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SENIOR ATMOSPHERIC SCIENTIST

Job Title: SENIOR ATMOSPHERIC SCIENTIST

Agency: Environmental Protection Agency

Job Announcement Number: RTP-ORD-42-2014-0006

SALARY RANGE: \$153,885.00 to \$200,000.00 / Per Year

OPEN PERIOD: Monday, July 28, 2014 to Friday, September 5, 2014

SERIES & GRADE: AD-1301/1320/1340/1520/1550-00

POSITION INFORMATION: Full-time - This is a term position of up to 5 years which may be renewed

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: No

JOB SUMMARY:

About the Agency

The Office of Research and Development (ORD) is seeking an internationally recognized science leader for the position of Atmospheric Scientist in the National Exposure Research Laboratory (NERL), Atmospheric Modeling and Analysis Division (AMAD) 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 \$200,000 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:

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The Office of Research and Development (ORD), National Exposure Research Laboratory (NERL) is responsible for carrying out EPA's mission to protect human health and the environment by developing and applying innovations in exposure science. NERL provides scientific

leadership, understanding, and tools necessary to quantify exposure for humans and ecosystems.

The Atmospheric Modeling and Analysis Division (AMAD) performs research to advance exposure science by developing, evaluating, and applying models that simulate the atmospheric processes and the transport and fate of pollutants in the atmosphere. The Division is responsible for developing models used by EPA and the general atmospheric modeling community in understanding and forecasting not only the magnitude of the air pollution exposures, but also in developing and evaluating emission control policies and regulations.

The incumbent provides scientific leadership in the area of atmospheric sciences, with particular experience investigating how atmospheric processes relate exposure to air pollution and/or climate change. The incumbent plans, develops, organizes, directs, and leads a research program in atmospheric modeling, coordinates the AMAD program with other relevant programs inside and outside the Agency, and communicates the impact of the research. Responsibilities include:

- Establishing and leading a broad based multidisciplinary research program to address critical needs related to advancing atmospheric models that can simulate the transport and fate of pollutants in the atmosphere and applying those models for assessing exposures as they relate to critical Agency problems, including improving air quality and preparing for a changing climate.
- Conducting studies on the development, evaluation, and validation of analytical meteorological and air quality models to predict the temporal and spatial distribution of air pollutants and publish results in scientific journals.
- Providing leadership of ORD's atmospheric modeling 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 senior spokesperson/representative for ORD in the area of atmospheric modeling research, including participation on workgroups within and outside 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.

QUALIFICATIONS REQUIRED:

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If selected for this position, you will provide leadership across ORD in the activities stated previously.

To meet the eligibility criteria, you must have a doctoral degree in a scientific discipline related to NERL's atmospheric science research and substantive specialized experience in a type of work related to this position. You should be nationally and internationally recognized as an authority and leader in atmospheric modeling. 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 AMAD'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 exposure and/or atmospheric 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.

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://epa.gov/ohr/ezhire/vacancy_requirements.htm.

HOW TO APPLY:

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Send the following information:

- A cover letter (1-2 pages), including how your experience relates to the duties of the position;
- 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-42-2014-0006** 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 September 5, 2014, 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. 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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U.S. ENVIRONMENTAL PROTECTION AGENCY

Protect the Environment: Work at EPA

Vacancy Questions Preview

Vacancy Questions Preview

Grade: All Grades

Please follow the instructions in the "How to Apply" section to submit your application for this opportunity. If you fail to follow the instructions in the "How to Apply" section, your application will not receive consideration.

[View Vacancy Details](#)

Questions, Comments, or Feedback can be directed to HRPayHelp@epa.gov

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