

# ENVIRONMENTAL INSIGHTS

NEWS FROM THE UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE

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## President Peter Goodwin reflects on UMCES, retirement

After a 40-year career in science and higher education culminating in leading Maryland's university for the environment, University of Maryland Center for Environmental Science President Peter Goodwin retires at the end of September. He has been leading the university's commitment to unbiased scientific research and public service while developing the next generation of environmental scientists since 2017.

"This is a very special community within a unique institution driven by a common mission driven by truly exceptional researchers and staff. Given the urgency of the existential threats of climate change, loss of biodiversity, rapidly changing landscapes,

UMCES exemplifies how scientific understanding of the environment can be accelerated to inform action. It has been the honor of a lifetime to lead UMCES toward its second century of impact in Maryland and around the world." [MORE](#)

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## **International effort led by UMCES to weigh "green ammonia" impact on climate change and the environment**

Climate change and nitrogen pollution are significant threats facing humanity, and they are inextricably connected. A new global center, the Global Nitrogen Innovation Center for Clean Energy and the Environment, spearheaded by the University of Maryland Center for Environmental Science with key partners in the U.S. (New York University and University of Massachusetts Amherst), Canada (University of Guelph), and the U.K. (Rothamsted Research), will provide timely and crucial insights associated with the rapidly evolving technological innovation to produce ammonia using renewable energy for clean energy and food production.

“There is an urgent need to respond to this impending technological innovation to produce ammonia using renewable energy known as green ammonia. We hope to be able to harness this technology to bolster clean energy initiatives, combat climate change, and secure food supplies for the future, while minimizing risks of unintended consequences,” said Professor Xin Zhang, director of the Global Nitrogen Innovation Center for Clean Energy and the Environment. [MORE](#)

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## Shore to shore: Discover science at UMCES Open House events

Explore the world of marine science at Open Houses hosted by UMCES' waterfront campuses in Solomons and Cambridge. Learn about dolphins in the Chesapeake, how oysters help clean the Bay, and more through hands-on activities and demonstrations by UMCES scientists. Free and open to all ages!

### Chesapeake Biological Laboratory Open House

Saturday, October 7, 11 a.m.-4 p.m.  
146 Williams Street, Solomons

### Horn Point Laboratory Open House

October 14, 11 a.m.- 4 p.m.  
2020 Horns Point Road, Cambridge

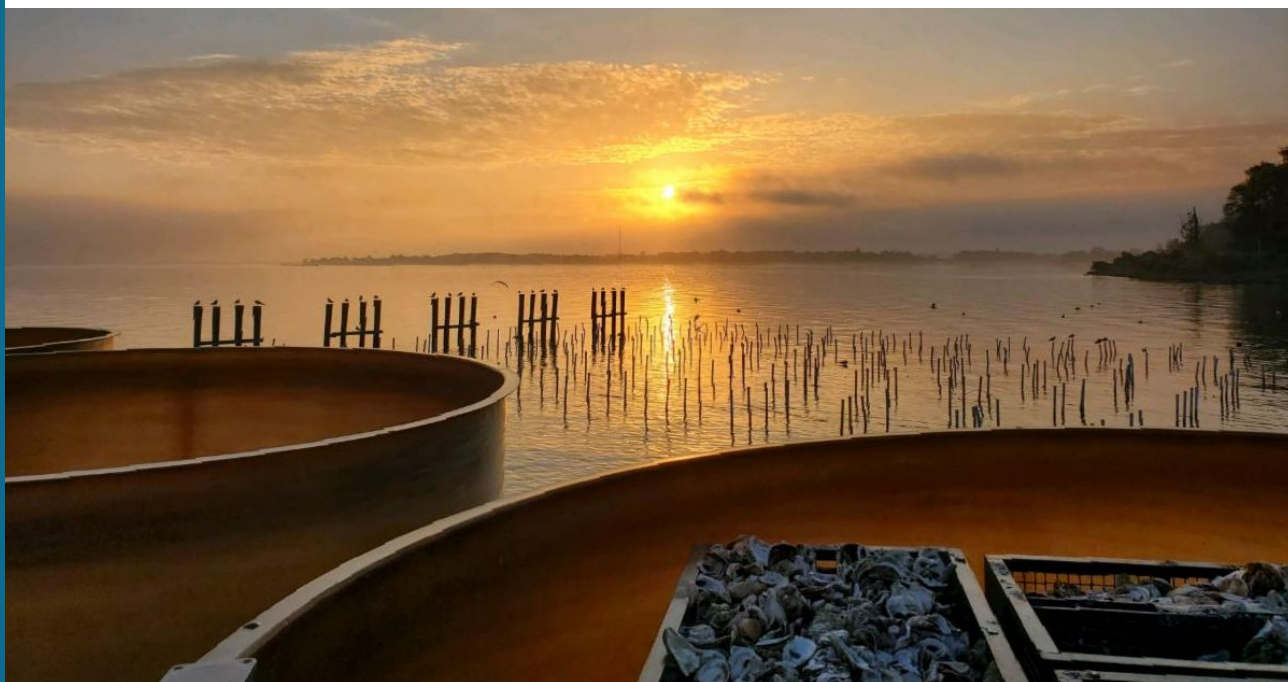
[VISIT THE UMCES EVENTS CALENDAR FOR DETAILS](#)

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## Annie Stark named Richard A. Johnson Environmental Education Award winner

In honor of outstanding contributions to environmental education in western Maryland, UMCES' Appalachian Laboratory named Annie Stark as recipient of the 2023 Richard A. Johnson Environmental Education Award. An environmental science teacher at Allegany High School in Cumberland, she has taught biology, environmental science, agriculture, natural resource, and animal science courses over the past 16 years and collaborates with the Maryland Park Service and other state agencies in

support of student learning. **MORE**



## UMCES IN THE NEWS

[Homebuyers swarm Maryland island threatened by climate change \(Today Show\)](#)

[What to know about harmful algal blooms in Central Texas \(KCEN-TV - Texas\)](#)

[Horn Point Laboratory celebrates one billion spat on shell \(Bay Bulletin\)](#)

[Threatened coastal species absent from Chinese protection lists \(Nature\)](#)

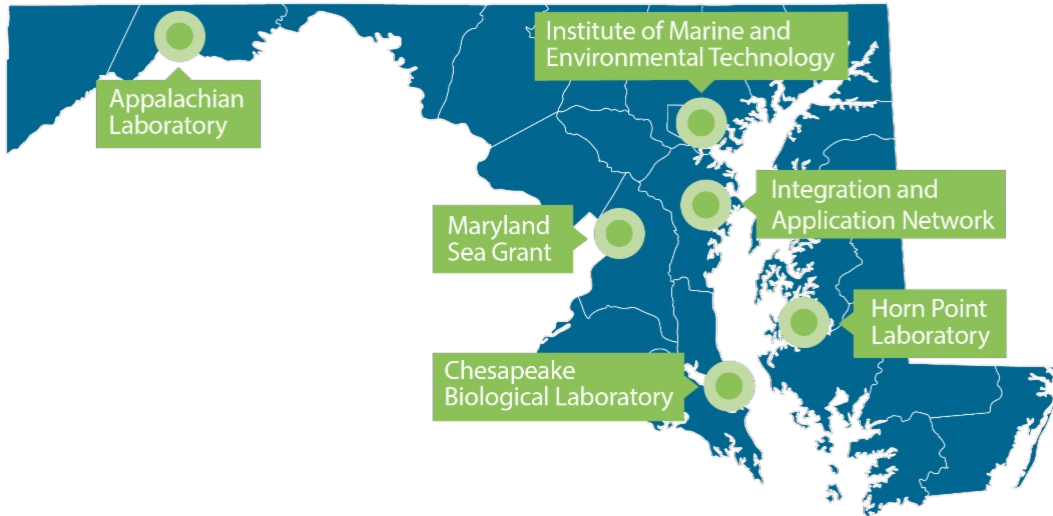
[Novel research takes marine conservation tools to a new dimension \(Phys.org\)](#)

[UMCES' Chesapeake Biological Laboratory receives transformative gift to study contaminated waterways \(The Bay Net\)](#)

[Can AI save the planet? Some Marylanders are trying to make the case \(Maryland Matters\)](#)

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Appalachian Laboratory - Chesapeake Biological Laboratory

Horn Point Laboratory - Institute of Marine and Environmental Technology

Integration and Application Network - Maryland Sea Grant

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