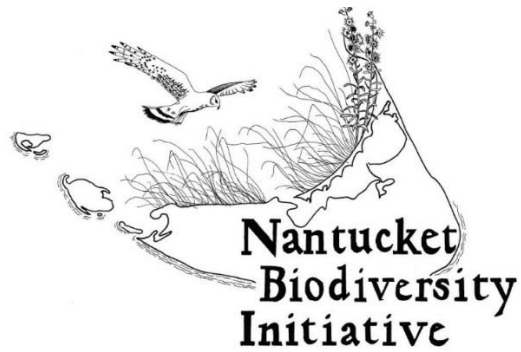


# Who's Your Scientist?

Please Join the Nantucket  
Biodiversity Initiative for a Citizen  
Science Weekend:



September 28-30, 2018

Learn about research being conducted on Nantucket by local scientists  
and how you can be involved! Members of the public are invited to participate!

## Friday, September 28th:

- 8:00 - 10:00 am:** **Green Crab Sampling with Emily Molden** (Resource Ecologist, Nantucket Land Council) **and Dr. Emily Goldstein-Murphy** (Director of Natural Science, Maria Mitchell Association)
- 10:00 - 11:30 am:** **Invasive Tunicate Detection and Identification with Mary Carman** (Woods Hole Oceanographic Institution) **and Cristina Kennedy** (MA Coastal Zone Management)
- 12:30 - 2:00 pm:** **Plant Phenology Workshop with Dr. Sarah Bois** (Director of Research & Education, Linda Loring Nature Foundation) **and Seth Engelbourg** (Naturalist Educator & Program Manager, Linda Loring Nature Foundation)
- 2:00 - 3:30 pm:** **Madequecham "Wildflowers and Weeds" Walk with Kelly Omand** (Ecologist and Field Supervisor, Nantucket Conservation Foundation)
- 4:30 - 6:30 pm:** **Meet and Greet with the Scientists - Cisco Brewery**  
Casual gathering for conversations and good cheer
- 7:00 - 9:00 pm:** **Bat Encounters with Danielle O'Dell** (Ecologist & Field Supervisor, Nantucket Conservation Foundation)

## Saturday, September 29th:

- 6:00 - 10:00 am:** **Songbird Banding**
- 9:30 - 11:30 am:** **Oyster Reef Restoration and Shellfish Hatchery Exploration with Tara Riley** (Shellfish Biologist, Town of Nantucket) **and Leah Cabral** (Assistant Biologist, Town of Nantucket)
- 1:00 - 3:00 pm:** **Fire Ecology & Restoration with Rachael Freeman** (Environmental Coordinator, Nantucket Land Bank) **and Jeff Pollock** (Property Foreman, Nantucket Land Bank)
- 6:30 - 8:30 pm:** **Keynote speaker at the Nantucket Atheneum Great Hall**  
*Presentation by Shaun McCoshum: "Small Scale Pollinator Conservation: Measuring Success and Plugging into the Landscape"*

## Sunday, September 30th:

- 7:00 - 9:00 am:** **Bird Walk**
- 9:30 - 11:30 am:** **Environmental Monitoring with UAVs with Seth Engelbourg** (Naturalist Educator & Program Manager, Linda Loring Nature Foundation)
- 1:00- 3:00 pm:** **Pollinators in Action with Keynote Speaker Shaun McCoshum and Emily Molden** (Resource Ecologist, Nantucket Land Council)

**Admission is free to all events!**

For registration information and event locations, please see the  
Nantucket Biodiversity Initiative website, [www.nantucketbiodiversity.org](http://www.nantucketbiodiversity.org)



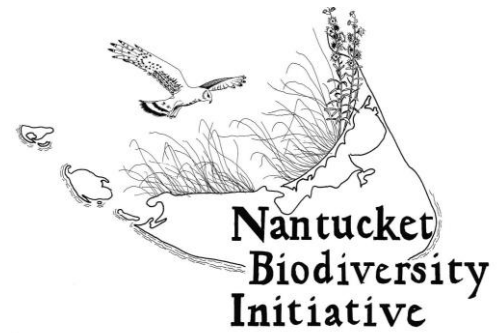
*Special thanks to  
ReMain Nantucket for  
their support of this  
event.*

*The Nantucket Biodiversity Initiative is a partnership  
between local conservation organizations, agencies  
and individuals. Its mission is to conserve the native  
biodiversity of Nantucket through collaborative  
research, monitoring, and education.*

# NBI Citizen Science Weekend

## Schedule of Events: September 28-30, 2018

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Admission is free to all events!

Online registration is required:

[www.nantucketbiodiversity.org](http://www.nantucketbiodiversity.org)

### Friday, Sept 28th

**8:00 - 10:00 am: Green Crab Sampling with Emily Molden**, Resource Ecologist, Nantucket Land Council **and Dr. Emily Goldstein-Murphy**, Director of Natural Science, Maria Mitchell Association. Join Emily and Emily while they sort through a trap of crabs, identify crab species from Nantucket Harbor, and learn about their ongoing research into invasive European Green Crabs and how they may be impacting our marine ecosystems.

**10:00 – 11:30 am: Invasive Tunicate Detection and Identification with Mary Carmen**, Woods Hole Oceanographic Institute **and Cristina Kennedy**, MA Coastal Zone Management. Join Mary and Cristina, visiting researchers and tunicate specialists, to learn how to find, identify, and report the presence of these marine nuisance species.

**12:30 – 2:00 pm: Plant Phenology Workshop with Dr. Sarah Bois**, Director of Research & Education, Linda Loring Nature Foundation **and Seth Engelbourg**, Naturalist Educator & Program Manager, Linda Loring Nature Foundation. Join Sarah and Seth as they introduce you to the important world of plant phenology and their ongoing climate research as you tour the Linda Loring Nature Foundation property.

**2:00 – 3:30 pm: Wildflowers and Weeds with Kelly Omand**, Ecologist and Field Supervisor, Nantucket Conservation Foundation. Join Kelly for an exploration of the wetland systems, coastal heathlands, and forest in Madequecham and explore how the dynamic of both native and invasive species impact these ecosystems.

**4:30 - 6:30 pm: Meet and Greet with the Scientists – Cisco Brewery**

Join your NBI hosts and scientists for a casual gathering of conversations and good cheer.

**7:00 - 9:00 pm: Bat Encounters with Danielle O'Dell**, Ecologist & Field Supervisor, Nantucket Conservation Foundation. Join Danielle as she introduces you to the world of bats. Learn what has caused drastic declines in some species, and why Nantucket may be an important refuge for these little mammals.

### Saturday, Sept 29th

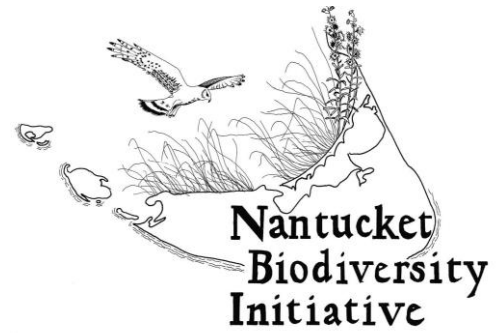
**6:00 - 10:00 am: Bird Banding**

Join local bird experts for a banding demonstration at the former banding station of Edith Andrews (Maria Mitchell Association Ornithologist Emeritus) near Madaket. *Attendees can stop by anytime during the 4 hour period. Specific location details will be provided upon registration.*

# NBI Citizen Science Weekend

## Schedule of Events: September 28-30, 2018

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Admission is free to all events!  
Online registration is required:  
[www.nantucketbiodiversityinitiative.org](http://www.nantucketbiodiversityinitiative.org)

### Saturday, Sept 29<sup>th</sup> continued:

**9:30 – 11:30 am: Oyster Reef Restoration and Shellfish Hatchery Tour with Tara Riley**, Shellfish Biologist for the Town of Nantucket, **and Leah Cabral**, Assistant Biologist for the Town of Nantucket. Join Tara and Leah for an explanation of the Town's Oyster Reef Restoration Project, including why and how, and for a tour of the Town's state of the art Shellfish Hatchery at Brant Point.

**1:00 - 3:00 pm: Fire Ecology & Restoration with Rachael Freeman**, Environmental Coordinator, Nantucket Land Bank **and Jeff Pollack**, Property Foreman, Nantucket Land Bank. Join Rachael and Jeff on an exploration of Nantucket's rare sandplain grassland habitats and learn about how FIRE is used as a critical management tool to sustain them.

**6:30 - 8:30 pm: Keynote speaker at the Nantucket Atheneum Great Hall**  
*Presentation by Shaun McCoshum: "Small Scale Pollinator Conservation: Measuring Success and Plugging into the Landscape"*

### Sunday, Sept 30<sup>th</sup>

#### **7:00 - 9:00 am: Bird Walk**

Late September is an excellent time to observe birds on Nantucket. Join local bird experts to look for the latest interesting sightings of both land birds and shorebirds. Birding locations will be determined based on recent reports and observations. *Attendees will be carpooling; meeting site details will be provided upon registration.*

**9:30 - 11:30 am: Environmental Monitoring with UAVs with Seth Engelbourg**, Naturalist Educator & Program Manager, Linda Loring Nature Foundation. Join Seth as he demonstrates and explains the dynamics and intricacies of using drones for environmental monitoring and research.

**1:00- 3:00 pm: Pollinators in Action with NBI Keynote Speaker Shaun McCoshum and Emily Molden**, Resource Ecologist, Nantucket Land Council. Join Shaun and Emily for a walk through pollinator habitat to identify and discuss some of the busiest insects among us. Find out how to tag the majestic monarch butterflies on their long migration south, and how to attract more of these wonderful bugs to your own backyard.