

UConn

UNIVERSITY OF CONNECTICUT

Department of Marine Sciences
Presents a Seminar by

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The genomics of adaptation in killifishes (*Fundulus*)

Understanding how and when organisms will adapt to new environments is a core goal of evolutionary biology and critical to predicting anthropogenic impacts on earth's biota. I will present data from two projects I am working on that fit this theme. The first is a study of adaptation by the Atlantic killifish, *Fundulus heteroclitus*, to extremely polluted environments on the East coast of the United States. The second is a study of the genomic underpinnings of variable osmotic tolerance across the genus *Fundulus*, which has transitioned several times between marine and fresh environments.

Host: Hannes Baumann

Time & Date: 11:00 am, Friday, September 22, 2017

Place: Marine Sciences Building, Seminar Room 103