



Chesapeake StREAM Natural Resource Management and Environmental Policy Internship

The Chesapeake Student Recruitment Early Advisement and Mentoring (Chesapeake StREAM) Program is designed to recruit talented, passionate students from underrepresented communities to gain professional experience from engagement with environmental agencies, academic institutions, and other partners involved with the Chesapeake Bay Program partnership. The Chesapeake StREAM program looks to further develop passionate students into outstanding leaders and role models in the fields of natural sciences, engineering and mathematics, with an emphasis on environmental science, ecology and environmental management and policy.

Internship Description

The Chesapeake Bay Program (www.chesapeakebay.net) partnership and Chesapeake Research Consortium (www.chesapeake.org) seek a summer intern for Summer 2018 (June - August) to provide support to Chesapeake Bay Program (CBP) partnership goal implementation teams and workgroups at the Chesapeake Bay Program Office in Annapolis, MD. The Chesapeake Bay Program partnership manages the restoration of the Chesapeake Bay by coordinating efforts of various federal, state, and local governments; academic institutions, local watershed organizations; concerned citizens and others to build and adopt policies that support Bay restoration. The interns will primarily support partnership staff and the GIS team to advance existing projects or establish new projects and priorities. Potential internship tasks include but are not limited to:

- Contact state agencies in VA and MD to determine how they track septic systems;
- Collect county zoning data for all counties in New Jersey
- Organize several terabytes of hydrologic data including stream cross-sections and derivatives from digital elevation models;
- Conduct literature reviews to synthesize information oriented to advancing one or more of the 2014 Chesapeake Bay Watershed Agreement outcomes; and
- Data archival and analysis.

Opportunities

The 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 manage Chesapeake Bay living resources most effectively and efficiently across the Chesapeake Bay watershed. The intern will gain experience in natural resource management, restoration science, ecology, and environmental policy. The position will also provide an opportunity to expand the intern's knowledge of the Chesapeake Bay watershed's ecological resources, the Chesapeake Bay Program partnership, and the technologies related to analyzing and monitoring data collected by the Chesapeake Bay Program and its partners. The internship position will provide insights into careers in natural resource management, policy development and science beyond those applied for and allows the interns to make connections with established environmental management and science professionals. Finally, the intern will have the opportunity to present work conducted and experience gained to CBP staff at the conclusion of the internship.

Requirements

- Must be a college-level student from an underrepresented or underserved community entering sophomore, junior, or senior year of undergraduate study.
- Experience or coursework in biology, environmental science, environmental policy, ecology or a related course of study.
- Experience working with GIS.
- Ability to analyze various sets of data to report potential findings.
- Knowledge of and/or comfort in researching peer-reviewed journals and literature reviews.
- Motivated self-starter with ability to work and reason independently.
- Experience working with Microsoft Office applications.
- Interest in learning how a diverse, governmental-environmental-management partnership makes decisions effectively and sets and achieves goals through collaborative and regulatory processes.
- Must be a U.S. Citizen and willing to undergo a security background check.

Work Location and Duration

This position will be stationed at the Chesapeake Bay Program Office in Annapolis, Maryland. The position will begin in June and conclude in August (12 weeks). Computer and phone services will be provided.

Compensation

The intern will be reimbursed at the end of each month, for a total of approximately \$4,500 for the equivalent of 12 weeks of full-time activities (480 hours). Candidates should expect to follow a normal weekday work schedule (40 hours) with occasional variations. No benefits are provided. A small housing stipend may be available where necessary.

Diversity and Inclusion

The EPA Chesapeake Bay Program Office and CRC are committed to supporting a diverse and inclusive, science oriented workforce. Our internship program endeavors to recruit from a diverse, qualified group of potential applicants to secure a high-performing workforce drawn from all segments of American society. The CBP and CRC are strongly supportive of broadening the participation of Historically Black colleges and universities (HBCUs), Hispanic serving institutions, tribal colleges and universities, and institutions that work in underserved areas. We highly encourage applications from students from of the above institutions.

Application Instructions

To apply, please send cover letter, resume, and one letter of recommendation from a university advisor/mentor. (An ideal letter of recommendation would describe the applicants career interests and the continued support and mentoring an applicant will receive following the summer experience.) references electronically to Melissa Fagan, CRC, at faganm@chesapeake.org. The deadline for applications is May 7, 2018.