

U.S. ENVIRONMENTAL PROTECTION AGENCY
CAREER OPPORTUNITY
DIRECTOR, MICROBIOLOGICAL AND CHEMICAL EXPOSURE ASSESSMENT
RESEARCH DIVISION

ANNOUNCEMENT NUMBER: NERL-09-42-07

OPENING DATE: May 15, 2009

CLOSING DATE: September 14, 2009

POSITION: Director, Microbiological and Chemical Exposure Assessment
Research Division

NUMBER OF POSITIONS: 1

SALARY: Salary up to \$200,000 per annum, dependent upon qualifications,
experience and other factors.

DUTY LOCATION: EPA, Office of Research and Development, National Exposure
Research Laboratory <http://www.epa.gov/nerl/>, Microbiological
and Chemical Exposure Assessment Research Division,
Cincinnati, OH.

AREA OF CONSIDERATION: Nationwide (All Sources). Non-U.S. citizens may be appointed
provided they are citizens of nations with a treaty aligned with the
U.S. or if they are citizens of a nation that has a legal employment
arrangement with the U.S. All non-U.S. citizens must come with
the appropriate employment visa. Appointments of non-U.S.
citizens may not exceed the expiration date of their employment
visa. For further information, please refer to
http://www.opm.gov/hr_practitioners/lawsregulations/citizenship/.

SPECIAL NOTE: ORD is filling this position using EPA's Title 42 Authority, which
offers up to 5-year renewable term appointments at highly
competitive, market-based salaries. The position is part of a larger
EPA effort to use state-of-the-science approaches and technologies
in its mission of protecting human health and the environment.

The position is subject to the Ethics in Government Act of 1978.
Appointment will be subject to applicant's completion of a
background security investigation and favorable adjudication.
Also, appointment will be subject to applicant's completion of a

financial disclosure process which includes completing an SF-278, Public Financial Disclosure Report.

HIGH-LEVEL CAREER OPPORTUNITY IN ENVIRONMENTAL HEALTH

The Office of Research and Development (ORD) seeks to recruit a senior scientist to hold a supervisory management and research leadership position as the Division Director for the Microbiological and Chemical Exposure Assessment Research Division (MCEARD) of the National Exposure Research Laboratory (NERL). The primary focus of MCEARD's research program is human exposures to contaminants in the water environment. As a critical research need for the Agency, MCEARD leads research to understand waterborne pathogen and indicator microbial ecology and their potential risk factors in both natural and engineered water systems. Novel approaches to assess human exposures to pathogens are also being sought. Improved detection methods and spatio-temporal measurements of microbial contaminants are needed to characterize human exposures from drinking and environmental waters to better assess and manage pathogen risks. The Division also adapts, modifies or applies state-of-the-art instrumentation and techniques to develop sensitive instrumental based analytical methodologies for measuring chemical contaminants in aqueous and solid matrices to support exposure assessment and regulatory programs. It is anticipated that the incumbent will develop, direct, and lead a research program relevant to engineered and natural water environments, coordinate the MCEARD program with other relevant programs inside and outside of the Agency, and communicate the impact of the division's research. The incumbent will have substantial hands-on involvement and participation in the scientific research of the Division. Major duties of the position are as follows:

Major Duties:

- Serving as the Director of MCEARD. In this scientific leadership role, the incumbent plans, develops, organizes, directs and implements a highly technical and complex scientific research and development program that has nationwide impact and a staff of approximately 80 individuals, including approximately 50 federal employees, along with support staff such as students, postdoctoral associates, and senior environmental employees. The incumbent supervises employees located in Cincinnati, Ohio.
- Establishing, directing and leading a research program to address critical needs for human exposure risk to microbial and chemical contaminants in water environments. Areas of particular importance are (1) developing methods for detecting microbial and chemical contaminants that pose significant health risks and (2) understanding the ecology of the microbial contaminants to identify source contributions and conditions under which exposure risks are most likely to occur. A broad-based multidisciplinary research program would include the development of tools (methods, models, and databases) to assess exposures and determine how best to minimize and mitigate microbial and chemical contaminant risks.
- Providing scientific leadership and expertise to ORD's microbial and chemical exposure assessment research program by working with appropriate management and staff to help ensure that the program is on the leading scientific edge of such research. The incumbent will take full advantage of the expertise and capabilities in ORD, maximizing the use of resources dedicated to solving high-

priority problems in this area. The incumbent will also seek opportunities to integrate research activities with those supported through the other research laboratories and centers within ORD.

- Serving as a scientific leader and senior spokesperson/representative for ORD on exposure risks from microbial and chemical contaminants in water environments, including participation on workgroups within and outside of EPA.
- Working in close coordination with appropriate ORD management and staff, the incumbent will seek opportunities to help guide the research agenda of outside research organizations with similar interests and define collaborative opportunities.

This position has no extramural resources management responsibilities.

QUALIFICATIONS

The individual selected for this position will provide leadership across ORD in the activities stated above. He/she will have a combination of technical expertise, management, and supervisory experience applicable to the activities above. He/she will have had demonstrated research leadership and management of large multi-disciplinary projects focused on environmental molecular microbiology and the ability to deliver research that impacts on local, community and nation-wide environmental hazard exposure assessments.

To meet the eligibility criteria, applicants must have a doctoral-level degree in a pertinent science or engineering discipline and substantive specialized experience (technical operations, administrative or managerial) in a type of work or a combination of functions directly related to this position. In addition, the individual should be the recipient of recognition within the scientific community for significant contributions to research and high-impact collaborative efforts.

EVALUATION METHOD

Candidates will be evaluated on the basis of meeting the qualifications stated previously. In determining the degree to which candidates possess the required or desired knowledge, skills, and abilities, an evaluation panel will consider related experience, education, training, awards, and professional references.

HOW TO APPLY FOR THIS POSITION

Send the following information: (a) a cover letter (1-2 pages), to include your experience in leading an environmental research program and how your experience relates to the duties of the position for which you are applying; (b) curriculum vitae; (c) the names of three references; (d) citizenship status; (e) compensation requirements and (f) how you heard about this vacancy. Please cite announcement number **NERL-09-42-07** in your application.

Applications should be sent via email to title42@epa.gov or mailed to the attention of Ms. Dorothy Carr, U.S. EPA, HRMD, MD-C639-02, RTP, NC 27711. **Applications must be received by September 14, 2009, in order to be considered.** Electronic submission of application materials is encouraged. Applications sent via email must be submitted in a format readable by this office, such as MS Word,

portable document format (PDF), rich text format (RTF), or plain text. Use of any format we cannot read may invalidate your application.

For additional information, Ms. Carr can also be reached at (800) 433-9633. Technical questions pertaining to this vacancy may be addressed to Dr. Linda Sheldon at (919) 541-2205.

TRAVEL/RELOCATION EXPENSES

In accordance with Federal and Agency travel regulations, the candidate selected for this position will be reimbursed for travel, transportation, and relocation expenses associated with reporting for duty to this position.

BENEFITS

The following benefits are available to appointees:

- 10 paid holidays
- Paid annual and sick leave
- Federal Employee Retirement Plan
- Thrift Savings Plan (similar to 401K plans offered in private sector)
- Health benefits
- Life insurance
- Incentive awards (monetary and non-monetary recognition)
- Flexible work schedule
- Transit subsidy
- Training and career development.

All EPA employees are required to have federal payments made by Direct Deposit.

DECLARATION OF APPOINTMENT

Applicants selected for Federal employment will be required to complete a "Declaration of Federal Employment" (OF-306), prior to being appointed to determine their suitability for Federal employment and to authorize a background investigation. Failure to answer all questions truthfully and completely or providing false statements on the application may be grounds for not hiring an applicant, for dismissing an applicant after beginning to work and may be punishable by fine or imprisonment in accordance with U.S. Code, Title 18, Section 1001.

SELECTIVE SERVICE

As a condition of employment, male applicants born after December 31, 1959 must certify that they have registered with the Selective Service System, or are exempt from having to do so under Selective Service law.

E-VERIFY

NOTICE: Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

This employer will provide the Social Security Administration (SSA) and, if necessary, the Department of Homeland Security (DHS), with information from each new employee's Form I-9 to confirm work authorization.

IMPORTANT: If the Government cannot confirm that you are authorized to work, this employer is required to provide you written instructions and an opportunity to contact SSA and/or DHS before taking adverse action against you, including terminating your employment.

Employers may not use E-Verify to pre-screen job applicants or to re-verify current employees and may not limit or influence the choice of documents presented for use on the Form I-9.

In order to determine whether Form I-9 documentation is valid, this employer uses E-Verify's photo screening tool to match the photograph appearing on some permanent resident and employment authorization cards with the official U.S. Citizenship and Immigration Services' (USCIS) photograph.

If you believe that your employer has violated its responsibilities under this program or has discriminated against you during the verification process based upon your national origin or citizenship status, please call the Office of Special Counsel at 1-800-255-7688 (TDD: 1-800-237-2515).

EEO/DIVERSITY POLICIES

EPA is an Equal Opportunity Employer. Selection for this position will be based solely on merit without regard to race, color, religion, age, gender, national origin, political affiliation, disability, sexual orientation, marital or family status or any other non-merit factors.

This agency provides reasonable accommodations to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, please notify the agency. The decision on granting reasonable accommodation will be on a case-by-case basis.

PRIVACY ACT

Your application contains information subject to the Privacy Act (P.L. 93-579 and 5 USC 552a). This information is used to determine your qualifications for employment.

**THE U.S. ENVIRONMENTAL PROTECTION AGENCY IS AN
EQUAL OPPORTUNITY EMPLOYER**