

Saltwater News

A Monthly Newsletter for UNH Marine Program Faculty, Staff and Students
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From the Director

It is with great sadness that we announce the passing of **Dr. Robert "Bob" Tuttle**. Bob passed away at his home on November 26 after a courageous battle with an aggressive form of kidney cancer.



Bob will be well-remembered for his love of Appledore Island and the Shoals Marine Lab. A celebration of Bob's life will take place next year at SML.

Should friends desire, memorials may be made to Shoals Marine Laboratory, c/o UNH Elliott Alumni Center, 9 Edgewood Road, Durham, NH 03824.

Marine Science Graduate Fellowships!

Approximately 8 graduate fellowships are available for next year as part of the Marine Science Fellowship Program. Please see the Marine Program web site - <http://marine.unh.edu> - for the application package and more information. The deadline for receipt of these fellowship applications is **February 1, 2005**.

Marine Program Pot-Pourri

Best Wishes for a speedy recovery go to **Larry Harris**, who has just had another surgery. It's a good thing that he only has two hips! Get well soon Larry!

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Welcome to newcomer **Ken LaValley**, who joined UNH Cooperative Extension December 1 as the new Extension Specialist, Commercial Fisheries Technology Transfer. He is a UNH graduate in Zoology and will receive his doctorate degree this December from URI. This fall Ken

held an adjunct faculty position at the New Hampshire Community Technical College in Manchester, teaching an introductory course in microbiology. Prior to that position, he worked for eight years at Spinney Creek Shellfish as director of quality assurance. In that position he conducted outreach programs for commercial shellfish fishermen. Ken's responsibilities at UNH include transferring results of cooperative research projects to fisheries managers, fishermen and other stakeholders. Ken's office is in Nesmith, Room 219 and he can be reached at 862-4343 or [Ken.LaValley@unh.edu](mailto:Ken.LaValley@unh.edu)

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If you have the opportunity to peruse a copy of "*Appledore Times*", the Shoals Marine Laboratory Newsletter, look on page 4 for a transcript of an interview with **Jon Pennock**. There is also an introductory article and interview with **William Bemis** who is scheduled to take over the directorship reins of SML beginning on June 1, 2005.

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## Marine Program Annual Holiday Social

Thanks to all of you who joined us on the 13<sup>th</sup>. It was great getting to visit with old friends and colleagues and to meet so many new people. Here are a few snapshots of the festivities.....



## Ocean Engineering Laboratory Hosts North Hampton Eighth Graders

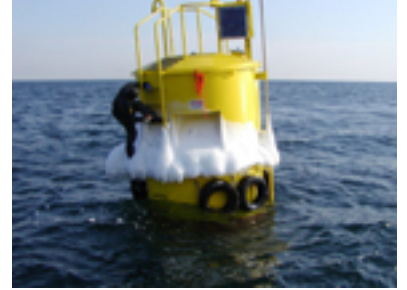
Eighth-grade students from the North Hampton School recently visited the Chase Ocean Engineering Lab to ‘test’ the results of their semester long science project in the lab’s engineering tank. The goal was to design and construct a ‘boat’ that would carry 200 pounds of weights without sinking. Based on the experience of a previous class, the students knew they had to consider buoyancy and weight distributions in their designs. Furthermore, their communication skills were tested as one team served to design a boat, develop construction plans, and another team had to do the construction based on the first team’s plans. A good dose of reality was had by all! Below are the pictures of some “vessels” which floated AND held the required weight. Assisting these future Oceanographers were **Ken Baldwin**, Director of the Center for Ocean Engineering, **Jud DeCew and Chad Turmelle**, Research Engineers in the Chase Ocean Engineering Lab, and OE graduate student **Kimberly Leung**.



## Spotlight on CINEMar - History Channel Fishes for Modern Marvels off New Hampshire Coast

To find the latest technology in deep sea aquaculture, a film crew from the History Channel went fishing off the New Hampshire coast last October. The University of New Hampshire’s Open Ocean Aquaculture (OOA) project, and its research on lobster physiology and behavior, will be featured on the network’s popular Modern Marvels series on December 22 at 10 p.m. EST. “Modern Marvels: Commercial Fishing” will trace the evolution of commercial fishing in the United States from colonial times to the present.

How do you design a fish cage that stands up to New England’s notorious Nor’easters? How do you feed fish swimming 80 feet below the surface without getting your feet wet? How do you insure the practice is environmentally friendly and economically viable? The program will explore the innovative technology developed by the OOA’s interdisciplinary team of researchers to answer questions like these as they farm cod, haddock, halibut, and blue mussels off the N.H. coast.



Lobsters also will be on the menu as the program presents techniques such as Lobster TV, which offers a window on the aggressive behavior of these feisty crustaceans. UNH researchers are using methods such as these to provide information on how to better manage New England’s lobster fishery, an integral part of the region’s cultural heritage and economy.

*UNH’s Open Ocean Aquaculture project is part of CINEMAR, the Cooperative Institute for New England Mariculture and Fisheries. A joint institute between UNH and the National Oceanic and Atmospheric Administration (NOAA), CINEMAR provides regional leadership and integration for research, development, education, and outreach to support the use, management, and preservation of New England fisheries.*

*Article and photo contributed by Dolores Leonard, CINEMAR*

***Have a Wonderful Holiday Season and A Safe and Happy New Year!***

***From the Marine Program Office  
Jon, Linda and Jenn***