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Aquaculture Research Institute Newsletter, June 22, 2023

Aquaculture Research Institute

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Aquaculture
Research Institute

Welcome to the Aquaculture Research Institute's newsletter where we provide updates on ARI's research, education and outreach initiatives.

The Aquaculture Research Institute is buzzing with activity, as summer descends on the coast of Maine.

From our undergraduate externs exploring the aquaculture workforce to our new fellows working to integrate Indigenous and Western Science through applied aquaculture research, the institute is a hub of education and discovery. We look forward to a busy and exciting summer at ARI with this group of passionate and curious students.

ARI Education Highlights

We have two exciting educational opportunities that have begun this summer!



[AquEOUS Fellowship](#)

Our new fellowship program kicked off last week, with 6 students joining us in Orono from all across the U.S. The 10-week REEU provides students with a variety of experiences, working to combine traditional ecological knowledge from indigenous science with STEM concepts through aquaculture-related topics. Students will work on projects that range from eDNA to shellfish restoration to aquaponics. We can't wait to share more about their experiences as the summer progresses!



[Undergraduate Externship](#)

We're excited to announce the start of another year of our undergraduate extern program! This program partners with hosts across Maine, including American Unagi, Canopy Farms, Downeast Salmon Federation, Sea & Reef Aquaculture, Hurricane Island, Southern Maine Sustainable Shellfish, Petit Manan Oyster Company, Bangs Island Mussels, and the University of Maine's Fish Nutrition and Nutrigenomics Laboratory and Diagnostic Research Laboratory. We look forward to

The University of Maine Center for Cooperative Aquaculture Research is offering a five-day workshop on recirculating aquaculture systems.

Recirculating Aquaculture Workshop:

The University of Maine Center for Cooperative Aquaculture Research

33 Salmon Farm Rd Franklin, Maine 04634

August 14-18

The workshop will cover the basics of RAS, including its design, maintenance, and management. It will also provide participants with the opportunity to learn about water quality, aquatic organism management, and RAS equipment operation and maintenance.

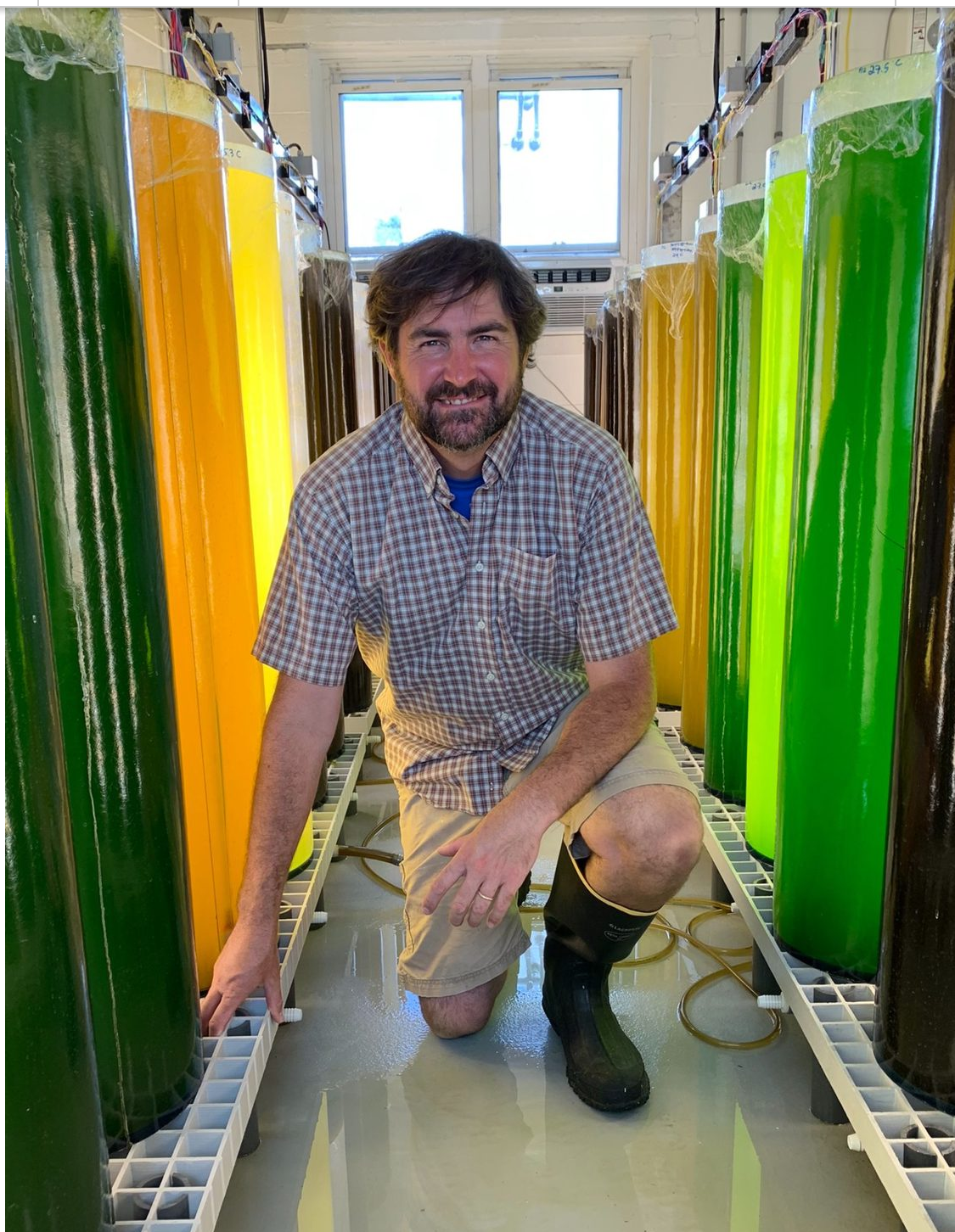


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New and Exciting!

We have a new Aquaculture Research Technician!

We're excited to welcome [Karl Eschholz](#) to our growing team! As a native Mainer, he has managed shellfish hatcheries and farms for 27 years, excelling in designing and constructing innovative systems. Karl will be working as a hatchery manager supporting ongoing projects focusing on oysters, scallops, and razor clams, collaborating with many partners from ARI, SMS, MAIC, Maine Sea Grant. Please join us in extending a warm welcome to Karl!



Get Hyped for Seaweed Education!

Maine Aquaculture Innovation Center, in a project funded by World Wildlife Fund, is on a mission to get more seaweed aquaculture educational resources into Maine's classrooms. We plan to do this "With a Little Kelp from Our Friends", a book on the

Seaweed aquaculture is important to the State of Maine because it can help stabilize our fishing communities in the face of a changing climate and ocean, preserve working waterfronts, and provide food with high nutritional value to our communities.

Keep an eye out on [MAIC's website](#) for more to come soon!



Listen to our podcast!

[This latest episode of Salty Talks](#) focuses on the crucial topic of workforce development in aquaculture, through programs like our AquEOUS fellowship and our Externship. Thanks to Scarlett Tudor for talking about the importance of diversifying the workforce, and prioritizing experiential learning!

A horizontal banner for the 'Salty Talks' podcast. On the left is a square icon with a map of Maine and a microphone. To the right, the text reads: 'PODCAST Salty talks: Conversations on Sustainable Aquaculture in Maine Corinne Noufi'.



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