

eBulletin

A monthly update for the community

HARBOR BRANCH

FLORIDA ATLANTIC UNIVERSITY

Upcoming Events

Wed July 19

Ocean Science Lecture Series

Lionfish: The Reef Assassin, a new film documentary

introduced by its producer, Maribeth Abrams.

Johnson Education Center Auditorium, 7 p.m. only, admission is free. For the full season lineup, [click here](#).

Take Our Survey!

We want to know what you know about Harbor Branch - take our survey to tell us!

[Click here to participate.](#)

If you've already taken the survey via social media, please do not re-submit.

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

Join Our Mailing List!

"Like" us on Facebook and follow us on Twitter!



June, 2017

Harbor Branch Home to FAU's New Marine Science & Oceanography Graduate Degree Program



Florida Atlantic University is now providing an unprecedented opportunity for graduate students to earn a master's degree while working alongside leading scientists and engineers at FAU's Harbor Branch Oceanographic Institute and the Charles E. Schmidt College of Science. The newly launched Marine Science and Oceanography graduate degree program is the opportunity of a lifetime for students interested in coastal and oceanographic science. By incorporating research faculty at Harbor Branch, the program provides an unparalleled hands-on academic experience.

Graduate students who are chosen to participate in the program will:

- Gain a broad understanding of coastal, nearshore and oceanographic science
- Obtain the research and inquiry skills necessary to independently conduct research and answer questions within their area of specialization
- Prepare to enter the workforce ready to apply their skills to research, management and administrative questions related to coastal and oceanographic issues in higher education, government, private sector consulting positions and non-profit organizations

This interdisciplinary program incorporates faculty from Harbor Branch and the College of Science, and areas of concentration include:



- Marine Biology
- Coastal and Geological Science
- Conservation and Ecology
- Remote Sensing and GIS
- Chemistry
- Statistics and Communication

[Click here](#) for more information on the program and for application materials.

Cuba Research Cruise Concludes



A team of FAU Harbor Branch scientists recently returned from a successful NOAA-sponsored research expedition circumnavigating the entire Cuban archipelago. Researchers involved report seeing vast, diverse and beautiful mesophotic coral reefs covering the sea floor in virtually every location they explored. Cuban, UNCW, and NOAA colleagues joined Harbor Branch scientists on the mission, and their expertise and collaboration greatly contributed to making the cruise a success. FAU Harbor Branch's Dr. Dennis Hanisak provides the last mission log update, which can be [read here](#).

In the News - The Indian River Lagoon

Here Comes the Rain - 2017's First Flush

This week, Dennis Hanisak, Research Professor and IRLON Director, and Kristen Davis, IRLON Manager, provided an update on the Indian River Lagoon. After an exceptionally dry season fraught with increased wildfires, the wet season began in earnest last week with heavy rainfall driven by the remnants of a tropical depression originating in the Pacific. Read the full update [here](#).

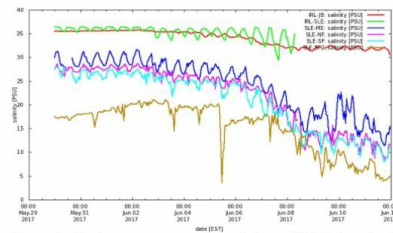


Figure 2. Hourly measurements of salinity at IRLON sites in the southern network from May 30-June 11, 2017 (Screen shot of IRLON Data, May 30-June 11, 2017, <http://fau.loboviz.com/loboviz/>).

TCPalm Special Feature: Harbor Branch's IRLON Helping to Save the Indian River Lagoon



FAU Harbor Branch's Indian River Lagoon Observatory Network of Environmental Sensors (IRLON) was highlighted in TCPalm this week. The article drives

home the importance of regularly collected data in understanding the lagoon. Read it in full [here](#).

The article was published alongside Dennis Hanisak's presentation at the Martin County Board of County Commissioners on data gathered from the network.

PBS Changing Seas Interviews Lapointe on Toxic Algae

FAU Harbor Branch's Dr. Brian LaPointe was interviewed last fall for an episode of PBS's Changing Seas, "Toxic Algae: Complex Sources and Solutions," which is now available for viewing. Dr. LaPointe recounts the record rainfall which occurred ahead of last summer's harmful algal bloom.



Watch the episode [here](#).

Student Update

Graduate Student Danielle Dodge Wins Award



Graduate student Danielle Dodge was awarded "Best Graduate Student Poster Presentation" for her master's thesis research about coral population genetics and gene expression responses to estuarine discharge. Danielle shared her research at the Benthic Ecology Meeting Society and Southeastern

Estuarine Research Society Joint Meeting in South Carolina.

Read [more](#).

Welcome Summer Interns!

FAU Harbor Branch's 2017 summer interns started their ten weeks of research this week. Each intern develops a project with one or more Harbor Branch scientists and engineers. This year there are nineteen summer interns from sixteen different colleges and universities.



Support for this year's program has been provided by the Link Foundation, the Gertrude E. Skelly Charitable Foundation, and the James Pomponi Memorial Internship.

SNMREC REU Students Arrive at FAU Harbor Branch

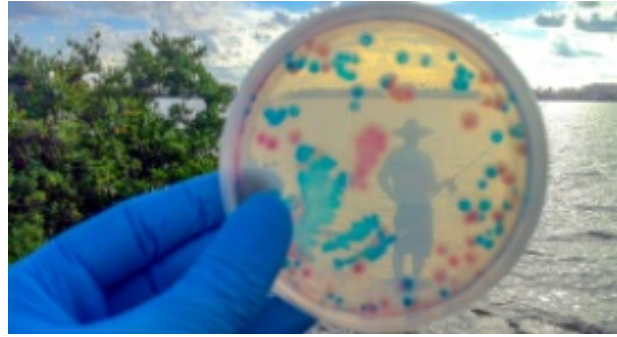


This month FAU Harbor Branch welcomed four students for an intensive summer research program hosted by the Southeast

Energy Center (SNMREC) at Florida Atlantic University. The students participate in the program at Harbor Branch, and will stay on campus in Harbor Branch apartments.

This ten-week program focuses on training, mentoring, research and providing students with an exciting summer experience that will prepare them for graduate studies or careers in engineering and science.

Vibrio Vulnificus: What to Know About the 'Flesh-Eating Bacteria'



Last year, *Health* spoke with Gabby Barbarite, PhD, a *Vibrio* researcher at FAU Harbor Branch, to find out how much of a risk the bacteria pose to the average person. The article was updated this week following headlines claiming a man recently died after swimming with a freshly inked tattoo. Read the article [here](#).

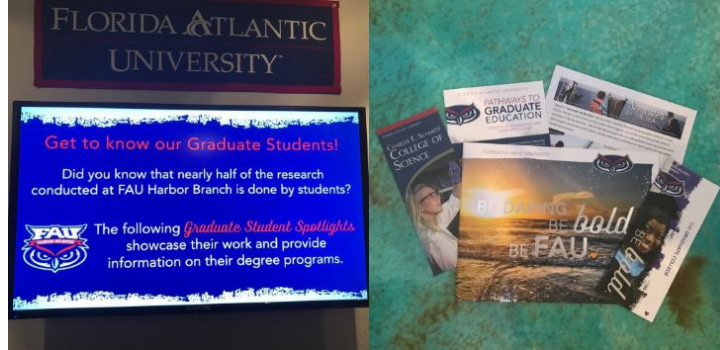
TCPalm's *Progress & Innovation* Features FAU Harbor Branch



This month, TCPalm's *Progress & Innovation* featured FAU Harbor Branch and Executive Director, Dr. Anton post, in an article titled "Research & Technology Profile: FAU's Harbor Branch is key contributor to global marine research." Read the article [here](#).

New at the Ocean Discovery Visitor's Center

Meet Our Graduate Students



A new display highlights graduate students who are currently performing research at FAU Harbor Branch. The display helps students who are interested in marine science studies at FAU or Harbor Branch learn more about the programs that are available.

Clowning Around



A display on aquacultured ornamental fish was finalized this week. Oceans, reefs & Aquariums (ORA®) donated a regular Clownfish, a FrostBite Clownfish, an Orchid Dottyback and a Watchman Goby. They've been a hit with young visitors!

Events Here and Near



Dr. Post Visits IRSC

Dr. Anton Post, HBOI Executive Director, and Dr. Megan Davis, HBOI Associate Executive Director toured Indian River State College (IRSC) with Dr. Ed Massey, IRSC President. IRSC and FAU Harbor Branch have a long standing joint aquaculture degree and certificate program. More recently Harbor Branch has collaborated with IRSC to establish an

Internship Program for the LASER-TEC students who are trained to be technicians in Laser and Photonics. During the visit additional areas of collaboration were explored in marine science and engineering.

FAU Foundation Tours FAU Harbor Branch

Members of the Florida Atlantic University Foundation Board and other staff from the Boca Raton campus visited for a tour of FAU Harbor Branch. Go Owls!

Post and Davis Visit USDA National Center for Cool and Cold Water Aquaculture

Dr. Anton Post and Dr. Megan Davis visited the United States Department of Agriculture (USDA) Agricultural Research Service (ARS) [National Center for Cool and Cold Water Aquaculture](#) with Dr. Tim Welch, Tim Leeds, and Caird Rexroad III this week.

Post and Davis at 3rd GEO Blue Planet Symposium

Dr. Anton Post and Dr. Megan Davis attended the [3rd Blue Planet Symposium](#). Davis presented a keynote addressing one of the four subthemes: sustainable use of ocean resources.

Post Attends Southern Association of Marine Laboratories

Dr. Anton Post attended the annual meeting of the Southern Association of Marine Laboratories (SAML) in Wilmington, NC.