

Mathematical Statistician/Statistician

ENVIRONMENTAL PROTECTION AGENCY

Agency Contact Information

- 1 vacancy - Arlington, VA

Work Schedule is Full-time - Permanent

Opened Friday 5/13/2016(0 day(s) ago)

Closes Friday 6/3/2016(21 day(s) away)

- **Salary Range**

\$108,887.00 to \$141,555.00 / Per Year

- **Series & Grade**

GS-1529/1530-14/14

- **Promotion Potential**

14

- **Supervisory Status**

No

- **Who May Apply**

Any U.S. citizen may apply.

- **Control Number**

438919700

- **Job Announcement Number**

RTP-ORD-DE-2016-0044

Job Overview

Summary

About the Agency

Earth Day is every day at EPA! At EPA, you can protect human health and the environment of all Americans, and you'll discover that EPA is one great place to work! We offer great benefits and work flexibilities, and our diverse workforce connects to more than just a career--we share a common passion to promote a cleaner, healthier environment. Discover how exciting safeguarding our natural resources and protecting human health can be. Find yourself at EPA.

This position is located in the Office of Research and Development, National Center for Environmental Assessment-Washington, Quantitative and Risk Methods Group in Arlington, VA.

For more information on this office, visit their website: <https://www.epa.gov/aboutepa/about-office-research-and-development-ord>

Except in special circumstances, those new to the federal government will be hired at the starting salary (**step 1**) of the applicable grade range listed above.

Duties

You will:

- Conduct and lead quantitative analyses for human health risk assessments.
- Develop and apply innovative methods for human health risk assessments.
- Identify, plan and implement research to improve quantitative human health risk assessments.
- Provide statistical expertise to support Agency needs.
- Provide advice and serve as an expert witness in response to Congressional and court inquiries.

You will spend less than 25% of your work time on contracts.

Relocation Authorized

- No

Job Requirements

Key Requirements

- If you are selected, a pre-employment background check is required.
- You must submit resume and required documents (See How to Apply)
- Position has educational/degree requirements. (See Qualifications Section)
- EPA and non-EPA applicants must submit transcripts/course listings.
- You may be required to travel 1 to 5 days per month.
- You must be a U.S. citizen.

Qualifications

You need a degree or combination of education and experience as described below to qualify for this position.

Mathematical Statistician - You must have a bachelor's degree from an accredited or pre-accredited college or university that **included** 24 semester hours of mathematics and statistics, of which **at least** 12 semester hours were in mathematics **and** 6 semester hours were in statistics; **OR** a combination of education and experience that includes this education.

Statistician- You must have a bachelor's degree from an accredited or pre-accredited college or university that **included** 15 semester hours in statistics (or in mathematics and statistics, provided at least 6 semester hours were in statistics), **and** 9 additional semester hours in either physical, biological, or social sciences.

As part of the application process, you are required to submit college transcripts or a list of courses as described in the Required Documents section of this announcement. However, if you are selected, you must provide official educational transcripts before you start work with EPA. More information on verification of education can be found here: <http://www.epa.gov/careers/epa-job-vacancy-announcements-policies-and-procedures>

In addition to the educational requirements, we are looking for at least one year of specialized experience related to this position as described below:

To qualify for the **GS-14 level**, you need to have at least one year of full time experience equivalent to the GS-13 level defined as conducting risk assessments using quantitative methods and working as part of an interdisciplinary team; developing quantitative risk analyses in collaboration with other team members and explaining these analyses to managers and/or decision makers.

Your answers to the on-line assessment will be used to evaluate your competencies in the following areas:**1)** Ability to lead assessment projects; **2)** Skill in applying existing and new quantitative methods for health risk assessments; **3)** Ability to provide leadership, training, and mentoring for staff; **4)** Ability to identify, develop, and/or apply quantitative methods and approaches that will improve human health risk assessments; **5)** Ability to develop, conduct, and lead research projects; **6)** Ability to provide reviews and evaluations of assessments, and technical analyses; **7)** Ability to provide advice on quantitative, technical and scientific matters in response to requests by individuals or organizations.

Experience refers to paid and unpaid experience, including volunteer work done through National Service programs (e.g., Peace Corps, AmeriCorps) and other organizations (e.g., professional; philanthropic; religious; spiritual; community, student, social). Volunteer work helps build critical competencies, knowledge, and skills and can provide valuable training and experience that translates directly to paid employment. You will receive credit for all qualifying experience, including volunteer experience. If you are selected, you must complete a one year probationary period.

This position is designated as Moderate Risk and requires a background investigation. Unless an appropriate background investigation is already on record with the Office of Personnel Management, you must undergo a background investigation.

Security Clearance

Public Trust - Background Investigation

Additional Information

What To Expect Next

You can track the progress of your application package via your USAJobs account.

You will receive an acknowledgement from USAJobs that your submission was successful, once we have received your on-line occupational questionnaire, resume and any supporting documentation.

You will be notified of the status of your application via your USAJobs Account after we conduct a qualification review of your complete application package.

You will be contacted if further evaluation or interviews are required. Any exaggeration of your experience, false statements, or attempt to conceal information may disqualify you for employment consideration. We may verify all information you provide in your resume and questionnaire responses, through reference and/or background check, and/or verification of your education.

If you are selected, you will be contacted personally by the human resources office posting this announcement.

BENEFITS

Review our 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

Position has portable work and selectee **may** be eligible to telework.

Are you a Displaced Federal Employee? If so, please read the Required Documents and visit the EPA website for additional information:<http://www.epa.gov/careers/epa-job-vacancy-announcements-policies-and-procedures>

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/epa-job-vacancy-announcements-policies-and-procedures>

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.

If you have part-time work experience, read this: <http://www.epa.gov/careers/epa-job-vacancy-announcements-policies-and-procedures>

If you are selected, travel, transportation, and relocation expenses **will not** be paid by EPA. Any travel, transportation, and relocation expenses associated with reporting to work in this position will be **your** responsibility.

It is the policy of the Government not to deny employment simply because an individual has been unemployed or has had financial difficulties that have arisen through no fault of the individual. Information about an individual's employment experience will be used only to determine the person's qualifications and to assess his or her relative level of knowledge, skills, and abilities. Although an individual's personal conduct may be relevant in any employment decision, including conduct during periods of unemployment or evidence of dishonesty in handling financial matters, financial difficulty that has arisen through no fault of the individual will generally not itself be the basis of an unfavorable suitability or fitness determination.

For more information, visit https://hru.gov/Studio_Recruitment/tools/Mythbuster_on_Federal_Hiring_Policies.pdf.

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