

U.S. ENVIRONMENTAL PROTECTION AGENCY
CAREER OPPORTUNITY
DIVISION DIRECTOR - INTERDISCIPLINARY
(BIOLOGIST, TOXICOLOGIST, HEALTH SCIENTIIST, PHYSICAL SCIENTIST,
CHEMIST)

ANNOUNCEMENT NUMBER: NHEERL-09-42-05

OPENING DATE: April 27, 2009

CLOSING DATE: July 10, 2009

POSITION: Director, Integrated Systems Toxicology 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 Health and Environmental Effects Research Laboratory in Research Triangle Park, NC

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 have 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.

A start date in the Fall of 2009 is preferred but negotiable.

HIGH-LEVEL CAREER OPPORTUNITY IN INTEGRATED SYSTEMS TOXICOLOGY RESEARCH PROGRAM

EPA's Office of Research and Development (ORD) is seeking an internationally recognized scientific leader to fill the position of Director, Integrated Systems Toxicology Division in the National Health and Environmental Effects Research Laboratory (NHEERL). More information about the organization and this position is available at <http://www.epa.gov/nheerl/>.

NHEERL is responsible for formulating and implementing a comprehensive research program to investigate the effects of environmental pollutants and other anthropogenic stresses on human health and the ecosystems in which we live. NHEERL is the focal point for toxicological, clinical, epidemiological, and ecological research within the Agency. NHEERL scientists utilize a broad range of molecular, cellular, animal assays, and human studies, and models in support of the Agency's health and ecological risk assessment processes. These include the application of predictive pharmacokinetic/pharmacodynamic models, ecosystem function theory, and advanced extrapolation methods to improve the scientific underpinnings of the Agency's risk assessments and regulatory/policy decisions. In addition to its intramural research, NHEERL fosters collaborative research projects with other government agencies and academic and other scientific institutions to complement NHEERL mission-oriented efforts as well as to insure that the Agency has the benefit of the highest quality peer-reviewed science. NHEERL has seven major components; three are located in North Carolina and four are geographically dispersed in Oregon, Minnesota, Florida and Rhode Island.

Major Duties:

- Serves as the Director for the Integrated Systems Toxicology Division. In this scientific leadership role, the incumbent plans, develops, oversees, directs, and implements a highly technical and complex science research program that has nationwide impact and a staff of approximately 82 employees located in RTP, North Carolina.
- Serves as leader of an integrated research program utilizing a systems biology approach to describe normal biological, homeostatic processes and to identify key events that signal departure from those processes leading to adverse health outcomes. Research seeks to develop an integrated framework across health endpoints through the identification of toxicity pathways. This approach is accomplished by the use of computational models and cellular, molecular and in vivo approaches to identify "key events" for biologically based dose-response models; the development of physiologically based pharmacokinetic models for linkage to biologically based dose-response models; and the application of genetic/epigenetic approaches for understanding differential life-stage sensitivities.
- Assesses needs, defines goals, develops research plans, establishes organizational structure of the Division, delegates authority and responsibility, allocates dollar and manpower resources within broad budgetary limitations, establishes optimal intramural vs. extramural (contract and grant effort) balance, directs, coordinates, and reviews all Division conducted or directed research activities, reviews and

evaluates progress and performance of these activities and takes independent corrective actions as necessary.

- Serves as a member of the Senior Leadership Research Coordination Committee that will prioritize research projects for NHEERL Health Divisions.
- Serves as senior spokesperson/representative for ORD in the area of toxicology and systems approaches as applied to the improvement of human health risk assessment including participation on workgroups within and outside EPA. Coordinates Division activities with representatives of foreign, state, and municipal governments and with other Federal Agencies, industry, academic and private organizations sharing mutual interest or responsibility within the program areas assigned to the Division. Represents the Agency in conferences, personal discussions, field visits and in other coordinative and cooperative meetings pertaining to assigned program areas. Participates actively and responsibly on interagency and on national and international committees or panels concerned with matters pertaining to areas of Division responsibility or of personal expertise. Provides or, as appropriate, directs the provision of expert technical/scientific advice and assistance to representatives of municipal, State, Federal and international organizations, to other agency elements and to the private sector, regarding Agency activities, plans and programs within assigned major program areas.
- Working in close coordination with appropriate management and staff across all NHEERL Divisions and ORD laboratories and centers, the incumbent will seek to maximize integrated, multidisciplinary collaborations in addressing the Agency's high priority science issues. Develops and maintains effective working relationships and partnerships with universities, private research organizations and other governmental research laboratories throughout the Nation which are aligned with programs within the Division's research program areas. Exercises scientific leadership to establish the reputation of the Division as a focal point within the scientific/engineering communities for assigned environmental research programs. Establishes and maintains liaison with scientists and engineers of outstanding stature in the United States and abroad for the purpose of exchanging ideas and information and promoting mutually beneficial cooperative activities and programs. Provides the knowledge and scientific expertise that brings about and fosters effective collaboration.
- Assures the timely and effective dissemination of the Division's research findings to the scientific community through peer reviewed publications and to the appropriate user-community. Assures that the implications of such findings with regard to Agency policies, standards, regulations, etc., are communicated to appropriate Agency officials both within and outside of ORD. Reviews, approves and clears for publication or other issuances all reports, publications, speeches or other outputs of the Division, assuring the scientific/technical quality of the information being released and the detection and proper review, coordination and approval of any policy-sensitive information contained in such materials.

QUALIFICATIONS

The individual selected for this position will provide leadership across ORD in the area of integrated systems toxicology. He/she will be expected to lead a research program that is integrated with activities of the respective ORD laboratory or center, and serve as a spokesperson for that program.

The incumbent must have a doctoral degree in a scientific discipline related to ISTD's research. He/she should be nationally and internationally recognized as an authority and leader on complex problems of concern to EPA for which integrated systems based approaches are relevant. The incumbent is expected to have received honors and awards from major national and/or international organizations for his/her accomplishments. He/she should be sought after as an advisor and expert on scientific and technological programs relevant to ISTD's mission. As evidence of his/her qualifications and scientific contributions, the incumbent may also: 1) hold elected position(s) in scientific societies; 2) serve on journal editorial boards; 3) have received an extensive number of invitations to write and speak on issues related to toxicological sciences; 4) have written numerous book chapters and peer reviewed publications in high quality journals; 5) serve in leadership roles on numerous task forces/committees; and, 6) have been an advisor to national and international institutions/governments.

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), that describes your experience in leading a 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 **NHEERL-09-42-05** 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 July 10, 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. Julian Preston at (919) 541-0276.

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**