



Join us for a weekend of tours, educational programs, children's activities, local food, and live music as we celebrate the people - faculty, scientists, and alumni - who have given the Marine Lab life, impacting and improving the worlds' knowledge of marine life for over seven decades. With this schedule, you may customize a fantastic weekend for everyone in the family!

Fees: Regular Registration = \$50 Young Alumni (Class of 2000 -09) = \$25 Kids (<=12) and Duke Students = No registration fee; Otherwise, the only other fees are associated with boat tours and meals and included in the descriptions below.

Friday, May 7

3:30 – 6:00 pm

Registration & Check-in

Back Deck of Dining Hall

Receive your registration packets and sign up for all tours and activities.

3:30 – 5:00 pm

“The Other Door”

Cash Bar, Back Deck of Dining Hall

A place to kick back and relax with friends, students, and faculty

4:00 – 6:00 pm

Kids' Quad

Student Center

Kids are the focus for a variety of fun, marine-focused activities, including arts and crafts, lawn games and movies.

Children 12 and under (must be potty trained) can hang out and play, supervised, while parents take part in other reunion activities.

4:00 – 6:00 pm

Land Tours

Depart every 30 minutes from Registration Area (last departure at 5:30 pm). Tours limited to 10 guests each.

- 1. Climb aboard the Research Vessel Cape Hatteras**, the 135-foot oceanographic research vessel owned by the National Science Foundation, which draws scientists from all over the world to the Duke Marine Lab to pursue cutting edge marine research.

2. **Explore a Molecular Laboratory**, where groundbreaking advances are being made every day by Duke scientists and students using forensic and genetic tools to study deep-sea organisms living under the extreme conditions found at underwater volcanoes.

4:00 – 6:00 pm

Boat Tour: Rachel Carson Estuarine Reserve

Depart from Registration Area (4:00 pm and 4:40 pm departures) Note: Passengers must be at least six years of age; all children must be accompanied by an adult. Passengers weighing less than 90 pounds must bring their own personal flotation device. *Limited to 15 guests each. \$5 per person.*

Set sail on the *R/V Crandall* to this extraordinarily diverse reserve, where habitats such as tidal flats, flooded salt marshes, ocean beaches and maritime forests are home to more than 200 species of birds, feral horses, river otters, gray foxes and marsh rabbits. In the deeper waters around the islands, perhaps you'll catch a glimpse of a bottlenose dolphin!

4:00 – 6:00 pm

Boat Tour: Shackelford Banks

Depart from Registration Area (4:00 pm departure only) Note: Passengers must be at least six years of age; all children must be accompanied by an adult. Passengers weighing less than 90 pounds must bring their own personal flotation device to wear while outside the cabin. *Limited to 39 guests. \$5 per person.*

Voyage aboard the *R/V Susan Hudson* to view the unspoiled beauty of Shackelford Banks, a barrier island that is home to a herd of wild horses, a nesting area for loggerhead turtles, and a habitat for a variety of marine and coastal species. Your faculty leader is **Orrin Pilkey, James B. Duke Professor Emeritus of Geology**.

4:00 – 6:00 pm

Croquet and Volleyball

On Pivers Island Point

Come join a game!

6:00 – 8:00 pm

Welcome Reception and Dinner

Dining Hall

Join us for a traditional **Down East Pig Pickin'**! Spend time with old friends, make new ones, and mingle with faculty and staff as we take a walk down the Marine Lab's memory lane. *Adults: \$30; Kids 6-12: \$15; Kids < 6: free.*

9:00 – 10:00 pm

Night Walk

Depart from the Swim Dock via Carolina Skiff

Join Marine Lab faculty on these guided walks and see how marine life comes alive when the sun goes down. Includes boat crossing and walking on uneven terrain at night. *Limited to 18 guests. \$5 per person.*

**After Dinner Suggestion: The Beaufort Music Festival takes place this weekend, so you may want to head downtown for more entertainment.*

Saturday, May 8

8:30 am

Registration and Check-in

Back Deck of Dining Hall

8:30 – 9:30 am

Continental Breakfast

Dining Hall; Adults: \$10; Kids 6-12: \$5; Kids < 6: free

9:30 – 11:30 am

Kids' Quad

Student Center

Kids are the focus for a variety of fun, marine-focused activities, including arts and crafts, lawn games and movies. Children 12 and under (must be potty trained) can hang out and play, supervised, while parents take part in other reunion activities.

9:30 – 11:30 am

Land Tours

Depart every 30 minutes from Registration Area (last departure 11:00 am). Tours limited to 10 guests each.

1. **Tour of the Marine Lab Campus**, including the research buildings, student quad, boathouse and classrooms. Whether it's your first visit to Pivers Island – or your first time back in a while – you're sure to learn something new about this extraordinary place.
2. **Environmental Shoreline and Clean Marina**. View a naturalized shoreline that not only provides habitat for local flora and fauna but provides protection from erosion as well as a demonstration project providing fresh food and herbs utilizing composting materials from the dining hall. The Clean Marina program is designed to show that marina operators can help safeguard the environment by using management and operations techniques that go above and beyond regulatory requirements. The Marine Lab is a Clean Marina.

9:30 – 11:30 am

Boat Tour: Rachel Carson Estuarine Reserve

Depart from Registration Area (9:30 am and 10:10 am departures) Note: Passengers must be at least six years of age; all children must be accompanied by an adult. Passengers weighing less than 90 pounds must bring their own personal flotation device. *Limited to 15 guests each. \$5 per person.*

Set sail on the *R/V Crandall* to this extraordinarily diverse reserve, where habitats such as tidal flats, flooded salt marshes, ocean beaches and maritime forests are home to more than 200 species of birds, feral horses, river otters, gray foxes and marsh rabbits. In the deeper waters around the islands, perhaps you'll catch a glimpse of a bottlenose dolphin!

9:30 – 11:30 am

Boat Tour: Dolphin Watch

Depart from Registration Area (9:30 am departure only) Note: Passengers must be at least six years of age; all children must be accompanied by an adult. Passengers weighing less than 90 pounds must bring their own personal flotation device to wear while outside the cabin. *Limited to 39 guests. \$5 per person.*

All aboard the *R/V Susan Hudson* as we head out in search of bottlenose dolphins. Have your cameras ready!

9:30 – 11:30 am

Croquet and Volleyball. Come join a game!

On Pivers Island Point

Come join a game!

9:30 – 11:30 am

Coffee Bar

Dining Hall, Cash

Mingle with friends, faculty, and students

9:30 – 10:30 am

Faculty Lecture I: *Changing Environments, Changing Communities: prospects for Coastal Carolina*

Marguerite Kent Repass Ocean Conservation Center Lecture Hall

Eastern Carteret County is composed of 13 villages stretched out along the back shoreline of Core Sound. Traditionally, economies and cultures have revolved around commercial fishing, but this has been changing. As commercial fishing has declined, residential development serving tourists and retirees has become an important and controversial issue. Since 2007, **Lisa Campbell, Rachel Carson Associate Professor of Marine Affairs and Policy**, has been leading a team of researchers working in and with Down East communities to understand resident attitudes towards change and to explore their visions for the future. This participatory research project not only documents community views in new and creative ways, but takes results back to the communities in a series of public meetings. This talk will highlight some of the research results -- including a short documentary film made based on interviews with community members -- and explore the utility of this kind of research in charting a course for a sustainable economic, cultural, and environment future for the region.

10:30 – 11:30 am

Faculty Lecture II: *The Sea Also Rises*

Marguerite Kent Repass Ocean Conservation Center Lecture Hall

Over the coming decades, hundreds of thousands of “environmental refugees” will be forced to search for new homes. Some of the world’s largest and most important cities will face massive flooding. Join **Orrin H. Pilkey, James B. Duke Professor Emeritus of Geology**, as he discusses the facts, debunks the myths, and shows how the economic and human consequences of sea level rise will be disastrous, if we don’t make hard and controversial choices for ourselves and our communities.

11:30 am – 1:00 pm **Buffet Lunch**

Back Deck of Dining Hall; Adults: \$12; Kids 6-12: \$6; Kids < 6: free

1:00 – 3:00 pm

Kids’ Quad

Student Center

Kids are the focus for a variety of fun, marine-focused activities, including arts and crafts, lawn games and movies. Children 12 and under (must be potty trained) can hang out and play, supervised, while parents take part in other reunion activities.

1:00 – 3:00 pm

Land Tours

Depart every 30 minutes from Registration Area (last departure 2:30 pm). Tours limited to 10 guests each.

1. **Explore the Marguerite Kent Repass Ocean Conservation Center**, one of Duke’s “greenest” building, with its geothermal wells for heating and cooling, solar panels for hot water, and photovoltaic rooftop panels to convert sunlight into electricity. A model of sustainability – and a beautiful learning environment, too!
2. **Climb aboard the Research Vessel Cape Hatteras**, the 135-foot oceanographic research vessel owned by the National Science Foundation, which draws scientists from all over the world to the Duke Marine Lab to pursue cutting edge marine research.

1:00 – 3:00 pm

Boat Tour: Rachel Carson Estuarine Reserve

Depart from Registration Area (1:00 pm and 1:40 pm departures) Note: Passengers must be at least six years of age; all children must be accompanied by an adult. Passengers weighing less than 90 pounds must bring their own personal flotation device. *Limited to 15 guests each. \$5 per person*

Set sail on the *R/V Crandall* to this extraordinarily diverse reserve, where habitats such as tidal flats, flooded salt marshes, ocean beaches and maritime forests are home to more than 200 species of birds, feral horses, river otters, gray foxes and marsh rabbits. In the deeper waters around the islands, perhaps you'll catch a glimpse of a bottlenose dolphin!

1:00 – 3:00 pm

Boat Tour: Dolphin Watch

Depart from Registration Area (1:00 pm departure only) Note: Passengers must be at least six years of age; all children must be accompanied by an adult. Passengers weighing less than 90 pounds must bring their own personal flotation device to wear while outside the cabin. *Limited to 39 guests. \$5 per person.*

All aboard the *R/V Susan Hudson* as we head out in search of bottlenose dolphins. Have your cameras ready!

1:00 – 4:00 pm

Croquet and Volleyball

On Pivers Island Point

Come join a game!

2:00 – 3:00 pm

Faculty Lecture III: *Can Large Marine Animals Co-Exist with People?*

I. E. Gray Library - Auditorium

Join **Larry Crowder, Stephen Toth Professor of Marine Biology**, for an interesting session on large fishes, like bluefin tuna and sharks, sea turtles, seabirds, and marine mammals. He will catalog their 10-100 fold declines in abundance and discuss the role of fishing, in particular, in those declines. Find out what's happening with them and what we can do to reverse these effects as he focuses on the natural history, adaptations, and grandeur of the marine megafauna.

2:00 – 5:00 pm

Ship's Store

Administration Building

Pick up a t-shirt, sweatshirt or other memento of a wonderful weekend at the Marine Lab.

4:00 – 5:30 pm

Happy Hour and Book-Signing

Cash Bar, Boathouse

A place to kick back and relax with friends, students, and faculty

6:00 – 10:00 pm

Pivers Island Dinner and Party

Dining Hall

Hawaiian shirts and colorful attire are encouraged as we get down and party in celebration of the Marine Lab's 70th anniversary. Enjoy a Down East shrimp and fish dinner, drinks, and dancing with your fellow guests as a wonderful weekend of fun and friendship comes to a close. One of Beaufort's favorite local bands, *Unknown Tongues* (www.unknown tongues.com), will perform their legendary Zydeco music. (Dinner will be served from 6:30 – 8:00 p.m. Bar open from 6:00 – 10:00 p.m.) **Adults: \$45; Kids 6-12: \$20; Kids < 6: free**

*****Note: In the event of rain, there will be some alternative activities.**

Duke
ALUMNI ASSOCIATION



NICHOLAS SCHOOL
OF THE ENVIRONMENT
DUKE UNIVERSITY

forging a sustainable future