

Nantucket Microplastic Symposium

July 6th, 2022- July 7th, 2022

Free and Open to the Public

Hosted by the Nantucket Field Station

Attend in person or remotely for an overview of microplastic research on Nantucket.

“Microplastics Around Nantucket”

A talk by Professor Juanita Urban-Rich of UMass Boston, School for the Environment.

Wednesday July 6th, 2022, 7:00PM, Nantucket Atheneum Great Hall

Microplastics, plastic less than 5 mm in its biggest dimension, is everywhere.

The question we had was how much was here already on Nantucket and what type? What is the island’s baseline?

In 2019, we began sampling the beaches and intertidal waters in Nantucket Harbor, Madaket Harbor and Surfside beach. We examined oysters, bay scallops and seal scat to see if it was making it into food webs. Then in 2021 we began looking how much was deposited from the air, we all breathe. The aim was to learn what’s there and what might be affecting the distribution. We will present some of this data and what we have learned about its distribution on Nantucket Island and discuss some of the remaining questions such as what impact is it having? And what are we doing?

Attend the talk in person (masks are required) or [remotely on zoom](#) (to watch the webinar please register).

Microplastic Poster Session

Circulate and discuss aspects of our understanding of the microplastic found on Nantucket with various presenters.

Thursday July 7th, 2022, 11:00AM-1:00PM

Nantucket Community School, 56 Centre Street,
Garden and Covered Porch

Details of the Nantucket Microplastic Baseline project will be on display to read and presenters will be available to speak with. Topics include but are not limited to microplastics in:

Coastal Water

Shellfish

Seal Diet

Beach Sand

Atmospheric Collections

Human Perceptions



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