

eBulletin

A monthly update for the community

HARBOR BRANCH

FLORIDA ATLANTIC UNIVERSITY

Upcoming Events

Fri Jan 27

Marine Science Fridays

A lecture series featuring graduate student research. Presenting "A Novel Interaction: The Thin Stripe Hermit Crab Kills the Florida Crown Conch for its Shell" by Jenn Cutter. [Click here for reservations.](#)

Wed Feb 1

Ocean Science Lecture Series

The Importance of Marine Mammal Stranding Response presented by Steve Burton, FAU Harbor Branch. Johnson Education Center Auditorium, 4 & 7 p.m., admission is free. For the full season lineup, [click here.](#)

Wed Feb 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.

Fri Feb 3

Love Your Lagoon Gala

6 p.m. For more information, click [here](#) or email lyl@hboifoundation.org.

January, 2017

2016 Annual Impact Report Now Available



The 2016 Annual Impact Report is now available digitally [here](#). The Report highlights the research, education and outreach efforts at Harbor Branch during FY16. Hard copies of the report are also available upon request by [emailing Carin Smith](#).

Harbor Branch Collaborates with NASA on Next Gen Satellite

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

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This week Harbor Branch scientists, led by Mike Twardowski and Jim Sullivan, hosted members of the [NASA PACE Science Team](#) to discuss a next generation imaging satellite which will be launching into space in 2022. Able to map the entire planet in just a few days, the new satellite will provide a view of the visible and invisible color spectrum so scientists can monitor the health of the biosphere based on chlorophyll distribution.

The project is funded by the NASA Ocean Biology & Biogeochemistry (OBB) Program.

Marine Mammal Team Assists with Saving Two Dolphins in a Week



Over the past week, Harbor Branch took part in two dolphin interventions. On January 17th, rescue teams successfully removed deeply embedded fishing line from a young dolphin's fluke (tail) and treated the wounds. The team attached a radio-transmitter to the dorsal fin of the calf's mother and will continue to monitor both in the coming weeks and months.

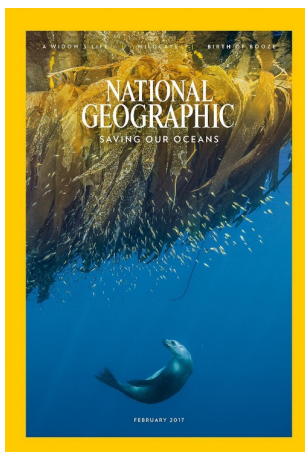
On January 25th, a second calf was also disentangled fishing line. The mother and the calf were released together.

Collaborators included: 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).

This work is funded by proceeds from the Protect Wild Dolphins specialty license plate.



FAU Harbor Branch Research Feature



Harbor Branch Researchers Participate in National Geographic Article

Harbor Branch researchers John Reed, Dennis Hanisak, and Stephanie Farrington recently shared their expertise on the Pulley Ridge deep reef in the Gulf of Mexico, which they have studied for years, with National Geographic magazine. The article, titled "Why It's Important to Save Our Seas' Last Pristine Places," details why Deepwater Marine Protected Areas (MPAs) are valuable in ocean conservation. The full article can be read [here](#).

Schaefer, Titcomb and Mazzoil Co-author Paper in Marine Mammal Science

FAU Harbor Branch Principal Investigator Adam Schaefer, Research Biologist Elizabeth Titcomb, and Senior Research Associate Marilyn Mazzoil recently co-authored a paper accepted for publication in *Marine Mammal Science*. Entitled "Blood Mercury Concentrations in Common



Bottlenose Dolphins from the Indian River Lagoon, Florida: Patterns of Social Distribution," the paper can be read ahead of publishing [here](#).

Fish Farming News Honors Megan Davis on Cover

Fish Farming News magazine features a select aquaculturist on the cover page of each issue. This year is dedicated to highlighting women in aquaculture, with our own Megan Davis receiving the honor in Issue 6.

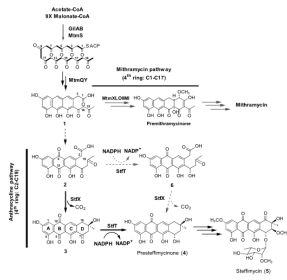
Check out the full image and issue [here](#).



Goujun Wang Co-Authors Paper in Organic Letters

FAU Harbor Branch Assistant Research Professor, Goujun Wang, is the co-author of a manuscript that was recently published in *Organic Letters* entitled, "One-Pot Enzymatic Total Synthesis of Presteffimycinone, an Early Intermediate of the Anthracycline Antibiotic Steffimycin Biosynthesis."

Click [here](#) to view the paper.



Scheme 2. Biosynthetic pathways of staflumycin and mithramycin.

Upcoming Events Here and Near

Marine Science Fridays Start January 27th



Kicking off this Friday (January 27), Marine Science Fridays are a chance to hear from the next generation of scientists. Featuring graduate student research, lectures are held at the Ocean Discovery Visitors Center on select Fridays from 12:30 - 1:30pm and admission is free. Call 772-242-2293 to reserve a spot. Click [here for more info](#) and [here to view the full schedule](#).

Harbor Branch Immersion Tours

Join a FAU Harbor Branch outreach scientist for a behind the scenes tour of our campus. During this tour, visitors will hear highlights of the cutting-edge research being conducted by FAU Harbor Branch marine scientists and engineers and learn about the positive impact their work has on the community, the environment and everyday life. Tours take place on select Wednesdays through April. [Click here for tickets](#).



Tickets Available for Indian River Lagoon Symposium 2017, Feb 9-10

The theme for the [2017 symposium](#) is Indian River Lagoon: *An Estuary in Peril*. The theme seeks to capture all relevant research going on in the lagoon. The event also aims to provide a forum for discussing Indian River Lagoon science and its application to

management of the lagoon. The symposium is open to scientists, decision makers, students, education and outreach professionals, and the interested public. [Click here to register](#).

FAU Harbor Branch to Host Regional Qualifier for National Ocean Sciences Bowl

Teams of local high school students will gather at FAU Harbor Branch, on Saturday, February 28 to compete in the Florida Manatee Bowl. The annual regional competition tests teams through quick-answer buzzer questions, and the winners earn a spot in the [National Ocean Science Bowl](#) (NOSB.) Harbor Branch has co-hosted the event with the University of Miami's Rosenstiel School of Marine and Atmospheric Sciences for 18 years, with the event location alternating each year between Fort Pierce and Miami.



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