

# eBulletin

A monthly update for the community

HARBOR BRANCH

FLORIDA ATLANTIC UNIVERSITY

October, 2017

## Upcoming Events

**Sunday, Oct 29**

Ninth Annual Right Whale Festival | Jacksonville Beach | 10:00 a.m. [[More info](#)]

**Wednesday, Nov 1**

Harbor Branch Immersion Tour | 10:30 a.m. [[More info](#)]

**Thursday, Nov 2**

Fort Lauderdale International Boat Show | Fort Lauderdale | 2:00 p.m. [[More info below](#)]

**Wednesday, Nov 15**

### **Ocean Science Lecture Series:**

*"Dawn in the Age of Robotic Oceanography on a Changing Ocean Planet"*

| Presented by Dr. Oscar Schofield, Rutgers University | FAU Harbor Branch | 4:00 p.m. [[More info](#)]

## FAU Harbor Branch Partners with Boys & Girls Club in New Outreach Experience



This month began a new outreach experience introducing members of the Fort Pierce Boys & Girls Club, aged 8-10, to a variety of marine science topics. The first of five after-school sessions took place on October 3. Graduate student Breanna DeGroot led a great class, teaching the students about marine mammals and marine debris. Learn more about the program [here](#).

## LaPointe Research Feature Receives Emmy Nomination

A video which features research conducted by Principal Investigator Brian Lapointe, Ph.D., has recently been nominated for a Suncoast Regional Emmy®. The 41st Annual Suncoast Regional Emmy® Awards through the National Academy of Television Arts & Sciences Suncoast Chapter promotes

excellence in the television broadcasting industry.

Nominated within the 'Environment' category, WPTV's (Jay Cashmere) "Saving the Last Living Coral Reef in North America" is in the running to receive the prestigious award. The story features Lapointe's research on long term water quality monitoring, climate change, and coral loss. Lapointe provided expertise as well as video footage for the piece. See the full list of 2017 Nominees [here](#).

View the video [here](#).



## New FWC Mobile App for Reporting Wildlife Concerns



Florida Fish & Wildlife has a new app available for iOS or Android devices called "FWC Reporter." It is free to download and can be used to report anything from bear conflicts to panther sightings, wildlife violations, distressed or injured animals, derelict vessels, suspected non-native species, horseshoe crab nesting, fish kills, and more.

In some cases, you can submit your report or concern via text, including optional photos and location. In situations that might require more immediate action, you may be routed to the law enforcement call center or the nearest regional office. This is intended to be a comprehensive way to allow people to report wildlife issues quickly using their smartphones.

Download here for [Android](#) or [iOS](#).

## Events



### Pomponi Attends Policy Panel for EU-funded Project SponGES

[SponGES](#) (Deep-sea Sponge Grounds Ecosystems of the North Atlantic - an integrated approach towards their preservation and sustainable exploitation) focuses on some of the most diverse, ecologically and biologically important and vulnerable marine ecosystems of the deep-sea.

The project, of which Florida Atlantic University is a valuable partner under the guidance of Shirley Pomponi, FAU Harbor Branch Principal



### Baxley Presents at 2017 Marine Technology Society's OCEANS Conference

Bill Baxley, Chief Engineer for FAU's Southeast National Marine Renewable Energy Center (SNMREC) presented the paper "Unique Challenges in Harnessing Open Ocean Marine Hydrokinetic Energy" at the 2017 Marine Technology Society's OCEANS conference in Anchorage, Alaska on September 21, 2017. The paper describes the similarities and additional challenges of adapting tidal power devices, such

Investigator and Research Professor, aims at:

- Strengthening the knowledge-base on North Atlantic sponge ground ecosystems by investigating their distribution, diversity, biogeography, function and dynamics;
- Improving innovation and industrial application by unlocking the biotechnological potential of these ecosystems;
- Improving the capacity to model, understand and predict threats and impacts and future anthropogenic and climate-driven changes to these ecosystems;
- Advancing the science-policy interface and developing tools for improved resource management and good governance of these ecosystems from regional to international levels across the North Atlantic.

For more information, read the press release [here](#).

as those used in Europe and the northeast US, to the task of harnessing open ocean currents, such as the Gulf Stream. SNMREC has been developing power extraction technologies and measuring the Gulf Stream's seasonal variabilities since its inception in 2008. Based upon this research, SNMREC was recently granted state funding to develop a three-rotor device for testing offshore Lake Worth next summer. This device is planned to be designed and fabricated at FAU Harbor Branch, including large scale 3D printing (2m by 2m size) of the rotor blades and other components. Further information is available on SNMREC's website: [snmrec.fau.edu](http://snmrec.fau.edu).

View the paper [here](#).

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## Join us: Fort Lauderdale International Boat Show

FAU Harbor Branch will be at the [Fort Lauderdale International Boat Show](#) on Thursday, November 2nd. Join us at the Coral Reef Pavilion at 2:00 p.m. to hear our own Dr. Josh Voss present "Coral Reef Exploration: The Next Frontier."

# IMMERSE YOURSELF AT THE CORAL REEF PAVILION

## Yellow Zone Tower 1

Visit this exciting Pavilion to hear from a marine scientist about groundbreaking research at 2 PM each day starting Thursday, Nov. 2, at the 2017 Fort Lauderdale International Boat Show.

**Enter to win a \$10,000 Paul Gaugin Cruise! And more fun prizes!\***

\*Need not be present

Learn more about South Florida, our oceans and amazing places to play, eat and stay in Greater Fort Lauderdale! This is the first time ever we've had these fascinating presentations. Don't miss them!



### Thursday Nov. 2 at 2PM

CORAL REEF EXPLORATION: THE NEXT FRONTIER BY DR. JOSHUA VOSS of Harbor Branch Oceanographic Institute at Florida Atlantic University

### Friday Nov. 3 at 2PM

WHY I STUDY SHARKS BY PROFESSOR NEIL HAMMERSCHLAG of Rosenstiel School of Marine and Atmospheric Science at University of Miami

### Saturday Nov. 4 at 2PM

LIVING WITH SHARKS BY DR. KEVIN BOSWELL AND DR. MARK BOND of Marine Sciences Program at Florida International University

### Sunday Nov. 5 at 2PM

SHARK AND BILLFISH RESEARCH BY DR. GUY HARVEY AND DR. MAHMOOD SHIVJI of Halmos College of Natural Sciences and Oceanography at Nova Southeastern University



Enter to win a \$10,000 Paul Gaugin Cruise\* while visiting the Coral Reef Pavilion.

\*Air not included

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