

September 2019



Bay Water Quality Marsh Restoration Oyster Restoration

Brief...but Interesting

Highlights from Horn Point Laboratory

**\$5 million awarded to apply research created at HPL •
Symposium bringing women in science together •
Upcoming events**



Fish kill along the Gulf of Mexico beaches in Florida caused by harmful algal blooms (HAB), costing millions to tourism, fishing and industry.

**\$5 Million awarded to multi-institution team to
understand red tide in Florida**

Horn Point professors, [Pat Glibert](#) and [Ming Li](#), will apply lessons learned about harmful algal blooms in the Chesapeake Bay to help understand red tide in the Gulf of Mexico. The National Oceanic and Atmospheric Administration (NOAA) has awarded nearly \$5 million to an interdisciplinary team from six institutions including the Horn Point Laboratory-UMCES to investigate how climate change and extreme precipitation events exacerbate harmful algal blooms, such as red tide, in the eastern Gulf of Mexico.

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Society for Women in Marine Science (SWMS) hosts first Mid-Atlantic Symposium at HPL

Organized by graduate students, [SWMS chapter at HPL](#) held the first ever Mid-Atlantic chapter SWMS Symposium, "Dive Deep into Scientific Communication," on September 13-14. The symposium included a panel of female marine scientists working in various career fields including; industry, academia, non-profit, and government, followed by an interactive science communication workshop led by UMCES's [Integration Application Network \(IAN\)](#). Day 2 held an outreach program for 30 girls in middle and high school, led by symposium attendees.

[LEARN MORE](#)
[PHOTO GALLERY](#)

Upcoming Events



HPL OPEN HOUSE

Saturday, October 12
11 am to 4 pm

Free and Family Friendly!
Rain or Shine



Hands on exhibits will take you on a grand adventure
Dive Into Science and See the Bay the Horn Point Way!

- Fly a drone over a digital map of the Chesapeake Bay.
- Play in a digital sand box to create shorelines and model weather's impact around the Bay with laser imaging.
- See an animation of the travels of oyster larvae as they move from the reef where they spawned to their new, permanent home reef.
- Match up a DNA sequence to microscopic creatures important to the food chain.
- Observe and learn about sturgeon whose ancestors date to the Jurassic period
- Build a healthy marsh and learn who are our best partners in this effort.
- Meet and talk to graduate students about their environmental career goals.
- **Scavenger hunt through exhibits to win a free t-shirt and Dunk the Scientist in the Dunk-Tank!**

Science After Hours with HPL

The Oyster and its potential to build a stronger future



Two programs will share the oyster's importance to the Chesapeake Bay's health and heritage. Free and open to all, at the **St. Michaels branch of TCFL, 106 Fremont St., St. Michaels**

Thursday, October 3
6:30 to 7:30 pm
Building Consensus with Oysters
Dr. Elizabeth North

Thursday, October 24

6:30 to 7:30

Looking Ahead with Oysters: tackling environmental issues

Dr. Matt Gray

The Horn Point Laboratory is offering "Science After Hours with Horn Point Laboratory," to make the science of the Chesapeake Bay as accessible as its beauty.

REGISTER

Other Events - connecting science with the environment

Talbot County Free Library

Maryland One Book

Dr. Hanna-Attisha, author of this year's One Maryland One Book entitled, "What the Eyes Don't See" about the Flint, MI water crisis, will speak at the Todd Performing Arts Center at Chesapeake College, Nov. 4, 7:00 pm

[MORE](#)

Waterfowl Festival

Visit [Anna Windle](#), HPL graduate student, to explore drones and water quality

Easton Middle School

Saturday, Nov. 9

2-4pm

SUPPORT SCIENCE

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With ongoing research programs spanning from the estuarine waters of the Chesapeake Bay to the open waters of the world's oceans, Horn Point is a national leader in applying environmental research and discovery to solve society's most pressing environmental problems.

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