebola and procure them for the

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strategic national stockpile, especially since there are no drugs currently licensed by the FDA to treat Ebola. This is an exciting opportunity for a participant to be involved with such critical activities to help protect our Nation.

This fellowship will primarily involve researching filovirus MCM development to refine the animal model, analyze data, and support product advancement. BARDA is engaged in program management; there will be no bench or wet lab research associated with this position. The participant will assist with research pertaining to the AVAT animal model development team, the particpiant will engage on animal model study design discussions, assist in data analysis, and have an opportunity to co-author manuscripts. A comprehensive literature search and market research will be necessary on a variety of topics including but not limited to filovirus research, potential MCM targets, and prospective products. The participant will be trained on developing various contract management tools including a stockpile inventory template to support AVAT investments and procurement logistics and databases with itemized costs for research and development activities for monoclonal antibody research and small molecules to facilitate Independent Government Cost Estimates (IGCE). Other opportunities may include providing technical support for AVAT funded projects, assisting in the development of relevant policy documents, participation in BARDA internal and external communications with other Government partners (i.e. FDA, NIH, DoD), pharmaceutical drug developers and Contract Research Organizations (CROs)s, to support the AVAT program mission.

Travel for presentations at conferences/meetings may be required as well as site visits to product developers and animal study research organizations. The participant will receive a monthly stipend commensurate with educational level and experience. Health insurance will be provided. The appointment is full-time at HHS in the Washington, D.C. area. Participants do not become employees of HHS or the program administrator, and there are no fringe benefits paid.

Research opportunities are full-time, for one year, and may be renewed for up to one additional year upon recommendation of BARDA. Appointments are contingent on the availability of funds. The selected applicant will receive a stipend as support for their living and other expenses during this appointment. Stipend rates are determined by BARDA officials, and are based on the applicant's academic and professional background. The participant must show proof of health and medical insurance. Health insurance can be obtained through ORISE. The participant will not enter into an employee/employer relationship with ORISE, ORAU, HHS, BARDA, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE

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appointment letter and Terms of Appointment.

While participants will not enter into an employment relationship with BARDA, this position requires a pre-appointment check and a full background investigation.

Qualifications	The incumbent should have a Ph.D. in biology, microbiology, virology, or molecular biology. A strong background in virology is preferred.

It would be advantageous to the program for the incumbent to have experience in virology, laboratory research, drug discovery and development, and/or animal research and experimentation. Strong oral and written skills will be needed. Critical thinking, data analysis, and protocol/study design will be necessary skills. Independence, self motivation, and the ability to take initiative would be considered favorable. |
| **Eligibility Requirements** | **Citizenship:** U.S. Citizen Only **Degree:** Doctoral Degree received within the last 60 month(s). **Discipline(s):** **Communications and Graphics Design** (1 👁) **Computer, Information, and Data Sciences** (1 👁) **Life Health and Medical Sciences** (12 👁) **Mathematics and Statistics** (1 👁) |