Office of Atmospheric Programs
Clean Air Markets Division Summer Intern

What is the project interns will be hired to work on?

Our mission is to protect human health and the environment. Clean Air Markets Programs improve air quality and public health, by reducing air pollution from large stationary sources such as power plants through innovative, market-based policy solutions. These programs reduce ambient concentrations of fine particles ($PM_{2.5}$), ozone, sulfur dioxide (SO_2), nitrogen oxides (NO_X), mercury, and other significant air pollutants.

The Clean Air Markets Division (CAMD) is currently working on a project to provide information technology tools to help CAMD stakeholders implement and monitor its programs. The first tool developed under this project is the Field Audit Checklist Tool (FACT). FACT will help state auditors and power plant operators prepare for and perform on-site audits of emission measurement systems. CAMD will distribute the application, initially through a pilot test (summer of 2017) where a limited number of state partners will be given the tool and asked to provide feedback.

CAMD is also planning a new tool, the Data Analysis and Reporting Tool (DART), to help state and EPA regional stakeholders download and analyze the emission and monitoring system data that CAMD collects. A team has been established to develop a vision for the tool that can be used to guide the development of the final product.

What do interns hired under this program do?

The intern will join the project team and participate in team activities that may include the following:
- Field Audit Checklist Tool Pilot Test
    - Participating in development of presentations to the pilot test group
    - Testing new versions of the tool as they become available
    - Providing technical assistance to the pilot test group if the encounter problems with the tool
    - Collecting, assessing, and prioritizing feedback from the pilot test group
- Data Analysis and Review Tool Planning
    - Participating in questionnaire development to guide stakeholder interviews
    - Participating in stakeholder interviews and recording results
    - Proposing options for developing and/or implementing stakeholder-requested features

Who is eligible?

This internship is available to current students with the following interest and skills:

- An interest in design, development, and/or analysis of information technology systems
- Strong written and oral communication skills
- An interest in web applications, databases, and/or communications

What is the typical length of employment?

60 to 90 days

How many hours per week of work do you expect?

40 (but less is acceptable)

Are the positions paid? What are the benefits?

This is an unpaid (volunteer) position.

How should applications be sent?

To apply email your current resume to Mike Heese (heese.michael@epa.gov)

What is the deadline for applications?

Applications are due by June 1, 2017.

If an applicant has questions, whom may they contact?

Please contact Mike Heese (heese.michael@epa.gov) if you have any questions about this position.