



C-StREAM Fellowship Program Position

Environmental Literacy: Climate Curriculum Analysis and Public Access Development

The [Chesapeake Student Recruitment, Early Advisement, and Mentoring Program](#) (C-StREAM) is an inclusive program focused on recruiting, advising, and mentoring college students who identify as people of color, persons with disabilities, members of the LGBTQAI+ community, persons from economically disadvantaged backgrounds, and first-generation college students who are currently pursuing an undergraduate degree. C-StREAM is designed to advance the participation of students from diverse communities in environmental science, protection, restoration, education, management, and policy careers. C-StREAM endeavors to support this goal by developing inclusive career pathways that result in greater diversity in the environmental workforce.

Project Description

The [NOAA Chesapeake Bay Office](#) (NCBO) and [Chesapeake Research Consortium](#) (CRC) seek a summer Fellow for late May through mid-August 2025 (12 weeks) to work with the Environmental Literacy and Partnerships branch (EL&P). The EL&P branch, in part, encourages and supports K-12 education in the development and implementation of comprehensive environmental literacy programs by supporting regional environmental literacy policy initiatives, education resource development, grantmaking, and professional learning programming. The selected Fellow will support two aspects of NCBO environmental literacy work: the development of a public facing portal for high-quality interdisciplinary climate change education curriculum and support of in-person and virtual professional development programming.

Climate and environmental change are powerful interdisciplinary learning opportunities, but the landscape of high-quality and scientifically accurate curricula available is not well understood. The primary focus of this fellowship is to develop a public facing resource that will allow educators to access a database of climate and environmental change curriculum [developed over the past couple of summers](#). The criteria were designed to assess best practices in climate curriculum design and to identify and evaluate examples of existing or planned climate-change-focused curricula. The selected Fellow will work with internal and external partners to develop a public facing resource, such as an embedded-database or story map that will allow for access to the collected and evaluated resources.

The Fellow will also support summer Environmental Science Training Center (ESTC) programming, including educator professional development workshops that provide support for

the implementation of environmental literacy and programming in K-12 education. These programs will include a conference and up to 2 in-person multi-day professional development workshops.

Opportunities

In this position, the Fellow will work side by side with professionals at the forefront of environmental literacy policy and program development. The Fellow will develop and hone research, curriculum analysis, and data organization and interpretation skills in an emerging space, climate curricula. While supporting ESTC programming, the Fellow will develop skills useful in communicating, learning, and working with large and diverse audiences. They will have the opportunity to strengthen planning and public speaking/presentation skills throughout the summer workshops. The Fellow will work both independently and as part of a team to create practical tools and engaging programming in support of regional environmental literacy efforts.

Responsibilities and Deliverables

- Develop a public facing catalog of climate curriculum and high-quality standards-aligned lessons.
- Develop a resource for educators, using the Environmental Literacy Model (ELM) format, that can serve as an example for how to connect education for climate action to the Meaningful Watershed Educational Experience.
- Serve as a team member supporting the planning and implementation of summer teacher professional development workshops by developing learning activities, facilitating workshop components, and helping with workshop logistics (both in-person and virtual).
- Identify two to three personal professional development goals to achieve during the fellowship, determine steps to achieve those goals, and report on progress each week. Examples of professional development goals include developing professional skills, learning particular topics related to NOAA, developing a broader professional network, or attending professional and/or academic conferences.
- Presentation in the C-StREAM symposium at the conclusion of the fellowship summarizing the experiences gained and work conducted.

Eligibility

- Must be a college-level student entering sophomore, junior, or senior year of undergraduate study in the fall of 2025 or current seniors graduating in May of 2025.
- Must be a United States citizen and willing to undergo a security background check.

Desired Qualifications

- Strong writing and communications skills.
- Strong independent research skills.

- Experience developing, working with, and synthesizing complex information.
- Familiarity with data management and Google spreadsheets.
- Experience (work or study) in environmental science or education.
- Interested in climate, sustainability, or education related careers.
- Experience with GIS platforms and ArcGIS Storymaps a plus.
- Motivated self-starter with the ability to work proactively and reason independently, consistently share progress updates, and recommend or inquire about next steps toward project completion.
- Ability to work well with others, and to seek out and incorporate feedback into work products.

Work Location and Duration

We envision that this position will be an in-person position and will be based out of the NOAA Chesapeake Bay Office in Annapolis, Maryland or the Cooperative Oxford Lab in Oxford, Maryland. The fellowship is scheduled to begin on May 19, 2025, and end Friday, August 8, 2025. 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 NOAA computer, email, and in-office phone services.

Compensation

The Fellow will receive a stipend at the end of each month, for a total of up to \$6,000 for the equivalent of 12 weeks of full-time activities. 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 one-time housing and transportation allowance of \$1,000 is available to each Fellow to assist with living and transportation expenses. Funds are also available to compensate interns for occasional work-related travel and professional development activities.

Diversity and Inclusion

The Chesapeake Research Consortium and NOAA Chesapeake Bay Office are committed to supporting a diverse and inclusive science-oriented workforce. Our fellowship 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. We are 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 as well as students that identify students who identify as people of color, persons with disabilities, members of the LGBTQAI+ community, persons from economically disadvantaged backgrounds, and first-generation college students.

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 14, 2025.