

Upcoming Events

Saturdays in June Ocean Explorers Camp

Single-day camp experiences for students ages 7-11 interested in outdoor fun, sun, and discovery - perfect for your budding marine biologist or ocean animal lover, each experience focuses on a different area of exploration! [Click here](#) for a list of upcoming camps.

Wednesdays

Immersion Tours

Dive in for an insider's look at *Ocean Science for a Better World*® each Wednesday at FAU Harbor Branch! [Click here](#) for info on upcoming tours.

Wed Jun 8

World Oceans Day Special Event

Harbor Branch welcomes renowned fashion designer and conservation advocate Barbara de Vries for a lecture and panel discussion on ocean plastic pollution followed by a cocktail reception. See article for more details.

May, 2016

Celebrate World Oceans Day with FAU Harbor Branch



"Every single action causes an effect, and every single person can make a difference." This is the premise behind the work of award-winning fashion designer Barbara de Vries (pictured, left). This effect is not only evident in the 10 million pounds of plastic that ends up in the oceans each

year, but also in what we do about this manmade environmental scourge, said de Vries, who has used her stature as a designer to create awareness of plastic pollution of the oceans by incorporating beach plastic in her designs and her art.

In recognition of World Oceans Day, FAU Harbor Branch will welcome de Vries for a special event on Wednesday, June 8 at the Johnson Education Center Auditorium.

The event will begin at 5:30 p.m., when de Vries will discuss her work and participate in a panel discussion on the dangers of plastic in the ocean. A cocktail reception will immediately follow. The lecture and panel discussion are free and open to the public, and no registration is required.

Treasure Coast residents also are encouraged to clean up their favorite beach that day to support the World Oceans Day initiative, which is the recognized day of ocean celebration and action for the United Nations. The theme for 2016 is "Healthy Oceans, Healthy Planet," and individuals and organizations worldwide are promoting prevention of plastic ocean pollution through special events such as the one being held at HBOI.

Best known for creating the CK brand for Calvin Klein in the 90s, de Vries most recently won the Barneys New York Best New Sustainable Design Competition. Her work has been featured in *Vogue*, *The New York Times*, *Harper's Bazaar*, *Ecouterre*, as well as many other notable publications. She has given a TED talk and is featured in the Sundance documentary, *One Beach*. [Click here](#) for a portfolio of de Vrie's work.

For more information on the World Oceans Day events, contact the Ocean Discovery Visitor's Center at 772-242-2293 or tcamargo@fau.edu, or visit www.fau.edu/hboi.

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

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Old Vero Archaeological Project Receives National and International Media Coverage

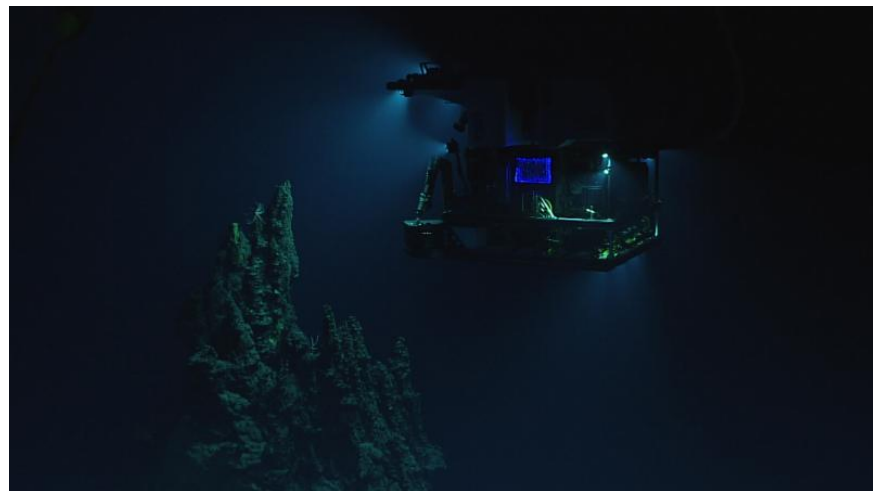


The Old Vero archaeological site, led by FAU Harbor Branch in partnership with the Old Vero Ice Age Sites Committee, has received national and international news coverage in recent weeks. Archaeologists discovered the bones of an extinct species of bison, estimated to be 13,000 to 14,000 years old, just ten feet below the surface at the site. The find was the subject of reports featured by a variety of news outlets, including the [Vero Beach Press Journal](#), [WPTV](#) and [WPBF](#) in West Palm Beach, [YahooNews](#), Australia's [MyInforms.com](#), the [Nature World News](#), the [UK's](#)

[DailyMail.com](#), [YahooIndia](#) and [Science Daily](#).

Additionally, FAU Harbor Branch's post on Facebook about the find was one of the most popular ever, with more than 10,100 views, 152 likes and 71 shares.

Pomponi to Join NOAA Expedition in Mariana Trench in June



The remotely operated vehicle Deep Discoverer surveying the 14-meter hydrothermal chimney. Image courtesy of the NOAA Office of Ocean Exploration and Research, 2016 Deepwater Exploration of the Marianas.

FAU Harbor Branch will again be participating in a NOAA-funded expedition to the "Grand Canyon" of the sea - the Pacific Ocean's Mariana Trench. On June 20, Dr. Shirley Pomponi, Executive Director of the Cooperative Institute for Ocean Exploration, Research and Technology (headquartered at Harbor Branch) will be joining leg 3 of the mission to serve as biology lead. Watch the dives by clicking [here](#) (choose camera 3 for the most action), and [click here](#) to watch video of an active hydrothermal vent that was imaged for the

first time during leg 1 of the Marianas expedition when Harbor Branch scientist Dr. Deb Glickson served as geology lead.

FAU Harbor Branch Coral Reef & Ecology Lab Explores Reefs in the Gulf



Members of FAU Harbor Branch's Coral Reef and Ecology lab, led by Dr. Joshua Voss, recently embarked on their tenth research cruise in the northwest Gulf of Mexico aboard the RV Manta. The work comes as part of a partnership with NOAA through the Cooperative Institute for Ocean Exploration, Research, and Technology, based at FAU Harbor Branch. The team conducted field operations within the Flower Garden Banks National Marine Sanctuary as part of an ongoing reciprocal transplant experiment, and also traveled to McGrail and Bright Banks with two major research objectives.

First, both McGrail and Bright Banks are being proposed for additional protection under the Sanctuary's Expansion Plan. Therefore, additional images, video, mapping and data to characterize these sites can help to not only determine the extent of coral reef resources available, but also to support the proposed expansions plans.

Second, they began work broadly assessing ecological connectivity at multiple spatial scales in order to understand the underlying biological processes that structure communities and to provide data that supports effective management strategies.

The coral samples collected during the technical dives and on previous ROV missions are being used to determine ecological connectivity using a suite of molecular techniques. Similarly, comparisons among these corals can provide information on the relative physiological status of corals over time from different banks and at different depths.

[Click here](#) to view more incredible images from the cruise!



There's a lot to Learn at Harbor Branch - Just Ask Our Volunteers!



Curiosity over a lecture about breast cancer is what brought Yale Goldberg to FAU Harbor Branch. Having lost his wife to cancer in 1993, he says he's lived with endless questions about whether or not he did everything he could to save her. "Listening to Dr. Dan Flynn's lecture provided some closure for me. I've never heard the disease put into terms like that - it was so easy to understand."

Yale was so impressed and inspired by the lecture that he decided to explore ways to become more involved at Harbor Branch. Yale is now a volunteer in the Mission: Ocean Discovery program, assisting with Immersion Tours and helping out in the Ocean Discovery Visitor's Center.

"The tours are so exciting - the Indian River Lagoon tour is my favorite! I learn so much every time I come to Harbor Branch...and you're never too old to learn. I feel accomplished by helping others, and Harbor Branch provides a great platform for me to do that."

Volunteers like Yale provide invaluable support to the programs and research at FAU Harbor Branch. To find out more about volunteering opportunities, [click here](#).