

The Mullineaux Lab: Student Projects



Barnstable Harbor, MA, salt marsh at low tide

Connectivity of Soft-Shell Clam Populations

[Carly Strasser](#) investigated population connectivity in soft-shell clams, using environmentally-occurring trace elements retained in the larval shell as tags of their natal habitat.

Hydrodynamics and Larval Supply at Vents



Deployment of a time-series sediment trap mooring for larval collections at the East Pacific Rise, 9°N (Stace Beaulieu)

[Diane Adams' research](#) focused on characterizing temporal and spatial variability in larval supply to deep-sea hydrothermal vents on the East Pacific Rise.



Swimming *Ilyanassa obsoleta* larvae (Heidi Fuchs)

Behavior and Settlement of Gastropod Larvae in Turbulence

The motivation of [Heidi Fuchs' thesis research](#) was to understand how biophysical coupling between turbulence and settlement behavior affects the supply of gastropod larvae to coastal populations.



Fiddler crab, *Uca pugnax* (Lara Gulmann)

Role of Digestive Symbionts in the Marsh Fiddler Crab

[Lara Gulmann](#) studied the association between fiddler crabs (*Uca pugnax*) and their resident gut-associated microbes.

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