

Opportunity Title: Chemical Safety and Sustainability Support

Opportunity Reference Code: EPA-NSSC-0007-31

Organization U.S. Environmental Protection Agency (EPA)

Reference Code EPA-NSSC-0007-31

How to Apply Click [HERE](#) to Apply

Description The EPA National Student Services Contract has an immediate opening for a full time Chemical Safety and Sustainability Support position with the Office of Research and Development at the EPA facility in Gulf Breeze, FL.

The Office of Research and Development at the EPA supports high-quality 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.

What the EPA project is about

Within ORD, the Center for Environmental Measurement & Modeling (CEMM) conducts research to advance EPA's ability to measure and model contaminants in the environment, including research to provide fundamental methods and models needed to implement environmental statutes. The methods and models developed by CEMM are typically applied at the airshed, watershed and ecosystem level. Within CEMM, the Gulf Ecosystem Measurement and Modeling Division (GEMMD) provides leadership and specialized research in marine, estuarine, and watershed ecology and ecotoxicology to predict and assess the effects of human-generated stressors on the unique aquatic resources of the U.S. Gulf of Mexico & the Nation.

What experience and skills will you gain?

As a team member, you will provide support to a multidisciplinary team focused on community sustainability related research including ecosystem goods and services production and valuation. This research will be located in coastal communities of the Gulf of Mexico and their associated drainage basins and aquatic areas. Topics will include community sustainability relationships with landscape development, population growth scenarios as well as sea-level rise and precipitation change effects. The contractor may work closely with both a landscape ecologist and population ecologists to connect land and water sources of ecosystem goods and service production to beneficiaries through hydrologic networks. The contractor may also work with wetland biogeochemists, microbiologists, fishery scientists, and toxicologists to refine ecological production function curves based on literature reviews, field collected samples, and laboratory analysis. The contractor may become involved in developing scientifically based outreach products aimed at informing various audiences about sustainability research.

How you will apply your skills

Responsibilities:



ORAU Pathfinder



Whether you are just starting your career or already at a senior level, ORAU offers internships, fellowships, research opportunities, and contract positions that can provide you with invaluable experience. Download the ORAU Pathfinder mobile app and find the right opportunity to propel you along your career path!

Visit ORAU Pathfinder [↗](#)



Opportunity Title: Chemical Safety and Sustainability Support

Opportunity Reference Code: EPA-NSSC-0007-31

- Convert model input data and output into maps in ArcGIS;
- Assist with laboratory analysis and field sampling activities (Field work may include working in hot, humid, and densely vegetated wetland environments with the possibility for overnight travel);
- Conduct literature searches involving data needed to parameterize and calibrate existing ecological models;
- Compiling and summarizing analytical data and literature references; and
- Data entry, documentation, and analysis.

Communications-related responsibilities:

- Participate as a member of a multi-disciplinary research team;
- Interact with EPA scientists; and
- Regularly update notebook with sample processing details and completion schedules; report regularly via email to inform team members of progress; update electronic reports as necessary.

Required Knowledge, Skills, Work Experience, and Education

- Experience working with spatial data and building maps in ArcGIS;
- Experience with collecting field data in marine or aquatic systems;
- Experience using Microsoft Excel for formatting, normalizing, and managing data for statistical modeling;
- Experience compiling, organizing, and summarizing literature references; and
- Experience developing graphics, tables and GIS products for scientific reports and manuscripts.

Location: This job will be located EPA's facility in Gulf Breeze, FL.

Salary: Selected applicant will become a temporary employee of ORAU and will receive an hourly wage of \$21.37 for hours worked.

Hours: Full-time

Travel: Occasional overnight travel may be required.

Expected start date: The position is full time and expected to begin May 2021. The selected applicant will become a temporary employee of ORAU working as a contractor to EPA. The initial project is through May 14, 2022, with up to 3 additional option periods.

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

Qualifications

- Be at least 18 years of age **and**
- Have earned at least a Bachelor's degree in biology, ecology, marine biology, zoology, chemistry, geography, geospatial sciences, or a related field of study 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

Opportunity Title: Chemical Safety and Sustainability Support

Opportunity Reference Code: EPA-NSSC-0007-31

Resident.

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

- Eligibility Requirements**
- **Citizenship:** LPR or U.S. Citizen
 - **Degree:** Bachelor's Degree received within the last 24 month(s).
 - **Discipline(s):**
 - **Earth and Geosciences** ([21](#) 👁)
 - **Environmental and Marine Sciences** ([14](#) 👁)
 - **Life Health and Medical Sciences** ([46](#) 👁)

Affirmation I certify that I am at least 18 years of age; a recent graduate with at least a Bachelor's degree in biology, ecology, marine biology, zoology, chemistry, geography, geospatial sciences, or a related field of study 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.

Click [HERE](#) to Apply

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