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Department of Marine Sciences
Presents a Seminar by

Jon Puritz

University of Rhode Island, Biological Sciences

Coastal pollution, next-generation sequencing, and the evolution of marine populations

My research program uses genomic analyses to investigate how natural and anthropogenic processes impact the evolution of marine populations through the lens of larval dispersal. I combine laboratory multi-stressor larval exposure experiments with genomic surveys of natural populations, analyzing patterns of selection and migration in a geographic context using landscape (or seascape) genomic models. A secondary goal of my research is the development of laboratory and bioinformatic methods to facilitate the use of next-generation sequencing in marine population genomics. I work on a variety of marine species, including sea stars, crabs, oysters, and sharks.

Host: Catherine Matassa

Time & Date: 11:00 am, Friday, December 14, 2018

Place: Marine Sciences Building, Seminar Room 103

If you are an individual with a disability and need accommodations, please contact 860-405-9152, 860-405-9087, or marinesciencesseminars@uconn.edu.

For cancelations and additional seminar information, please see <https://marinesciences.uconn.edu/seminar/seminar1188/>.