

Opportunity Title: Science Communication and Education Fellow

Opportunity Reference Code: MRMCMC-WRAIR-2019-0011



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Organization U.S. Department of Defense (DOD)

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How to Apply Components of the online application are as follows:

- Profile Information
- Educational and Employment History
- Essay Questions (goals, experiences, and skills relevant to the opportunity)
- Resume (PDF)
- Transcripts/Academic Records - [Click here for detailed information about acceptable transcripts](#)
- Recommendations

Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.

If you have questions, send an email to ARMY-MRMC@ORISE.ORAU.gov. Please list the reference code of this opportunity in the subject line of the email.

All documents must be in English or include an official English translation.

Description

The sponsoring research facility for this fellowship is the Walter Reed Army Institute of Research in Silver Spring, MD. See www.wrair.army.mil for more information. The fellowship will be carried out in both Centers (Infectious Disease Research and Military Psychiatry and Neuroscience) under the mentorship of the director for science education.

The Walter Reed Army Institute of Research (WRAIR) is offering a multimedia research learning opportunity in Silver Spring, MD. WRAIR has a global science and biomedical research mission within the Department of Defense. This visual science communication and education participant will be mentored in the design, development and production of research multimedia products. The participant will be mentored by scientists and science educators in the creation of visual products using a variety of different computer software programs, equipment and tools. For example, multimedia products have shown efficacy in treating individuals with PTSD, acute stress reaction and other behavioral anomalies. The participant will collaborate with scientists to develop these multimedia products to accomplish this medical research. These projects will have dual use in STEM education and communication once developed. This opportunity offers very specialized training for fellows at the cusp between science education/ communication and therapeutics research while enhancing their existing skill sets in STEM. This opportunity will provide applied experience with the planning, preparation and use of photographs, illustrations, drawings, and other art work, charts, diagrams, maps, slides, video, overlays, and other kinds of technology for use in scientific research products.

Appointment Length

This appointment is a twelve month research appointment, with the possibility to be renewed for additional research periods. Appointments may be extended depending on funding availability, project assignment, program rules, and availability of the participant.

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Participant Benefits

Participants will receive a stipend to be determined by WRAIR. Stipends are typically based on the participant's academic standing, discipline, experience, and research facility location. Other benefits may include the following:

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

Nature of Appointment

The participant will not enter into an employee/employer relationship with ORISE, ORAU, DOD, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE appointment letter and Terms of Appointment.

Qualifications

A STEM graduate, preferably a technologist, with either a bachelors or masters degree is requested. Some experience with programs such as Adobe Illustrator, InDesign, Photoshop, Premiere, Audition, or Thinglink would provide beginning capabilities to carry out the mentored projects. An introductory knowledge of Drupal, HTML, CSS would be helpful.

The candidate will be participating not only with the mentor but many scientists whose research endeavors are complex; the candidate should be a good listener willing to learn the art of science translation into understandable language and visual illustration for the science novice, whether a patient or a young STEM student.

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree or Master's Degree received within the last 60 month(s).
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (12 )
 - **Communications and Graphics Design** (2 )
 - **Computer, Information, and Data Sciences** (16 )
 - **Earth and Geosciences** (21 )
 - **Engineering** (27 )
 - **Environmental and Marine Sciences** (14 )
 - **Life Health and Medical Sciences** (45 )
 - **Mathematics and Statistics** (10 )
 - **Other Non-Science & Engineering** (2 )
 - **Physics** (16 )
 - **Science & Engineering-related** (1 )
 - **Social and Behavioral Sciences** (27 )