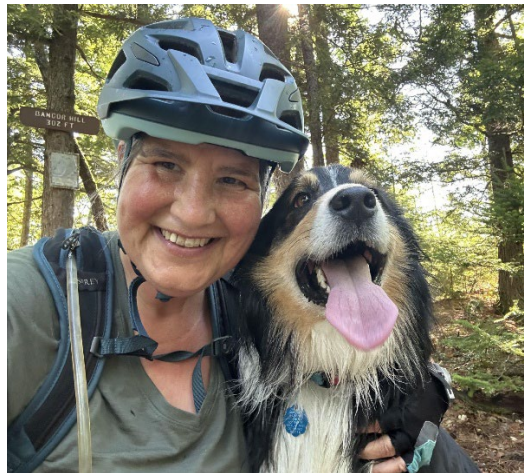


Department of Biochemistry and Molecular Biophysics Seminar

Wednesday, November 4 at 4:00 p.m. in Ackert 120

Coffee and cookies at 3:45 p.m. in Chalmers 168



Dr. Clarissa Henry

Professor, School of Biology and Ecology, and Director of the
Graduate School of Biomedical Science and Engineering,
University of Maine

Zebrafish models of muscle disease

We aim to understand how dynamic interactions between muscle cells and their extracellular matrix mediate morphogenesis, and how disruption of cell-matrix interactions leads to disease states. Aberrant cell-matrix interactions cause or exacerbate many musculoskeletal disorders such as myopathies, tendonitis, traumatic muscle injuries, arthritis, and sarcopenia. The Henry lab primarily focuses on how signaling between muscle cells and their extracellular matrix mediates musculoskeletal development and homeostasis with the long term goal of discovering new approaches for treatment of neuromuscular diseases.