



NEW HAMPSHIRE SEA GRANT

2014-15 Research Projects



The guiding philosophy for N.H. Sea Grant is to serve the state and region by funding innovative and cutting-edge research integrated with expert extension, outreach and education to support dialog and science-based decision-making in areas of particular importance to our region.

N.H. Sea Grant is funding six UNH-based projects during 2014-2015 in our focus areas of Environmental Literacy and Workforce Development, Healthy Coastal Ecosystems, Resilient Communities and Economies, and Sustainable Fisheries and Aquaculture.

Gene expression during development of clam leukemia

Charles Walker, Cellular and Biomedical Sciences (charles.walker@unh.edu, 603.862.2111); Michael Lesser, Biological Sciences; and Kenneth La Valley, Cooperative Extension

What happens to the nutrients that have accumulated in the sediments of the Great Bay?

Linda Kalnejais, Earth Sciences (linda.kalnejais@unh.edu, 603.862.1008); Diane Foster, Mechanical Engineering; and Thomas Lippmann, Coastal and Ocean Mapping

Analysis and communications of flood damage cost avoidance in the Lamprey River Watershed of N.H.

Cameron Wake, Climatology and Glaciology (cameron.wake@unh.edu, 603.862.2329) and Robert Roseen, Geosyntec Consultants

Identification of endemic lineages of *Vibrio parahaemolyticus* causing regional outbreaks and their occurrence in N.H. shellfish waters

Cheryl Whistler, Molecular, Cellular and Biomedical Sciences (cheryl.whistler@unh.edu, 603.862.2359) and Vaughn Cooper, Microbiology and Genetics

Diversifying the New England sea vegetable aquaculture industry

Chris Neefus, Biological Sciences (chris.neefus@unh.edu, 603.862.1990)

Climate adaptation for road infrastructure in coastal N.H.

Jo Sias Daniel, Civil Engineering (jo.daniel@unh.edu, 603.862.3277); Jennifer Jacobs, Civil Engineering; and Paul Kirshen, Civil Engineering

Recognizing that some issues are best addressed at the regional scale, the Northeast Sea Grant Consortium (the Sea Grant programs in New York, Connecticut, Rhode Island, MIT, Woods Hole, New Hampshire and Maine) is funding three regional projects during 2014-2015 that focus on social science research in the focus areas of Resilient Communities and Economies and Healthy Coastal Ecosystems.

Buy out or build back? A comparative assessment of approaches to employing public funding to vulnerable coastal properties in the Northeastern U.S.

Porter Hoagland, WHOI; John Duff, UMass. at Boston; Di Jin, WHOI; and Hauke Kite-Powell, WHOI

Coastal hazards and Northeast housing values

Robert Johnston, Clark Univ.; Klaus Moeltner, Virginia Polytechnic Institute; Christine Blinn, VPI; and Christine Feurt, Wells National Estuarine Research Reserve

Social and ecological factors influencing shoreline hardening in the Northeast

Jonathan Grabowski and Matthias Ruth, Northeastern Univ.

www.seagrant.unh.edu/researchprojects

