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Department of Marine Sciences  
Presents a Seminar by

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Stockton University

## **New Jersey Coastal Bay Oysters: Restoration and Ecosystem Services**

Restoration and management efforts for Eastern oysters (*Crassostrea virginica*) in New Jersey have historically been focused on the Delaware Bay with less efforts on the Atlantic coast and coastal bays. In 2016, Stockton University, with the support of local partners, created a subtidal oyster restoration project in the lower portion of Barnegat Bay/Little Egg Harbor. Oysters were planted annually from 2017-2020 to cover approximately 0.7 acres of a 4-acre lease, making it the largest oyster reef in Barnegat Bay to date. The planted areas were monitored from 2019-2020 to connect oyster size and density to ecosystem services such as water filtration and habitat improvement. This presentation will cover the restoration process in Barnegat Bay, present some of the monitoring data and talk about a long-term study to connect oyster spatfall and larval availability in the Mullica River estuary.

**Host:** Zosia Baumann

**Time & Date:** 11:00 am, Friday, September 17, 2021

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