



Chesapeake StREAM Internship District of Columbia Water Quality Database

The Chesapeake-Student Recruitment, Early Advisement, and Mentoring program ([C-StREAM](#)) is a collaboratively-funded effort that develops and trains a diverse population of future leaders in environmental research, restoration, and protection by engaging them over multiple years in mentored engagement experiences. The program focuses on recruiting future leaders from populations historically excluded from the environmental field and currently under-represented in environmental research and management professions.

Project Description

The Department of Energy and Environment (DOEE)(<https://doee.dc.gov/service/water-district>) and Chesapeake Research Consortium (www.chesapeake.org) seek a C-StREAM summer intern for late May through mid-August (12 weeks) to provide support to the Municipal Washington Council of Governments, and DOEE's robust stream water quality monitoring program that produces a significant amount of data. This intern will also receive training to support the District's Rapid Stream Assessment program. The training would take place in-office and in the field, followed by an opportunity to apply useful stream monitoring skills through fieldwork. Knowledge of science is preferred.

Opportunities

This internship will provide a unique opportunity to contribute to large-scale, long-term natural resource management and policy development critical to understanding new ways to improve Chesapeake Bay water quality and manage Chesapeake Bay living resources most effectively and efficiently across the 64,000 square mile Chesapeake Bay watershed. The C-StREAM student will gain experience in natural resource management, restoration science, and environmental policy. In addition, this internship experience will provide insights into careers in natural resource management, policy development, and science beyond those applied for and allows students to make connections with established environmental management and science professionals. Also, we cross-referenced this project with the Science Needs Database and identified significant overlap. This project is designed to be a mutually beneficial and fulfilling activity for an intern.

Responsibilities and Deliverables

- To draw conclusions, using monitoring data, about the effectiveness of the District's stream restoration efforts.
- Help inform the District, and other stream restoration practitioners, about future investments, and efforts toward achieving water quality improvements.
- Presentation at the C-StREAM end-of-summer student symposium.

Requirements

- Interest in environmental science, communication, Geographic Information Systems/mapping application, and/or community engagement.
- Basic GIS or science experience is desired but not required.
- Motivated self-starter with the ability to work and reason independently.
- Must be a college-level student entering sophomore, junior, or senior year of undergraduate study. Students are also eligible to participate during the immediate summer following their graduation if they are pursuing graduate studies in the fall.
- Must be a U.S. Citizen and willing to undergo a security background check.

Work Location and Duration

This position will be in person with options for remote work as needed. This in-person and virtual opportunity will be based out of the DOEE Program Office in Washington DC. The internship is scheduled to begin on May 22, 2023 and end Friday, August 11, 2023. These are our preferred dates, but the dates can be adjusted to accommodate a student's school schedule if required. We plan on providing interns with access to a DOEE computer, email, and phone services if this internship is offered in person. If the internship is virtual, interns will need to have access to suitable internet, computer, and communication resources.

Compensation

The intern will be reimbursed at the end of each month (June, July, and August), for a total of up to \$6,000 (\$500/week) for the equivalent of 12 weeks (480 hours) of full-time activities. Candidates should expect to follow a normal weekday work schedule (roughly 9-5, M-F) with occasional variations for possible fieldwork or other activities. No benefits are provided. We help arrange local housing if the position is an in-person opportunity. A one-time housing and transportation allowance of \$1,000 is available to each intern to assist with living and transportation expenses. Funds are also available to compensate interns for occasional work-related travel and professional development activities.

Application Instructions

Application instructions required materials, and the C-StREAM application portal can be found on the C-StREAM website (<http://chesapeake.org/c-stream/>).

The deadline for applications is February 21, 2022.

