

**RESEARCH PARTICIPATION PROGRAM
U.S. ARMY CENTER FOR HEALTH PROMOTION AND PREVENTION MEDICINE (USACHPPM)
ABERDEEN PROVING GROUND, MARYLAND**

Chemical Analysis of Drinking Water Project at Aberdeen Proving Ground, Maryland

Project #CHPPM FY2008-06

The Research Participation Program for the U.S. Army Center for Health Promotion and Preventive Medicine (USACHPPM) provides opportunities to participate in USACHPPM on-going applied research projects in the areas of environmental health engineering, entomological sciences, ionizing and nonionizing radiation, occupational and environmental health, industrial hygiene and worksite hazards, environmental sanitation and hygiene, and laboratory services worldwide.

An appointment is available at the USACHPPM, Aberdeen Proving Ground, Maryland. The participant will analyze GWOT deployment drinking water with emerging "lab on a chip" technology employing hand-held discrete analyzers for use in reference laboratories and the field. These methods will replace the extensive and cumbersome drinking water kits that are used today and will expedite the turn around of analytical data for high priority GWOT projects.

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

- Assist with the implementation of this new instrumentation for the analysis of several analytes to include method validation, demonstration of proficiency, automation, and SOP writing.
- Assist with the analysis of GWOT deployment drinking water samples employing current methods and will participate in QC data review.

Applicants should have received a Bachelor's or Master's degree in Chemistry or related field within three years of the desired starting date, or completion of all requirements for the degree should be expected on or about the starting date. 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 USACHPPM 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 USACHPPM and subject to availability of funds. The appointment is **full time** at USACHPPM.

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.

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 USACHPPM is administered by the Oak Ridge Institute for Science and Education. Please reference **Project #CHPPM FY2008-06** 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.ORAU.org/Maryland.

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