

# RESEARCH AT THE RESERVE

131 WAQUOIT HIGHWAY, WAQUOIT (E. FALMOUTH)  
TUESDAY EVENINGS IN APRIL  
6:30PM - 8:00PM

WAQUOIT BAY  
RESERVE VISITOR  
CENTER

COFFEE HOUSE  
SERIES

Join us for an informal evening learning about innovative research happening around Waquoit Bay.

Each week you will learn from a different scientist about how they do their research, what they are discovering, and how it applies to today's issues.

*Coffee & dessert provided.*



## WHAT CAN TEA BAGS IN SALT MARSHES TELL US ABOUT CLIMATE CHANGE?

Tuesday, April 2

What do tea bags, seasonal variations in plants, and gas measurements in plexiglass chambers tell us about the role of salt marshes in climate change? It turns out, a lot. Join us to hear about the work of Dr. Tang concerning carbon fixation in the salt marshes at South Cape Beach.

**Dr. Jim Tang, Associate Scientist, The Ecosystems Center, Marine Biological Laboratory**



## MARSHES, MOSQUITOS & SEA LEVEL RISE

Tuesday, April 9

What's the effect of ditches that were dug decades ago in 90% of the region's salt marshes? Researchers are studying this question at South Cape Beach as resource managers balance human health needs and the continuation of valuable services provided by healthy salt marshes

**Sheron Luk, Ph.D. Candidate MIT/WHOI Joint Program**



## A CLOSER LOOK AT THE PHYTOPLANKTON IN WAQUOIT BAY

Tuesday, April 16

Phytoplankton are the base of all aquatic food-webs. Recent research in Waquoit Bay examined how phytoplankton species and their abundance varied throughout the year and various locations throughout the Bay. Come learn about the diverse range of microscopic organisms that live within every drop of water in Waquoit Bay and what they have to tell us about water quality.

**Nicole Millette, Post Doctoral Fellow, Biology, Woods Hole Oceanographic Institution**



## COEXISTING WITH WILDLIFE - CAPE COD RABIES PROGRAM

Tuesday, April 23

Wildlife biologists from the Cape Cod Rabies Program have instituted a rabies vaccination program for raccoons, foxes, coyotes, and other rabies carriers on Cape Cod including within Waquoit Bay Reserve lands. Learn about the history of rabies on Cape Cod and how scientists are studying its extent and how to protect human health.

**Brian M. Bjorklund, Wildlife/Rabies Biologist, Cape Cod Rabies Program Coordinator, USDA-APHIS-Wildlife Services**

Doors open at 6:00PM. There is no charge for the series, table seating is limited and available on a first-come, first-served basis.

For additional information please contact Joan Muller at [joan.muller@state.ma.us](mailto:joan.muller@state.ma.us) or visit our website at [www.waquoitbayreserve.org](http://www.waquoitbayreserve.org).

### Co-Sponsors

Waquoit Bay National Estuarine Research Reserve  
Friends of the Waquoit Bay Reserve  
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