



Chesapeake StREAM Internship Field Technician

Project Description

The NOAA Chesapeake Bay Office (NCBO) and Chesapeake Research Consortium (CRC) seek a summer field technician for an 11-week period TBD from late May through mid-August 2019 to assist with the operation of observing systems in Chesapeake Bay. NCBO observing systems include hydrographic, oceanographic and biological data collection to better understand the delicate balance and health of this vital Bay ecosystem. The C-StREAM fellow will primarily support the Office's Field Program priorities that include oyster reef monitoring, water column and nearshore habitat monitoring and acoustic telemetry data collection. The field technician duties will include preparation for field work, data acquisition and processing, sensor deployment and recovery and a data analysis project. The work will be conducted on a range of vessel platforms and sizes that could include large contract vessels for oceanographic sensor deployments to jon boats for telemetry receiver recovery.

Opportunities

These internships provide a unique opportunity to contribute to large-scale, long-term ecological research critical to understanding Chesapeake Bay living resources. Each opportunity provides insights into careers in marine science and engineering beyond those applied for. These experiences will additionally provide a background in restoration science, oceanography and ecology. The positions will also provide an opportunity to expand the C-StREAM fellow's knowledge of Chesapeake flora and fauna and the technologies related to field research and ecosystem monitoring.

Deliverables

- Applied scientific/research oriented project characterizing aquatic habitats of the Chesapeake Bay
- Presentation to NCBO staff at the conclusion of the internship summarizing the experiences gained and work conducted

Requirements

- Willingness to engage in physically demanding work, typically taking place outdoors on a boat
- Knowledge of and/or comfort in using reference sources on flora and fauna of the Chesapeake Bay
- Motivated self-starter with ability to work and reason independently
- Must be a college-level student entering sophomore, junior, or senior year of undergraduate study
- Must be a U.S. Citizen and willing to undergo a security background check

Work Location and Duration

This position will be stationed out of the NOAA Chesapeake Bay Office in Annapolis, Maryland. The position will begin in mid-May and conclude in mid-August (11 weeks). Computer and phone services will be provided.

Compensation

The C-StREAM fellow will be reimbursed at the end of each month, for a total of up to \$5,000 for the equivalent of 11 weeks of full-time activities. Funds are available to compensate fellows for occasionally required work-related travel. Candidates should expect to follow a normal weekday work schedule (roughly 9-5, M-F) with occasional variations for possible field work or other activities. No benefits are provided. A small housing stipend is available for those needing it, and we offer assistance in arranging local housing.

Diversity and Inclusion

The NOAA Chesapeake Bay Office is 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. NOAA is strongly supportive of broadening the participation of historically black colleges and universities, Hispanic serving institutions, tribal colleges and universities, and institutions that work in underserved areas. We highly encourage applications from students at any of the above institutions.

Application Instructions

This position is being offered via the Chesapeake Student Recruitment, Early Advisement, and Mentoring (C-StREAM) program. C-StREAM is a program focused on recruiting, advising, and mentoring college students who identify as people of color and/or who are first generation college students. Please apply for this position using the process outlined on Chesapeake Research Consortium's page: <http://chesapeake.org/c-stream/>.

The deadline for applications is February 15, 2020.