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DIRECTOR, COMPUTATIONAL EXPOSURE DIVISION

Job Title: DIRECTOR, COMPUTATIONAL EXPOSURE DIVISION

Agency: Environmental Protection Agency

Job Announcement Number: RTP-ORD-42-2016-0002

SALARY RANGE:	\$157,384.00 to \$250,000.00 / Per Year
OPEN PERIOD:	Monday, February 1, 2016 to Friday, March 18, 2016
SERIES & GRADE:	AD-0401/0415/1301/1320/1550-00
POSITION INFORMATION:	Full-time - This is a term position of up to 5 years which may be renewed
PROMOTION POTENTIAL:	
DUTY LOCATIONS:	1 vacancy - Durham, NC, US
WHO MAY APPLY:	Applications will be accepted from U.S. citizens and permanent residents as allowed by appropriations and statute.
SECURITY CLEARANCE:	Public Trust - Background Investigation
SUPERVISORY STATUS:	Yes
JOB SUMMARY:	

[About the Agency](#)

The Office of Research and Development (ORD) is seeking an internationally recognized science leader for the position of Director, Computational Exposure Division (CED), National Exposure Research Laboratory (NERL) in Durham (Research Triangle Park), North Carolina. Learn more about NERL at <http://www2.epa.gov/aboutepa/about-office-research-and-development-ord>.

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 salary may be up to \$250,000 per year, dependent upon qualifications, experience and other factors (e.g., current salary). 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.

SPECIAL NOTE: 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 OGE Form 278, Public Financial Disclosure Report.

RELOCATION AUTHORIZED

- Yes
- If you are selected, travel, transportation, and relocation expenses will be paid by EPA according to applicable rules. You can read more about these expenses on this web site: <http://www.relocatefeds.gov>

KEY REQUIREMENTS

DUTIES:

The Office of Research and Development (ORD), National Exposure Research Laboratory (NERL), Computational Exposure Division (CED) develops and evaluates data, decision-support

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tools, and models to be applied to media-specific or receptor-specific problem areas. The Division uses computationally-based approaches to characterize exposures, evaluate fate and transport, characterize internal biological dose, and support environmental diagnostics/forensics with input from multiple data sources. The media- and receptor-specific models, process models, and decision support tools developed by CED are used by NERL, ORD, EPA and external stakeholders to support the Agency's mission to protect public health and the environment.

The incumbent serves as the Director, CED, and develops, directs, and leads a computationally-based research program in human and ecological exposure sciences, coordinates the CED program with other relevant programs inside and outside the Agency, and communicates the impact of the research. Responsibilities include:

- Planning, organizing, directing and implementing a highly technical and complex science research and development program that has nationwide and global impact. The Division has employees located in Research Triangle Park, North Carolina and Athens, Georgia.
- Establishing and leading a computationally-based research program to characterize exposures, evaluate fate and transport, characterize internal biological dose, and support environmental diagnostics/forensics.
- Providing scientific leadership and expertise to ORD's human and ecosystem exposure research program by working with appropriate management and staff to help ensure that the program is on the leading scientific edge of such research.
- Serving as a scientific leader and senior spokesperson/representative for ORD in the area of human and ecosystem exposure sciences, including participation on workgroups within and outside EPA.
- Working in close coordination with appropriate ORD management and staff and seeking opportunities to help guide the research agenda of outside research organizations with similar interests and define collaborative opportunities.

QUALIFICATIONS REQUIRED:

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To meet the eligibility criteria, you must have a doctoral degree in a scientific discipline related to NERL's research and substantive specialized experience in a type of work or a combination of functions directly related to this position. You should be nationally and internationally recognized as an authority and leader on complex problems related to human and/or ecological exposure sciences. You should have received honors and awards from major national and/or international organizations for your accomplishments and be sought as an advisor and expert on scientific and technological programs relevant to NERL's mission. As evidence of your qualifications and scientific contributions, you may also:

- 1) hold, or have held, elected position(s) in scientific societies;
- 2) have served on journal editorial boards;
- 3) have received an extensive number of invitations to write and speak on issues related to human and/or ecological exposure sciences;
- 4) have written numerous book chapters and peer reviewed publications in high quality journals;
- 5) have served in leadership roles on numerous task forces/committees; and/or
- 6) have been an advisor to national and international institutions/governments.

Appointment will be subject to your completion of a background security investigation and favorable adjudication.

HOW YOU WILL BE EVALUATED:

You 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. The evaluation panel will rate you on the following criteria: 1) leadership and management; 2) networking and collaboration; 3) communications; and 4) scientific knowledge, expertise, and recognition.

To preview questions please [click here](#).

BENEFITS:

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You can review our benefits at: https://help.usajobs.gov/index.php/Pay_and_Benefits

Join EPA in protecting human health and the environment and enjoy many work life quality options! Working for the EPA offers you a comprehensive benefits package that includes, in part, paid vacation, sick leave, holidays, life insurance, health benefits, and participation in the Federal Employees Retirement System. To learn more about us, visit [Life and Careers at EPA](#).

OTHER INFORMATION:

This information is used to determine your qualifications for employment. The use of this information is authorized under Title 5 USC, Sections 3302 and 3361.

Non-U.S. citizens who are U.S. permanent residents may be appointed as allowed by appropriations and statute and must be seeking citizenship as outlined in 8 U.S.C. 1324b(a)(3)(B). For more information on Federal employment of non-U.S. citizens, go to https://help.usajobs.gov/index.php/Employment_of_Non-citizens

EPA participates in e-Verify. E-Verify is an Internet based system operated by the Department of Homeland Security (DHS) in partnership with the Social Security Administration (SSA) that enables participating employers to electronically verify the employment eligibility of their newly hired employees. For additional information: <http://www.epa.gov/careers/evapr.html>

HOW TO APPLY:

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Send the following information:

- A cover letter of no more than two pages total that describes your relevant experience and your interest in the position
- A statement of no more than four pages total that addresses the following criteria:
 - 1) **Leadership and management:** describe your experience leading and managing scientific research programs;
 - 2) **Networking and collaborating:** describe your experience building and maintaining relationships and collaborating with other scientists or organizations;
 - 3) **Communications:** describe your experience communicating scientific and technical information verbally and in writing to a variety of audiences; and
 - 4) **Scientific knowledge, expertise, and recognition:** describe your achievements in the area of research applicable to this position, including awards or other recognition and invitations to present or speak
- Curriculum vitae;
- The names and contact information for three references;
- Citizenship status;
- Compensation requirements;
- How you heard about this vacancy.



Please cite announcement number **RTP-ORD-42-2016-0002** 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, 109 TW Alexander Drive, Research Triangle Park, NC 27711.


Applications must be received by 11:59 p.m. ET on March 18, 2016, in order to be considered. Applications will not be considered if submitted via USAJOBS.

REQUIRED DOCUMENTS:

Electronic submission of the application materials referenced above 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.

AGENCY CONTACT INFO:

Dorothy Carr
Phone: 800-433-9633 
Fax: 919-541-0160 
Email: carr.dorothy@epa.gov

Agency Information:
Environmental Protection Agency
Human Resources Management Division
109 T.W. Alexander Drive, MD C639-02
Durham, NC
27711
US
Fax: 919-541-0160 

WHAT TO EXPECT NEXT:

For additional information, Ms. Carr can also be reached at (800) 433-9633 or (919) 541-4356. Technical questions pertaining to this vacancy may be addressed to Tim Watkins at (919) 541-2107 or via email to watkins.tim@epa.gov.

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