UMaine Graduate Faculty affiliated with the Aquaculture & Aquatic Resources Graduate Program

(Correct as of February 2023)

Robert Bayer, Ph.D. (Michigan State), Professor. School of Food and Agriculture. Lobster fisheries and aquaculture nutrition, management and physiology. (rbayer@maine.edu)

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

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Heather Hamlin, Ph.D. (University of Florida). Professor. School of Marine Sciences Reproductive biology and endocrinology of aquacultured animals. (heather.hamlin@maine.edu)

Fish and shellfish nutrition, microencapsulation and feed technology.
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Sue Ishaq, Ph.D. (University of Vermont), Assistant Professor of Animal and Veterinary Sciences, School of Food and Agriculture. Animal microbiomes.
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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. (heather.leslie@maine.edu)

Jean MacRae Ph.D. (University of British Columbia Vancouver, B.C., Canada). Associate Professor. Civil and Environmental Engineering (CIE). Aquaculture waste management, and nutrient recovery; testing methods. (jean.macrae@maine.edu)

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

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Affiliated 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. (cbyron@une.edu)

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. (brian.peterson@usda.gov)