

Upcoming Events

TODAY

Frontiers in Science

Charles E. Schmidt

College of Science,

3:30 - 4:30 p.m.

Presenting Dr. Anton

Post,

Staying Afloat: The

Molecular Ecology of

Antarctic

Phytoplankton.

[Click here for more.](#)

Fri Feb 24

Marine Science Fridays

A lecture series

featuring graduate

student research.

Presenting: Carlie

Perricone's *"Tales from*

a Microbial Detective:

Tracking Down the

Source of Pollution in

the St. Lucie Estuary

and Indian River

Lagoon" [Click here for](#)

[reservations.](#)

Mon Feb 27

Florida Oceanographic

Society Coastal Lecture

Series

Blake Library in Stuart

at 6:30 p.m. Presenting

Dr. Joshua Voss, Rock

Solid? Persistence and

Change on Shallow and

Mesophotic Coral

Reefs

[Click here for more.](#)

Wed March 1

February, 2017

Marine Sponge May Provide Antibacterial Solutions for MRSA



FAU Harbor Branch Marine Biomedical & Biotechnology researchers have officially announced findings from research published in the journal *Marine Drugs*. A compound extracted from a deep-water marine sponge is showing potent antibacterial activity against the drug resistant bacteria methicillin-resistant *Staphylococcus aureus* also called the "super bug."

Read the full press release [here](#).

Researcher Directory Now Available



A new directory for Principal Investigators and Project Managers is now available on the Harbor Branch site. The listing can be found [here](#).

Marine Mammal Rescue Monthly Recap

Orphaned Manatee 'Mudpie' Returns to the Wild

Mudpie the orphaned manatee was released back into Blind Creek,

Ocean Science Lecture Series

Ocean Entreés:

Cooking with a Caribbean Flair

presented by Megan Davis, FAU Harbor Branch. Johnson Education Center Auditorium, 4 & 7 p.m., admission is free. For the full season lineup, [click here](#).

Wed March 1 The Harbor Branch Immersion Tour

A behind the scenes tour of Harbor Branch. Call 772-242-2293 for reservations. [Click here](#) for ticket information.

SAVE THE DATE Sat April 1 - 2017 President's Gala

6:30 p.m. For more information, click [here](#).

If you enjoy our programs at FAU Harbor Branch, [please consider making a donation](#).

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the area from which she was originally rescued. Harbor Branch assisted the Florida Fish and Wildlife Conservation Commission (FWC) with the her rescue in 2014. Back then she was just a small calf; now you can see how she's grown during her rehabilitation at Miami Seaquarium!



Harbor Branch Assists in Valentine's Day Dolphin Intervention



FAU Harbor Branch's Marine Mammal Rescue and Photo ID teams assisted in a multi-agency Valentine's Day intervention on an entangled male dolphin calf. Veterinarians removed fishing gear which was looped through the mouth and left pectoral flipper. Blood was collected from

the calf and antibiotics were administered. The calf rejoined its mother upon release. The calf's mother has been in the Harbor Branch Photo ID catalogue for nearly a decade and the Photo ID team will continue to monitor progress during their routine surveys. This was the third disentanglement in a five week period for Harbor Branch teams.

Thanks to collaborators: Hubbs-SeaWorld Research Institute (HSWRI), National Oceanic and Atmospheric Administration (NOAA), SeaWorld Orlando, Georgia Aquarium's Dolphin Conservation Field Station, Clearwater Marine Aquarium, University of Florida, and Florida Fish and Wildlife Conservation Commission (FWC) and Volusia County Environmental Management.

This work is funded by proceeds from the Protect Wild Dolphins specialty license plate, which are granted through the Harbor Branch Oceanographic Institute Foundation.

FAU Harbor Branch Rescues Two Turtles

FAU Harbor Branch's Marine Wildlife Veterinary Medicine & Research team, led by Annie Page-Karjian, DVM, Ph.D., took part in two turtle rescues recently. Both turtles were found floating in the Indian River Lagoon near Fort Pierce.

The first, a sub adult green sea turtle, was found by the FAU Marine Mammal Rescue team suffering from hind end buoyancy (a.k.a bubble butt), which left the turtle with his feet in the air and unable to swim properly. The turtle is currently at the Miami Seaquarium for rehabilitation.

The second turtle, an adult female loggerhead sea turtle, was spotted floating by kayakers. The turtle spent the night at Harbor Branch and was then sent to SeaWorld Orlando for rehabilitation





This year marked the sixth Indian River Lagoon Symposium, an annual event which provides a forum for discussing Indian River Lagoon science and its application to management of the lagoon. The theme this year was *Indian River Lagoon: An Estuary in Peril*. The first day brought together researchers from across the region for technical sessions. The second day engaged the public in learning how citizens can participate in scientific research and restoration in the lagoon.

The symposium is sponsored by proceeds from the Harbor Branch Oceanographic Institute Foundation's annual Love Your Lagoon gala.

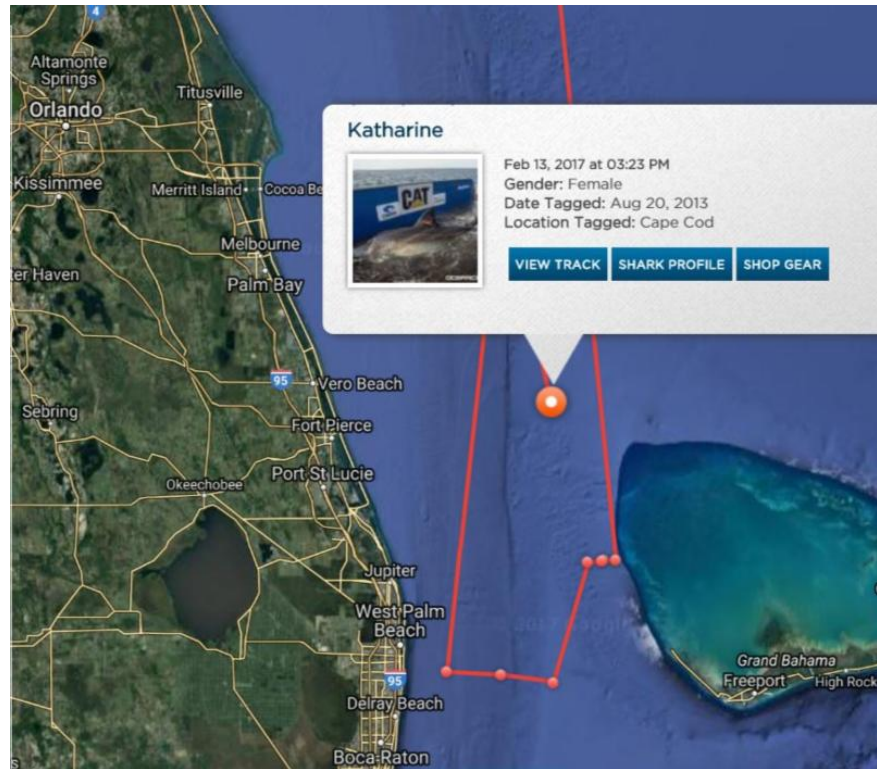
Learn more about the event and access live stream recording links [here](#).

Hands-on Work for Semester by the Sea Students



Semester by the Sea students got up close and personal with the Indian River Lagoon this month as they spent a day collecting marine plant samples for a class lab. The program is designed to provide undergraduate students an opportunity to broaden their educational experience with through immersion in marine science, with emphasis on marine biology.

Katharine the Great White Visits Treasure Coast



Katharine, the great white shark known round' the world, made her way back to the Treasure Coast this month. The 2,300lb shark was pinged off the coast of Fort Pierce on OCEARCH's [Global Shark Tracker](#) the afternoon of February 13. FAU Harbor Branch Fisheries Ecology & Conservation researchers Dr. Matt Ajemian and Mike McCallister work with OCEARCH on shark-tagging missions and were called upon by CBS 12 to give insight on what brought Katharine to our neck of the woods. [Click here](#) to watch the story.

Chérubin Co-authors Paper in Journal of Biogeography



FAU Harbor Branch Associate Research Professor, Laurent Chérubin, Ph.D., is the co-author of a paper published in the February issue of Journal of Biogeography. The article, entitled "Contrasting genetic effects of red mangrove (*Rhizophora mangle* L.) range expansion along West and East Florida" can be found on pages 335-347 or at the

link [here](#).

Viera High School Wins 20th Annual Regional Qualifier for National Ocean Sciences Bowl at FAU Harbor Branch



The winning team beat 20 others from along Florida's east coast in the "Florida Manatee Bowl," our area's National Ocean Science Bowl (NOSB) regional qualifier for high school students which tests the knowledge of a wide range of ocean-related topics. Viera's Team A earned the chance to compete against 24 other regional champions from across the nation in the national finals of 20th annual NOSB, which will be held in April in Oregon.

