

# CHESAPEAKE BAY FOUNDATION Education Programs



CHESAPEAKE BAY  
FOUNDATION

*Saving a National Treasure*

**LEARN OUTSIDE**

**CBF.ORG/EDUCATE**



# CONTENTS

What is Environmental Literacy ..... 3

Student Field Programs .....4

    One-day: Boat Programs

    One-day: Canoe and Streamside Programs

    Multi-day Programs

Professional Learning .....6

    Chesapeake Classrooms for Teachers

    School Leaders Environmental Leadership Program

Student Leadership.....8



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## SAVING A NATIONAL TREASURE



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**CBF leads one of the largest, longest running field-based environmental education programs in the country, serving over one million students in our 50-year history. We work for effective, science-based solutions to reduce the pollution degrading the Bay and its rivers and streams.**

Founded in 1967, the Chesapeake Bay Foundation (CBF) is the only regional conservation organization working to restore the Chesapeake Bay and surrounding watershed through education, advocacy, litigation, and restoration.

CBF's vision is a restored Bay with healthy rivers and clean water; sustainable populations of crabs, fish, and oysters; thriving water-based and agricultural economies; and a legacy of success for our children and grandchildren.

To learn more about CBF, visit [cbf.org](http://cbf.org).



JAY FLEMING

## OUR COMMITMENT TO SAFETY

We are committed to the safety of all our participants. All CBF facilities and equipment are continuously inspected and maintained to the highest standard.

Our CBF vessels are inspected by the U.S. Coast Guard and all CBF captains hold a U.S. Coast Guard license. We ensure that our educators have professional certifications and annual training to lead safe education programs. Educators receive the following certifications:

- Wilderness First Responder
- American Canoe Association River Canoe Day Trip Leading
- CPR
- Boater Safety



# ENVIRONMENTAL LITERACY



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**CBF is committed to growing connections between students, teachers, and school administrators to their environment.**

Whether through art, math, history, science, or social studies, our approach inspires students to engage in local environmental issues.

To learn more about how our programs enhance classroom curricula, please visit [cbf.org/mwee](https://www.cbf.org/mwee) for an *Educator's Guide to the Meaningful Watershed Education Experience*.





KYLE LAFERRIERE

MIDDLE & HIGH SCHOOL

# STUDENT FIELD PROGRAMS

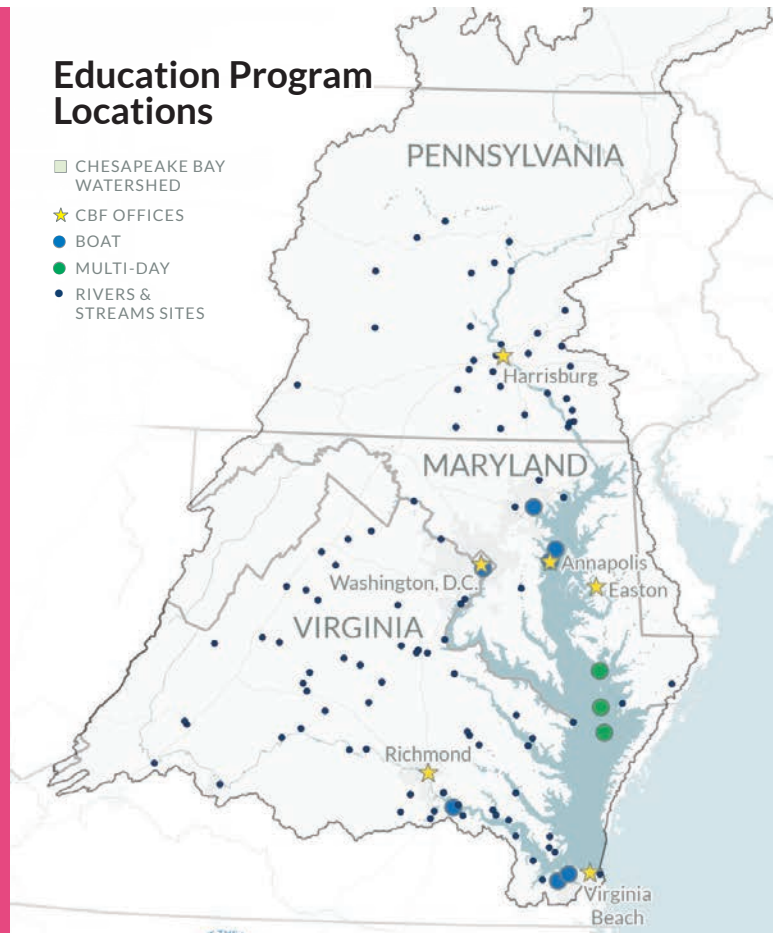
Our educators reach students in the most authentic way, by facilitating student-centered investigations that may involve paddling on the river, pulling a dredge on an oyster reef, or taking samples in a marsh.

Exploring is more than a fun way to learn. Gaining experience in the field is a process that creates actively engaged learners and helps build the next generation of critical thinkers.

CBF's Student Field Programs include one-day and multi-day environmental education learning opportunities. Programs are offered across the Chesapeake Bay watershed in Maryland, Virginia, D.C., and Pennsylvania. For more information, visit [cbf.org/apply](http://cbf.org/apply)

## Education Program Locations

- CHESAPEAKE BAY WATERSHED
- ★ CBF OFFICES
- BOAT
- MULTI-DAY
- RIVERS & STREAMS SITES







CAROLINE PHILLIPS



CAROLINE PHILLIPS



CAROLINE PHILLIPS

## ONE-DAY: BOAT PROGRAMS

CBF's floating classrooms allow students to use scientific data collection and traditional watermen's techniques to discover the health of their local river.

**Arthur Sherwood**  
(Annapolis, Maryland)

**Baltimore Harbor**  
(Baltimore, Maryland)

**Hampton Roads**  
(Hampton Roads, Virginia)

**James River**  
(Hopewell, Virginia)

**Potomac River**  
(Washington, D.C.)

## ONE DAY: CANOE AND STREAMSIDE PROGRAMS

CBF's canoe and streamside programs provide participants a unique and exciting perspective to gain a deeper understanding of their connection to local waterways and wetlands.

**Brock Environmental Center**  
(Virginia Beach, VA)

**Maryland Rivers & Streams**  
(rivers of MD)

**Pennsylvania Rivers & Streams** (rivers of PA)

**Phillip Merrill Environmental Center** (Annapolis, MD)

**Virginia Rivers & Streams East** (rivers of VA east of I-95),  
the Elisabeth Reed Carter Environmental Education Program

**Virginia Rivers & Streams West**  
(rivers of VA west of I-95)

## MULTI-DAY PROGRAMS

Located in the heart of the Chesapeake Bay, participants spend three days and two nights on-location at one of our residential education centers—allowing for dynamic opportunities to study ecosystems, culture, fisheries, and economics in the largest estuary in the United States.

**Karen Noonan Center**  
(Dorchester County, Maryland)

**Port Isobel**  
(Accomack County, Virginia)

**Smith Island**  
(Somerset County, Maryland)





THE MARYLAND TEACHER OF THE YEAR PROGRAM

**TEACHERS & SCHOOL LEADERS**

# PROFESSIONAL LEARNING

CBF works to advance environmental literacy and support classroom learning goals through our Chesapeake Classrooms teacher professional learning program, our School Leaders Environmental Leadership Program, and our Teacher Environmental Literacy Leader (TELL) network.

We partner with individual schools and school districts to promote a systemic approach to integrating hands-on, field-based Meaningful Watershed Educational Experiences (MWEEs) into curricular programs.



IAN ROBBINS/CBF STAFF





JENNY GARCELL

## CHESAPEAKE CLASSROOMS FOR TEACHERS

CBF's teacher professional learning program, **Chesapeake Classrooms**, provides high-quality experiences that prepare educators to use the environment as a context for learning to increase student engagement, achievement, and stewardship.

Chesapeake Classrooms uses the Meaningful Watershed Educational Experience (MWEE) model to actively

engage participants in hands-on investigations in which core concepts and multidisciplinary practices connect the natural world and society.

Each course is designed to support state and local educational standards in Maryland, Virginia, D.C., and Pennsylvania. Teacher participants are eligible to earn continuing certification or graduate credit.

Chesapeake Classrooms is supported by CBF's **Teacher Environmental Literacy Leaders (TELL)** network, an established community of teacher leaders who participate in professional learning programs with a focus on content, pedagogical strategies, and leadership skills that support environmental literacy in their districts. TELL teacher leaders are ambassadors for environmental literacy, field-based learning, and watershed education.



## SCHOOL LEADERS ENVIRONMENTAL LEADERSHIP PROGRAM

Participants in CBF's **School Leaders Environmental Leadership Program** spend three days at a CBF residential center experiencing environmental education, learning from experts, and preparing to integrate the environment into their school plan. The program supports school administrators and other instructional leaders in developing environmental stewardship opportunities for their entire school community.





RICK MITTLER

# STUDENT LEADERSHIP

The Student Leadership Program offers students the opportunity to expand their knowledge of watershed issues through unforgettable outdoor field experiences. CBF's student leaders learn how to advocate for local environmental issues that are meaningful to them.

Students work with scientists, elected officials, farmers, restoration experts, and CBF educators to lead others in their communities to improve the environment.

Student applicants must be entering grades 9-12 and active in their student government, FFA chapter, school eco-club, or an environmental organization.



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NORAH CARLOS/CBF STAFF

Learn more: [cbf.org/studentleadership](https://cbf.org/studentleadership)



CHESAPEAKE BAY FOUNDATION

*Saving a National Treasure*

**LEARN OUTSIDE**

ADVANCING  
**ADVOCACY,  
ACTION,  
AND  
AWARENESS**



For more information  
on CBF's Education  
Programs: [cbf.org/educate](https://cbf.org/educate)  
**800-445-5572**

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