

Graduate Faculty

(Correct as of May 2022)

Robert C. Bayer, Ph.D. (Michigan State), Professor. The Lobster Institute, School of Food and Agriculture. Lobster fisheries and aquaculture nutrition, management and physiology.

Brian F. Beal, Ph.D. (University of Maine), Professor. University of Maine at Machias. Shellfish aquaculture, estuarine biology, marine benthic ecology, and experimental design.

Kathleen P. Bell, Ph.D. (University of Maryland), Professor, School of Economics. Environmental and natural resources economics, spatial modeling and analysis, human-environment interactions, and marine policy.

Tim J. Bowden, Ph.D. (University of Aberdeen, UK), Associate Professor, School of Food and Agriculture. Aquatic animal health, environmental impacts on animals, seasonality and circadian impacts.

Deborah A. Bouchard, Ph.D. (University of Maine), Assistant Extension Professor, University of Maine Cooperative Extension. Aquatic animal health specialist.

Damian C. Brady, Ph.D. (University of Delaware), Associate Professor, School of Marine Sciences. Spatial and temporal dynamics of water quality and organism behavior.

Ian R. Bricknell, Ph.D. (University of Lancaster, UK), Professor. School of Marine Sciences. Aquatic animal health, especially parasites such as sea lice.

Laurie Connell, Ph.D. (University of North Carolina), Research Professor, School of Marine Sciences, Marine algae, shellfish toxins and shellfish health.

Chris Davis, Ph.D. (University of Maine), Maine Aquaculture Innovation Center; Adjunct Assistant Professor, School of Marine Sciences, shellfish biology, aquaculture.

Keith S. Evans, Ph.D. (Iowa State University). Associate Professor. School of Economics and School of Marine Sciences. Marine resource economics, marine development, non-market valuation, and marine policy.

Heather Hamlin, Ph.D. (University of Maine). Professor. School of Marine Sciences. Reproductive biology and endocrinology of aquacultured animals.

Kim Huguenard Ph.D. (University of Florida). Associate Professor of Civil and Environmental Engineering. Coastal and ocean engineering, estuarine hydrodynamics, nearshore processes, turbulence and mixing, including aquaculture engineering.

Sue Ishaq, Ph.D. (University of Maine), Assistant Professor of Animal and Veterinary Sciences, School of Food and Agriculture. Animal microbiomes.

Heather Leslie, Ph.D. (Oregon State University). Professor and Director of the University of Maine's marine laboratory, Darling Marine Center. Drivers of ecological and social processes in marine systems, and how to more effectively connect science to policy and management.

Anne Lichtenwalner, Ph.D. (University of Idaho), DVM (Oregon State University), Associate Professor. School of Food and Agriculture. Extension Veterinarian and Director, University of Maine Veterinary Diagnostic Laboratory. Animal health and animal disease surveillance.

Jean MacRae Ph.D. (University of British Columbia Vancouver, B.C., Canada). University of British Columbia Vancouver, B.C., Canada. Research interests include microbial processes that affect pollutant and nutrient cycling, sustainability issues and access to water and sanitation in the developing world.

Caroline Noblet, Ph.D. (University of Maine), Associate Professor. School of Economics. Consumer choice, sustainable behavior, labeling.

Lewis (Brian) Perkins, Ph.D. (University of Maine), Laboratory Director and Assistant Research Professor. School of Food and Agriculture. Analytical method development for bioactive compounds, naturally occurring toxins and pesticide residues in food and environmental matrices.

Jen Perry Ph.D. The Ohio State University. Associate Professor of Food Microbiology. Investigation of the effect of probiotic supplementation and dietary modulation on the composition of the bacterial and fungal communities in the GI tract, evaluation of differences in genomic and transcriptomic profiles.

Brian Peterson, Ph.D. Center Director, The National Cold Water Marine Aquaculture Center, USDA, Franklin, Maine. Research program areas address: Genetic Improvement, Growth and Development, Health, and Sustainable Production Systems for Atlantic salmon and for cold water marine finfish species.

Paul D. Rawson, Ph.D. (University of South Carolina), Professor of Marine Science. School of Marine Science. Ecological genetics of marine invertebrates and marine bivalve aquaculture.

Laura Rickard Ph.D. Associate Professor, Department of Communication and Journalism. Communication in the context of science, health, environmental, and risk-based issues, with a strong focus on aquaculture and working waterfronts.

Denise I. Skonberg, Ph.D. (University of Washington), Professor. School of Food and Agriculture. Seafood by-product utilization, seafood processing, quality evaluation of aquaculture products.

Joshua Stoll, Ph.D. (University of Maine), Assistant Professor, School of Marine Sciences. Ocean governance, fisheries and aquaculture policy, social-ecological systems.

Peter Van Walsum, Ph.D. (Dartmouth College), Professor. Department of Chemical and Biomedical Engineering. Seaweed processing, process engineering

Gayle Zydlewski, Ph.D. (University of Maine), Associate Professor, School of Marine Sciences. Environmental impact on behavior, population dynamics and physiology.

External Graduate Faculty

Carrie J. Byron, Ph.D. (University of Rhode Island), Assistant Professor. Department of Marine Science. University of New England. Food web ecology, trophic dynamics and carrying capacity of ocean foods production.

Barry A. Costa-Pierce, Ph.D. (University of Hawaii), Henry L. & Grace Doherty Professor, Chair of Marine Sciences, and Director of Marine Science Center - University of New England. Ecological aquaculture, detritus and food web trophic dynamics, social ecology of aquaculture and fisheries systems.

Joseph Zydlewski, Ph.D. (University of Massachusetts), Assistant Unit Leader-Fisheries U.S. Geological Survey, Maine Cooperative Fish and Wildlife Research Unit, Ecology & Environmental Science. Migratory behavior, ecology and physiology of fishes.