Opportunity Title: EPA HERO Data Specialists (Two Positions)
Opportunity Reference Code: EPA-SSP-0007-6

Organization	U.S. Environmental Protection Agency (EPA)
Reference Code	EPA-SSP-0007-6
Description	The EPA Environmental Research and Business Support Program has immediate openings for two EPA HERO Data Specialists with the Office of Research and Development at the EPA facility in Research Triangle Park, NC.

The Office of Research and Development at the EPA supports research to improve the scientific basis for decisions on national environmental issues and help EPA achieve its environmental goals. Research is conducted in a broad range of environmental areas by scientists in EPA laboratories and at universities across the country.

EPA's National Center for Environmental Assessment (NCEA) is a leader in the science of human health and ecological risk assessment, a process used to determine how pollutants or other stressors may impact human health and the environment. The center occupies a critical position in EPA's Office of Research and Development (ORD) between researchers in other parts of ORD and outside of EPA who are generating new findings and data and the regulators in EPA's program and regional offices who must make regulatory, enforcement, and remedial action decisions.

NCEA addresses the needs of stakeholders by preparing technical reports and assessments that integrate and evaluate the most up-to-date research. These products serve as a major component of the scientific foundation supporting EPA's regulations and policies. NCEA also conducts cutting-edge research to develop innovative quantitative risk assessment methods and tools that: help extrapolate between experimental data and real-world scenarios, improve our understanding of uncertainties, and facilitate careful weighing of evidence.

The Health and Environmental Research Online (HERO) database provides an easy way to access and influence the scientific literature behind EPA science assessments. The database includes more than 3 million scientific references and data from the peer-reviewed literature used by EPA to develop its regulations for the following: Integrated Science Assessments (ISA) that feed into the NAAQS review, Provisional Peer Reviewed Toxicity Values (PPRTV) that represent human health toxicity values for the Superfund, and the Integrated Risk Information System (IRIS), a database that supports critical agency policymaking for chemical regulation. These assessments supported by HERO characterize the nature and magnitude of health risks to humans and the ecosystem from pollutants and chemicals in the environment.

The selected candidates shall provide data curation, document

acquisition, and general project support to the HERO project. The required skills include but are not limited to assisting with file management, data curation, and quality control. They shall be a member of a team of librarians and data specialists, and will be trained to support the development and operation of HERO.

Data curation includes but is not limited to the following:

- Quality control of HERO metadata (entered by third parties and imported directly from bibliographic databases) ensuring consistent quality, formatting and presentation,
- Resolution of duplicated citations into a single HERO record, and
- Verification of data to ensure correctness and completeness.

Document acquisition includes but is not limited to:

- Locating and archiving digital copies of original full-text articles relevant to the assessment, using agency provided resources and in accordance with copyright law, and
- Digitization and storage of relevant hard copy articles in the HERO database.

General project support includes but is not limited to:

- Testing new interfaces and tools for HERO,
- Creating new project pages and hierarchies of organizational tags to meet the needs of the scientists working on each project, and
- Providing basic assistance, training and support to agency and contractor users of HERO.

Location: This job will be located at EPA's facility in Research Triangle Park, NC.

Salary: The selected applicant will become a full time temporary employee of ORAU and will receive an hourly wage of $20.65 for hours worked.

Hours: Full time

Travel: No travel will be required.

Working Conditions: These positions will involve work in an administrative setting and is not expected to involve exposure to hazardous elements.

The selected candidates shall be supervised by a mentor who will provide day-to-day direction, as well as coach, advise and counsel the selected candidate, and review their work.

Expected Start Date: The position start date is November 2016. The selected applicants will be temporary employees of ORAU working as contractors to EPA. The initial contract period is through May 14, 2017. EPA may elect to renew the contract for an additional three (3) 12-month optional period.

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For more information, contact EPAjobs@orau.org. Do not contact EPA directly.

Qualifications	**Eligible applicants must:**

- Be at least 18 years of age **and**
- Have earned at least a Bachelor's degree in a field relevant to environmental risk assessment, including but not limited to ecology, toxicology, environmental science, and epidemiology, or in computer or information science, from an accredited university or college within the last 24 months, and
- Be a citizen of the United States of America or a Legal Permanent Resident.

EPA ORD employees, their spouses, and children are not eligible to participate in this program.

Required Knowledge, Skills, Work Experience, and Education

Successful candidates will have:

- A working knowledge of relational databases,
- Strong written, oral and electronic communication skills, and
- Ability to work well as a part of a team.

Desired Knowledge, Skills, Work Experience, and Education

It is desired, but not required, that the candidate have experience with ColdFusion, Endnote, SQL, Python, Java or Mongo.

How to apply

Submit application and supporting documents by clicking on Apply Now button.

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Eligibility Requirements	- **Citizenship:** LPR or U.S. Citizen
	- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 24 month(s).
	- **Discipline(s):**
	  - **Computer, Information, and Data Sciences** (16 👁)
	  - **Earth and Geosciences** (21 👁)
	  - **Environmental and Marine Sciences** (14 👁)
	  - **Life Health and Medical Sciences** (45 👁)

Affirmation	I certify that I am at least 18 years of age; have earned at least a

Bachelor's degree in a field relevant to environmental risk assessment, including but not limited to ecology, toxicology, environmental science, and epidemiology, or in computer or information science, from an accredited university or college within the last 24 months; a citizen or a Legal Permanent Resident of the United States of America; and not a current employee of EPA ORD or the spouse or child of an EPA ORD employee.

ORAU is an Equal Opportunity Employer **(EOE AA M/F/Vet/Disability)**; visit the ORAU website for required employment notices.