Summer Opportunities for Undergraduate Research Experience in Coastal Fish Ecology

We seek 1–2 highly motivated undergraduates to volunteer on two exciting research opportunities in coastal and estuarine fish ecology in northeastern Massachusetts.

**Fish Community Ecology**

- Sampling coastal river fish using a variety of fish capture techniques including electrofishing
- GIS & habitat surveys
- Community ecology problem solving

**Striped Bass Ecology**

- Tagging and tracking striped bass using acoustic technology
- Fish habitat surveys
- Stomach pumping for diet analyses

**Do human and beaver dams have different impacts on fish communities?**

![Beaver dam](image1.jpg) ![No dam](image2.jpg)

**Where do striped bass feed and why?**

![Striped bass](image3.jpg)

**What we seek:**

- A summer volunteer who lives on the North Shore of MA and is able to commute to Plum Island Estuary (Ipswich/Rowley/Byfield)
- Someone with a strong interest in ecology and who plans to apply to graduate school

**How to apply:**

Contact: Dr. Martha Mather
413-545-4895, mather@nrc.umass.edu

**What you get:**

- Field research experience
- 3 credit independent study through UMASS-Amherst
- Earning credits & gaining valuable experience while outside all summer in a beautiful place!

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