# Ales & Ideas heads underwater at Fort George Brewery

ASTORIA — The Ales and Ideas lectures welcomes Jack Barth, executive director of the Oregon State University's Marine Studies Initiative,

to Fort George Brewery on Thursday, Dec. 7.

The event, co-sponsored by Clatsop Community College, is titled "Marine Studies: Jack Barth Creating New Opportunities for Students and Coastal Communities."

Doors open with food and beverage service at 6 p.m. Seasonal beers will be on tap, food and other beverages available, but no purchase is required. Minors are welcome. The Fort George Lovell Showroom is located at Duane

and 14th streets.

Just as the ocean has inspired creativity for millennia, Oregon State University's Marine Studies Initiative aims to harness people's fascination with

the sea to motivate the next generation of students and citizens.

Through collaborative, transdisciplinary programs in Corvallis and along the coast, this initiative



works to provide innovative approaches to solving

ocean-related societal challenges.

Come learn about emerging approaches for fostering coastal community resilience and bolstering local economies by understanding and preparing for changes due to natural hazards, climate change and shifting demographics.

In addition to leading the OSU initiative, Barth is also a professor of oceanography in the university's College of Earth, Ocean, and Atmospheric Sciences. He received a Ph.D. in oceanography in 1987 from the Massachusetts Institute of Technology and Woods Hole Oceanographic Institution Joint Program in Oceanography. His research seeks to understand the complex spatial structure and time variation of coastal ocean circulation and water properties, and how these influence coastal marine ecosystems.

Barth has led a number of research, technology development and ocean-observing projects off Oregon and around the world. He serves on the Oregon Ocean Policy Advisory Council's Scientific and Technical Advisory Committee, contributing to the design, implementation and evaluation of marine reserves along the Oregon Coast.



**THE ARTS** 'Scrooged in Astoria'

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DINING Mouth of the Columbia Long Beach Tavern's food, setting are well-worn

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