

# Saltwater News

A Monthly Newsletter for UNH Marine Program Faculty, Staff and Students  
May 2006, Volume 5, Number 3

## Governor Lynch Visits Jackson Estuarine Laboratory



The afternoon of Friday, April 21 delivered a picture perfect day to show off our marine expertise to New Hampshire Governor Lynch. The governor toured Jackson Lab and Great Bay, seeing and learning about some ongoing projects and meeting the faculty and students that bring these projects to life. Picture – Top Left: **Ray Grizzle** explains his oyster research to Governor Lynch. Right Bottom: **Jonathan Pennock** and Governor Lynch discuss the state of the estuaries.



Photos courtesy of Chris Manning.

## Student News

TECH-797 Undergraduate Ocean Research Project: This year-long course encourages students to work as members of interdisciplinary project teams on contemporary ocean-related problems under the guidance of a faculty adviser. At the end of the course, participants compete in front of judges for best project. This year's winning team consists of **Laurel Gaudet, Kevin Jerram** and **Ashley Risso** with advisor **Ken Baldwin**. Their project: Acoustics Measurement Buoy. Well done team!

## Marine Program Potpourri

The Marine Program is in the process of revamping their web site to align with the UNH preferred style. Part of this endeavor will include the necessity of obtaining all new images and photos. If you have good, high resolution images that you could share with us for the site, please

contact [linda.wade@unh.edu](mailto:linda.wade@unh.edu). Each photo should have a one or two sentence description included. We will also be updating all faculty images on their individual pages. We'll contact you soon to obtain the new glamour shots.

Congratulations to **Jamie Pringle** on his wedding on May 13<sup>th</sup>! Jamie is an assistant professor in Earth Sciences in Morse Hall.

Congratulations to **Gregg Moore** and his wife Erin on the birth of their first child, a son! Grant was born on May 15, 2006. Gregg is a research scientist at the Marine Program Jackson Estuarine Laboratory.

Congratulations to **Briana Sullivan** and her husband Pete on the birth of their first child, a daughter! Cambyr Skade Sullivan was born May 10, 2006. Brianna is a research scientist at the Center for Coastal and Ocean Mapping (CCOM).

Congratulations to **Dr. Hunt Howell** and Graduate Student **Inga Potter** on their research award from the UNH Large Pelagic Research Center. Their project is titled "Distribution, Migration and Behavior of the Ocean Sunfish, *Mola mola*, in the North Atlantic".

Get Well Wishes to **Ann Reid** in the Sea Grant Office at Kingman Farm for a quick healing of her broken arm.

Condolences to **Jon Pennock** and family on the passing of his father-in-law in Maryland on May 27.

## Marine Science Graduate Fellowships

The Marine Science Graduate Fellowship competition for academic year 2006-2007 attracted many bright deserving applicants – as always more applicants than available fellowships. To date, three of the students who were offered fellowships have accepted. Incoming students are **Deborah Goodwin**, NRESS Program – advisor **Ru Morrison**; **Emily Klein**, Natural Resources – advisor **Andy Rosenberg**; and **Amanda Plagge**, NRESS Program – advisor **Doug Vandemark**. More information on our new fellows will appear on our website soon.

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## Sea Grant News

Join our Marine Docents this summer for a day cruise aboard the Marine Program's research vessel, the *R/V Gulf Challenger*. This is a great way to introduce those visiting friends and relatives to our great coastal marine world (must be over the age of 10). Find out what UNH researchers are learning about the marine and estuarine environments, and get up close and personal with coastal creatures and local history. Contact **Dari Ward** at NH Sea Grant (603-749-1565; [dari.ward@unh.edu](mailto:dari.ward@unh.edu)) to make reservations. For a copy of this year's cruise schedules, you can visit <http://www.seagrants.unh.edu/discovery.html>.

## Beyond New Hampshire

**Barbaros Celikkol, Rich Langan, Michael Chambers, Elizabeth Fairchild, David Berlinsky, and Nate Rennels** recently returned from the AQUA 2006 International Conference in Florence Italy.

Quoting *Fish Farmer Magazine* (a UK publication) 15 May, 2006 - Offshore aquaculture is likely to play an important role in meeting the Food and Agriculture Organization's targets

for global seafood production, industry experts told a packed conference. Around 300 delegates attended the Open Ocean Aquaculture session of AQUA 2006, held in Florence, Italy last week. The topic was just one of many up for discussion at the four-day conference and trade show, which was held by the World Aquaculture Society and European Aquaculture Society.

**Dr Richard Langan** of the University of New Hampshire outlined its Open Ocean Aquaculture project, which has farmed summer flounder, Atlantic halibut, Atlantic cod and haddock offshore. He said the university's researchers believe halibut and cod are the species most likely to thrive in these conditions. Dr Langan described the main challenges the project has overcome - including transfer issues, the need for innovative technology and the extreme weather conditions. He concluded by saying that open offshore aquaculture will be a technology driven enterprise, adding that the industry may learn from models used by the oil and gas industry."

**Elizabeth Fairchild** co-chaired the Stock Enhancement session and presented 2 papers co-authored by **Hunt**

**Howell, Nate Rennels, and Suzie Biron** (former MS student of Hunt's) entitled "The use of acclimation cages at the release site: implications for winter flounder stock enhancement" and "Using telemetry to understand cultured and wild juvenile winter flounder movements and habitat use."

These papers reflected some of the recent research done by the **UNH SCORE (Science Consortium for Ocean Replenishment and Enhancement) group**. SCORE is a science-based approach to stocking hatchery-reared marine organisms to help rebuild depleted marine fisheries (marine fisheries enhancement). SCORE scientists are conducting research to resolve critical uncertainties about the effectiveness of culture based marine enhancement as a fishery management tool. Currently SCORE partners include UNH, Mote Marine Laboratory (Sarasota, FL), Gulf Coast Research Labs (University of Southern Mississippi), and NMFS Manchester Lab (WA). At UNH we have been investigating the feasibility of stocking winter flounder (*Pseudopleuronectes americanus*) through a multidimensional research program designed to produce large numbers of high quality juveniles at the CML, to optimize release strategies, and to understand how habitat attributes affect the movement of juvenile winter flounder.

For more information on the UNH SCORE, go to: [http://www.cinemar.unh.edu/fisheries/stock\\_enhancement/index.html](http://www.cinemar.unh.edu/fisheries/stock_enhancement/index.html).

## Rich Langan Testifies Before Congressional Offshore Aquaculture Hearing

**Rich Langan**, upon invitation from Subcommittee Chair U.S. Senator John Sununu, testified before the U.S. Senate Commerce Committee's National Ocean Policy Study Subcommittee during its Offshore Aquaculture Hearing in Washington on April 6. This hearing was held to examine current proposals to regulate offshore aquaculture operations, discuss research in this field being conducted off the coasts of New England and Hawaii, and explore the potential impact of expanded aquaculture operations on fishermen, seafood processors, and consumers.

This information and much, much more is available in a Media Advisory that can be found at: [http://www.unh.edu/news/news\\_releases/2006/april/dl\\_06\\_0403langan.html](http://www.unh.edu/news/news_releases/2006/april/dl_06_0403langan.html).

