



December, 2017



Upcoming Events

Now - Jan 1, 2018
Ocean Discovery Visitor's Center **closed** for the holidays. | For more info call 772-242-2293

Wednesday, Jan 10
Ocean Science Lecture Series: "Translational Ocean Science at FAU Harbor Branch" | Presented by Anton Post | FAU Harbor Branch | 4:00 p.m. [\[More info\]](#)

Thursday, Mar 15
Marine Science and Oceanography Graduate Program now accepting applications for Fall 2018 admission. Apply by March 15,

Ocean Science Lecture Series Renamed After Local Couple



FAU Harbor Branch Oceanographic Institute's longstanding public lecture series now has a new name, after a generous planned gift from Vero Beach residents, John and Barbara Ferrera. The local couple recently committed to making a \$500,000

donation to the Institute, specifying that it would be an endowment to fund the lecture series. This is the first significant gift to the program, which has been in existence for 20 years. "We don't realize what a difference we can make until we sit down and plan and really think about it," said Barbara Ferrera. "Everyone has the capacity to help in some way." [Click here for more information.](#)

Join us for the first presentation of 2018 on Wednesday, January 10. Dr. Anton Post will present "Translational Science at FAU Harbor Branch." [Learn more here.](#)

FAU Harbor Branch's Amy Wright Named As 2017 NAI Fellow



Amy Wright, Ph.D., research professor at FAU's Harbor Branch Oceanographic Institute, and Randy Blakely, Ph.D., executive director of the Florida Atlantic University Brain Institute and biomedical science professor in the Charles E. Schmidt College of Medicine have been named [National Academy of Inventors \(NAI\) Fellows](#).

Election to NAI Fellow status is the highest professional accolade bestowed solely to academic inventors who have demonstrated a prolific spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on quality of life, economic development, and welfare of society. [Read the full press release here.](#)

Marine Mammal Rescue

Dolphin Disentanglement in the Mosquito Lagoon



Earlier this month, FAU Harbor Branch Marine Mammal Rescue took part in the disentanglement of a young, male dolphin. It was truly a team effort to remove the life-threatening marine debris. The calf was caught with his mother so they could remain together during the disentanglement and treatment of the wound. They were released together as soon as the procedure was done. Now he is back swimming freely in the Mosquito Lagoon.



A special thanks to our collaborative partners: Georgia Aquarium Field Station, SeaWorld, National Oceanic and Atmospheric Administration (NOAA), FWC Fish and Wildlife Research Institute, Hubbs-

Watch for Whales!



There was [exciting news this month as a fishing charter spotted a humpback whale just off the coast.](#)

If you see a migrating whale, please contact FAU Harbor Branch Marine Mammal Rescue's Steve Burton by email with GPS location, time of day, direction the whale was swimming and any pictures: sburto10@fau.edu

We do ask for mariners to remain at least 100 yards (300 feet) away from large whales. It is illegal to approach North Atlantic right whales within 500 yards (1,500 feet).

***To report sightings of dead, injured, or entangled whales, call the NOAA Fisheries Service Stranding Hotline at 1-877-433-8299.*

Research

Hines Published in Marine Ecology



Hunter Hines, a Ph.D. student in the McCarthy microbiology lab at FAU Harbor Branch, is first author on a publication out this week in the journal Marine Ecology.

The paper presents a method that can be used to monitor the biological effects of climate change on rocky shores. This study examined changes in limpet shell morphology across the Iberian Peninsula. Their findings show that climate change will lead to poorer adaptation to local conditions, which can be detected prior to changes in species distribution. The study, conducted in Spain and Portugal, took place during Hunter's graduate studies at Bournemouth University (UK).

[The full article can be read here.](#)

Page-Karjian Highlighted in Oceana.org



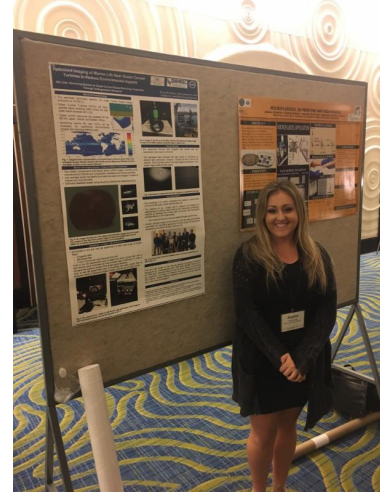
Dr. Annie Page-Karjian, Assistant Research Professor and Clinical Veterinarian at FAU Harbor Branch, was recently highlighted in an article on Oceana.org titled "The race to save sea turtles from deadly herpes tumors." Called fibropapillomatosis, or FP, the disease gives sea turtles giant cauliflower-like tumors, sometimes as large as grapefruits, on their eyes, mouths and flippers, as well as internally.

[Read the article here.](#)

FAU Harbor Branch NSF REU Scholar Presents at 2017 NSF EEC Grantees Conference

[Research Experiences for Undergraduates \(REU\)](#) Scholar, was one of ten students selected to present at the recent [2017 NSF Engineering Education and Centers \(EEC\) Grantees Conference](#).

Sophie participated in the REU program at FAU Harbor Branch where her ten-week project focused on research related to a novel underwater Light Detection and Ranging (LiDAR) imaging instrument developed at the Ocean Visibility and Optics Laboratory at Harbor Branch. The multi-year project, Unobtrusive Multi-static Serial LiDAR Imager, is funded by the US Department of Energy.



REU Scholar: Sophia Alyson Waxenberg

REU Mentor: Anni Vuorenkoski Dalglish

REU Scholar Home Institution: The Pennsylvania State University, College of Earth and Mineral Sciences, B.S. in Energy Engineering

Project: Optimized Imaging of Marine Life Near Ocean Current Turbines to Reduce Environmental Impacts

Dr. Marilyn Link Receives Honorary Degree from FIT



Congratulations to Dr. Marilyn Link who received an honorary doctoral degree this month from Florida Institute of Technology. Dr. Link has been a visionary presence on Florida Tech's Board of Trustees since 1984, where she currently serves as a Trustee Emerita. Her family's Link Foundation has awarded grants to Florida Tech, and Link helped make possible the digitization of the Edwin A. Link Special Collection at the Evans Library, named for her brother. She has also established a charitable gift annuity at Florida Tech.

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