



OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION  
RESEARCH PARTICIPATION PROGRAM  
U.S. ARMY EDGEWOOD CHEMICAL AND BIOLOGICAL CENTER (ECBC)  
BELCAMP, MARYLAND

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**Microbiology and Biochemistry Project at Aberdeen Proving Ground, Maryland**

**Project #ECBC-LC-2010-014**

The Research Participation Program for the Edgewood Chemical and Biological Center (ECBC) provides opportunities to participate in ECBC emerging and on-going applied research and development projects at Aberdeen Proving Ground, Maryland. ECBC provides state-of-the-art science, technology and engineering solutions to meet the rapidly changing needs of the Warfighter. The Center offers a full array of material management assistance ranging from risk management to agent detection, testing, and decontamination. Degree disciplines include Microbiology, Chemistry, Biology, Occupational Health, Risk Management, Engineering, and Computer Science.

One appointment is available at the ECBC, Aberdeen Proving Ground, Maryland.

This appointment includes, but is not limited to, the following:

- Cell culture, purification of enzymes/proteins, enzymatic assays, protein determination and analysis, microbiological analysis, and working in a team environment with other scientists.
- General laboratory upkeep, quality compliance and quality assurance.

Applicants should have received a Master's or Bachelor's in Biochemistry, Microbiology, with experience in Microbiology/Cell Culture, or related discipline within three years of the desired starting date, or a Bachelor's with 2-4 years of laboratory experience related to biochemistry and/or microbiology and cell culture or completion of all requirements for the degree should be expected on or about the starting date. The candidate is expected to work under army safety regulations and secure a successful background check. Other applicants will be considered on a case-by-case basis. The program is open to all qualified U.S. citizens without regard to race, sex, religion, color, age, physical or mental disability, national origin, or status as a Vietnam era or disabled veteran.

The participants will be selected based on academic records, recommendations, applied research interests and compatibility of background with applied research programs and projects at ECBC and/or the host Installation.

The initial appointment is for **one year** and may be renewed for up to two additional years based upon recommendation of USAECBC and subject to availability of funds. The appointment is **full time** at ECBC.

The participant will receive a monthly stipend. The stipend rate is determined based upon level of education, training, and experience. Inbound travel and moving expenses are reimbursed according to established policies. Travel and other costs will also be reimbursed for training related to the project and approved by ORISE and the host installation. IT IS EXPECTED THAT THIS POSITION WILL REQUIRE EXTENSIVE TRAVEL TO OTHER MILITARY INSTALLATIONS/SITES TO PERFORM PROJECT TASKS.

The participant must show proof of health and medical insurance. Health plans are available through the Oak Ridge Institute for Science and Education for Postgraduate Internship participants. The appointment is full time at the host installation.

Applications are accepted and processed on a continuing basis. The Research Participation Program for USAECBC is administered by the Oak Ridge Institute for Science and Education. Please reference **Project #ECBC-LC-2010-014** when calling, emailing, or writing for information. For immediate consideration applicants may forward resumes or vitas to the email address listed below. Additional information and application material can be found on the following website [www.oraui.org/Maryland](http://www.oraui.org/Maryland).