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UMaine MARINE News and Updates: December 2023

1 message

UMaine MARINE <marine@maine.edu>
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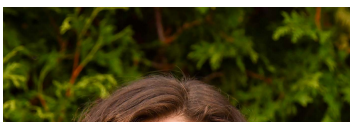


UMaine MARINE

NEWS AND INFORMATION UPDATE | December 2023

RESEARCHER SPOTLIGHT

UMaine MARINE Welcomes Katrina Armstrong



The University of Maine stands as a leader in marine

Events

ORD Professional Development Workshop
Diversity, Equity, & Inclusion in Research



sciences, a position bolstered by the collaborative efforts of UMaine's **Marine Aligned Research, Innovation, and Nationally-recognized Education Initiative**. Recently, UMaine MARINE welcomed Dr. Katrina Armstrong

as a Postdoctoral Researcher. Armstrong plays a crucial role in managing and advancing the initiative, contributing to the ongoing success of UMaine MARINE and its mission.

Founded in 2021, UMaine MARINE brings together researchers from across the state to engage in innovative and interdisciplinary research, education, and outreach related to the marine realm. In a world grappling with the escalating threats of climate change, Armstrong is committed to interdisciplinary collaboration and collective action, both integral aspects of UMaine MARINE's mission.

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Wed. Dec. 13th,
12:00pm
Project Management
Wed. Dec. 20th,
12:00pm
[Zoom \(registration required\)](#)

SMS Seminar Series
Every Friday, 11am
Orono: Aubert, Room 354
DMC: Brooke Hall
[Zoom](#)

The Arctic: Our Last Great Wilderness
Fri. Dec. 22nd, 7pm

Grants

[ESA Candidate Species Conservation](#)

[NOAA/NMFS Bycatch Reduction Engineering Program](#)

[The Keeling Curve Prize](#)

[More...](#)

UMaine Extension receives \$750,000 to boost aquaculture learning tools

University of Maine Cooperative Extension has received a \$750,000 grant to support the development and implementation of virtual reality and other innovative learning tools focused on aquaculture technology. The grant, [part of an \\$8.2 million funding effort by the National Institutes of Food and Agriculture \(NIFA\) to boost non-formal education](#), aims to increase awareness and understanding of Maine's aquaculture industry among youth and educators.

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UMaine Scientists use eDNA to enhance river herring recovery research in Penobscot River

University of Maine researchers are seeking to gain more insight into river herring recovery in the Penobscot River using a novel surveying tool: environmental DNA (eDNA). When they received a grant from the Maine Outdoor Heritage Fund (MOHF) in 2021, UMaine researchers, led by principal investigator Kristina Cammen and Ph.D. candidate Julia Sunnarborg, partnered with the Maine Department of Marine Resources (DMR), Maine Sea Grant and the National Oceanic and Atmospheric Administration (NOAA) to expand our understanding of river herring recovery and broader ecosystem dynamics in the Penobscot River estuary.

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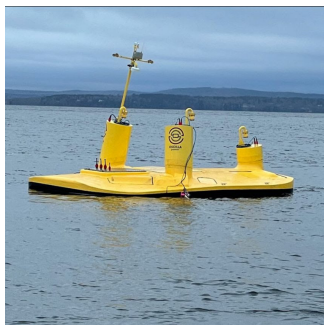


NFWF awards Maine DMR \$5 Million to support Maine lobster industry participation in alternative fishing gear testing

The Maine Department of Marine Resources (DMR) has received two grants totaling

\$5,050,658 from the National Fish and Wildlife Foundation (NFWF). One award will support the evaluation of acoustic geolocation systems that locate gear on the bottom without the benefit of surface buoys which are part of traditional gear configurations. A second award will support testing of technology that retrieves lobster traps from the bottom without the use of vertical lines. The program will involve the establishment of the Maine Innovative Gear Library (MIGL) to increase access to diverse alternative gear types, and an outreach program that engages fishermen in the research.

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Scholarship
Recipients**

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