

**Summer 2019 Internship Positions**  
**Office of Superfund Remediation and Technology Innovation**

**1. Development of Cleanup Technology Presentations**

**Contact Person Information:**

Name: Linda Fiedler  
Office: OSRTI  
Division/Branch: TIFSD/TAB  
Phone Number: 703-603-7194

**Project Description**

Background of Project Area:

The Technology Assessment Branch (TAB) is in the process of updating 22 Citizen's Guides for Cleanup Technologies and developing several new guides that explain in simple terms how various site remediation technologies work. The current guides are available at <http://www.clu-in.org/products/citguide/>. TAB has prepared PowerPoint presentations for many of the guides that reflect the content of the guides and can be adapted for use at public meetings and basic trainings. The intern will update these presentations based on the revisions to the guides and prepare new presentations for new guides. The intern will also prepare and begin to execute an outreach plan to inform EPA staff of the availability and contents of the presentations and guides.

Tasks to Be Completed by the Intern:

Objective(s): To make information available to EPA Superfund staff on remediation technologies to facilitate communication of this information to the interested public at public meetings.

Tasks/assignments: Using the current presentations as a template, the intern will prepare or update approximately 20 PowerPoint presentations based on the content of the technology Citizen's Guides. The intern will also prepare an outreach plan and make one or more presentations about the project to EPA staff. Scope of the project can be expanded into related areas depending on the interest and expertise of the intern and the availability of other projects.

**What skills are needed for this project?**

- Minimum education level: One year of college (rising college sophomore)
- Proficient with PowerPoint software
- Basic science background. Coursework in one or more of the following areas: biology, chemistry, environmental science, environmental engineering, hydrology

**Is travel or training involved?** If yes, please provide specifics.

Depending on the intern's background, some basic training in the Superfund program and remedial technologies may be necessary and can be self-directed using written and online materials and on-line webinars. This project is an excellent way to learn about the Superfund program and specific cleanup approaches.

**Summer 2019 Internship Positions**  
**Office of Superfund Remediation and Technology Innovation**

**2. Evaluating Food Consumption by Hunters, Fishers, and Tribal Members for Superfund Risk Assessments.**

**Contact Person Information:**

Name: Stuart Walker  
Office: OSRTI  
Division/Branch: ARD/SPB  
Phone Number:

**Project Description:**

Background of Project Area:

The project would involve research concerning two issues that arise when assessing risks from contamination at Superfund sites. First project would involve analyzing information from Superfund risk assessments on fruit and vegetable consumption by native Americans that are outside of the 24 produce categories we already have in our risk assessment models developing cleanup levels for residential gardens and farms at radioactively contaminated Superfund sites. Second project would be analyzing what are the most common game animals for hunting and fishing in the US, and their respective intakes (fodder or prey, water ingestion, and soil ingestion) and information on human ingestion rates by persons hunting or fishing. These two projects would build upon this 2016 paper which used in how EPA assesses risks for consumption of produce and farm animals, [https://epa-prgs.ornl.gov/radionuclides/20161130\\_Biota\\_TM\\_KLM\\_Final\\_printable\\_version.pdf](https://epa-prgs.ornl.gov/radionuclides/20161130_Biota_TM_KLM_Final_printable_version.pdf).

Tasks to Be Completed by the Intern:

Objective(s) –Obtain information that would be useful for evaluating potential updates to EPA’s methods for risk assessment at Superfund sites where either hunting, fishing, or tribal gathering of plants is a concern to address in the human health risk assessment.

Task(s)/assignment(s) –Develop two research papers and one presentation.

**What skills are needed for this project?**

Risk assessment and/or public health college level course work would be desirable.

**Is travel or training involved?** If yes, please provide specifics.

No

**Summer 2019 Internship Positions**  
**Office of Superfund Remediation and Technology Innovation**

**3. Superfund Historical Financials**

**Contact Person Information:**

Name: Bill Dalebout / Jared Mitchell

Office: OSRTI

Division/Branch: Resources Management Division/Budget Planning and Evaluation Branch

Phone Number: 703-603-8826 / 703-347-0276

**Project Description:**

Background of Project Area:

The Superfund Remedial Program is improving its capacity to report historical financial information and is seeking an energetic intern who is interested in exploring financial data to answer questions, improve reporting and assist decision makers. EPA obligates more than a billion dollars annually in appropriated funds, state cost-share contributions and Potentially Responsible Party settlement resources to support the Superfund program. The Superfund Remedial Program maintains a database that is used to report historical Superfund financial data from across the agency. The intern will have an opportunity to help the program improve historical financial data capabilities and will learn about the financial environment of a very interesting federal government program. The money spent through the Superfund program goes toward cleaning up some of the nation's most contaminated land. To protect public health and the environment, the Superfund program focuses on making a visible and lasting difference in communities, ensuring that people can live and work in healthy, vibrant places.

Tasks to Be Completed By the Intern:

Objective(s) –

- Improve financial data quality, queries and reporting to help provide important financial information to staff, decision-makers and members of the public.
- Learn about the financial environment of the Superfund program

Task(s)/assignment(s) –

- Become familiar with the Superfund program's financial environment
- Learn how to query and develop reporting tools for Superfund financials
- Review/QA and improve existing financial data queries
- Teach other staff the best practices you learn/develop during your internship, to query and report on Superfund financials

**Summer 2019 Internship Positions**  
**Office of Superfund Remediation and Technology Innovation**

**What skills are needed for this project?**

- Interest in learning about the financial environment of a federal agency
- Solid background (or interest in expanding capabilities) in dealing with large data sets using tools such as: Excel, Access, SQL; and/or any other scripting/visualization languages, programs or tools
- Ability to solve problems and communicate effectively (written and verbal)
- Ability to work independently and use unstructured time effectively
- Has a friendly, professional approach and knows how to be assertive when appropriate

**Is travel or training involved?** No