

eBulletin

A monthly update for the community

HARBOR BRANCH

FLORIDA ATLANTIC UNIVERSITY

Upcoming Events

Wed Feb 3
Ocean Science Lecture Series
Cures for Malaria, Tuberculosis, Alzheimer's? An Update on Natural Products Discovery at HBOI presented by Dr. Amy Wright, FAU Harbor Branch. Johnson Education Center Auditorium at 4 and 7 p.m. - admission is FREE. [Click here](#) for the full lecture series schedule.

Fri Feb 5
Mini Brown Bag Lunch Series
Ocean Discovery Visitor's Center, 12:30 - 1:30 p.m. See article below for more info.

5th annual Love Your Lagoon Gala
Presented by the Harbor Branch Oceanographic Institute Foundation, 6 - 9 p.m. For more information, [click here](#).

Thu Feb 11
Indian River Lagoon

January, 2016

FAU Harbor Branch Releases 2015 Annual Impact Report



FAU Harbor Branch's official year-in-review for 2015 is now hot off the press! The 2015 Annual Impact Report covers top research stories from the institute, and also provides a look at financials along with a listing of donors and peer-reviewed publications. [Click here](#) to read it!

Harbor Branch Hosts 2016 IRL Symposium and Public Forum



Voss Laboratory @VossLaboratory · 4h
Full house #irlsymposium pic.twitter.com/eqkpYM6Hsd



RETWEETS
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FAVORITE
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A panoramic view of the 2015 IRL Symposium, shared on Twitter by Dr. Joshua Voss' laboratory.

**Symposium 2016
- Indian River
Lagoon: Linking
Research with
Management**
Johnson Education
Center auditorium,
8 a.m. - 7 p.m.

**Fri Feb 12
Indian River Lagoon
Public Forum on
Lagoon Health:
Engaging the
Public: It's Our
Lagoon!**
Johnson Education
Center Auditorium,
8:30 a.m. - 2:30 p.m.

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On February 11, FAU Harbor Branch will host the **2016 Indian River Lagoon Symposium: Indian River Lagoon: Linking Research with Management**. The day-long event, sponsored by proceeds from the Harbor Branch Oceanographic Institute Foundation's annual *Love Your Lagoon* gala, will include oral presentations and posters on all aspects of science relating to the IRL at the Johnson Education Center auditorium from 8 a.m. - 7 p.m. [Click here](#) for more information.

The symposium will be followed up on February 12 with the **2016 Indian River Lagoon Public Forum on Lagoon Health: Engaging the Public: It's Our Lagoon!** This free event is designed to provide the public with an opportunity to participate in informal dialogue with representatives from various IRL organizations. The forum will also take place at the Johnson Education Center Auditorium from 8:30 a.m. - 2:30 p.m. [Click here](#) for more information.

FAU Harbor Branch, Aquaculture without Frontiers Partner to Alleviate Poverty and Malnutrition



The old proverbial saying, "Give a Man a Fish and You Feed Him for a Day. Teach a Man to Fish and You Feed Him for a Lifetime," aptly describes the newly-formed partnership between FAU Harbor Branch (HBOI) and Aquaculture without Frontiers (AwF), a global nonprofit organization. HBOI and AwF will work jointly to support and promote responsible and sustainable aquaculture farming to help enhance food security and alleviate poverty and malnutrition in developing and impoverished countries.

Discussions between HBOI and AwF are under way for the first joint project, which is expected to commence mid-year and will involve a number of countries in Africa. It is expected that the partnership will concentrate efforts on Africa and Latin America in the early stages. Working together, the organizations will advance aquaculture in these developing countries to provide much-needed protein sources as well as economic stimulus through diversification of livelihoods and sustainability of coral reefs that are vital to maintaining healthy ecosystems. The farming of aquatic organisms include fish, mollusks, crustaceans and aquatic plants.

"Facilitating self-sufficiency and sustainability is critical in helping to alleviate hunger and malnutrition worldwide, and we are very excited to join forces with Aquaculture without Frontiers to address this important need," said Dr. Megan Davis, HBOI Interim Executive Director and a leading aquaculture researcher. "Aquaculture is perhaps our best hope to feed our ever-growing global population. As a good source of protein, fish are much more efficient to raise than other leading sources of protein, which require huge amounts of grain and water to grow big enough to eat."

HBOI has well-established multi-species aquaculture production, nutrition research, and aquatic animal health laboratory infrastructures, and is a world leader in aquaculture research, development, training and education.

"Aquaculture without Frontiers believes that by collaborating and working with like-minded organizations such as Florida Atlantic University, we will be able to make major contributions to the core of our main objectives," said Roy Palmer, executive director of AwF. "We are very excited about the arrangement and discussions we are having about the future with FAU."

[AwF](#) is a member of the Volunteers for Economic Growth Alliance (VEGA), which is a global network of experienced volunteers who are committed to be a catalyst for change as a means to improve the nutrition and health of people and to foster social and economic development through supporting responsible and sustainable aquaculture. The United States Agency for International Development (USAID) founded VEGA in 2004 to be a procurement partner. More than 10 years later, VEGA stands on its own as a respected non-governmental organization with alliances with other member institutions. AwF believes that aquaculture is critical to underpin the future health of all humans by providing the essential nutrients and vitamins currently missing from many diets, and at an affordable price.

"In addition to the health benefits of fish, aquaculture can contribute to poverty alleviation, food security, and social well-being," said Dr. Marty Riche, HBOI Research Professor in fish nutrition. "By teaching and training farmers to grow native fish species, to incorporate locally available feed ingredients, to develop and follow bio-security protocols and to reuse fish effluents to irrigate row crops, vegetables, and tree crops, fish farmers can develop truly sustainable farming methods."

According to the Hunger Project, 795 million people, or one in nine people worldwide, do not have enough to eat, and 98 percent of the world's undernourished people live in developing countries. Seventy-five percent of the world's poorest people, 1.4 billion women, children and men, live in rural areas and depend on agriculture and related activities for their livelihood. The World Food Programme states that hunger is the No. 1 cause of death in the world, killing more than HIV/AIDS, malaria, and tuberculosis combined.

Harbor Branch Unveils New Ocean Technology Exhibit



This month, FAU Harbor Branch unveiled the new *Sight, Sound and Dynamics in the Sea: The Role of Technology in Ocean Exploration* exhibit at the Ocean Discovery Visitor's Center (ODVC). Florida Atlantic University President John Kelly (pictured, above) was among the speakers at a VIP reception for the opening of the exhibit, which was attended by more than 100 people. The exhibit officially opened to the public on Saturday, January 16 and will remain open through August during regular ODVC business hours each Tuesday through Saturday from 10 a.m. until 5 p.m. Admission is free.



FAU Harbor Branch staff who helped in the creation of the exhibit, from left: Jack Yager, Nelson Beaman, Ginny Blossom, Jeremy Ledlow, Anna Brady and Jeff Smith.

Davis Travels to Japan to Represent Harbor Branch at POGO Meeting

FAU Harbor Branch is one of the newest oceanographic institute members of the Partnership for Observation of the Global Oceans' ([POGO](#)), an organization which has 38 members from 19 different



countries that promote global oceanography. Dr. Megan Davis, Harbor Branch Interim Executive Director, attended POGO's annual meeting this week in Yokohama, Japan, where they launched their new strategy ([click here](#) to view it). During the meeting, Davis provided an overview of Harbor Branch and she participated in the Observations in Estuary workshop with a presentation on Harbor Branch's Indian River Lagoon Observatory.

Dr. Megan Davis took part in a tour of Japan's oceanographic ship the R/V Mirai

Introducing...the Mini Brown Bag Lunch Series

Next week marks the second talk in FAU Harbor Branch's new **Mini Brown Bag Lunch Series** - where you bring your lunch, and science is served! FAU Harbor Branch graduate student Danielle Dodge presents on February 5 with her talk: *Monitoring impacts of estuarine discharge on Saint Lucie Reef, FL*. Presentations will be held every other Friday at the Ocean Discovery Visitor's Center from 12:30 - 1:30 p.m. They are free and open to the public. [Click here](#) for more information.