

OUTREACH PROGRAMS

Explore our exhibits to learn about research at FAU Harbor Branch as well as the marine environments we study.

- The center is open Tuesday-Saturday, from 10 a.m. to 4 p.m.
- Take a behind the scenes look at our 144-acre waterfront campus, while learning about our history and research. Offered Tuesday-Saturday, 10:30 am to noon. \$20/person, reservations required
- Join us each month at the Ocean Discovery Visitors Center for this fun-filled, family-friendly, outdoor event. Science Saturdays will be held on April 23 and May 28, from 10 am to 4 pm.
- During our Ocean Exploration tour, you'll virtually experience what it's like to be a deep-sea scientist! Offered the 2nd Thursday of each month, 1 to 2:30 pm. \$25/person, reservations required.

For more information or reservations, call 772-242-2293.

Support Ocean Research

Florida Atlantic University Harbor Branch Oceanographic Institute is rapidly evolving. Now is the time to expand our impact through private philanthropic support. The Institute is increasing its funding to core programs that will make a significant and timely impact on critical ocean issues in Florida and beyond. FAU Harbor Branch is a trusted leader and expert resource in the areas of:

- Marine Ecosystem Conservation
- Ocean Health: Human Health
- Aquaculture and Food Security
- Technological Innovation
- Education and Outreach

Celebrate the 50th Anniversary of HARBOR BRANCH OCEANOGRAPHIC INSTITUTE

Wednesday, April 20, 2022

On behalf of Florida Atlantic University President John Kelly, we welcome you to the finale of the Celebrating 50 Years of Ocean Science for a Better World® Lecture Series. Please enjoy a lively panel discussion moderated by journalist Anthony Westbury, including:

Jim Sullivan, Ph.D.

FAU Harbor Branch Executive Director

and

FAU Harbor Branch Researchers

Dennis Hanisak, Ph.D.

Brian Lapointe, Ph.D.

Shirley Pomponi, Ph.D.

John Reed, M.Sc.

Make a donation today: fauf.fau.edu/hboi

Panel will begin at 4 p.m., followed by a cocktail reception

ABOUT THE LECTURE

2021 marks the 50th Anniversary of our relentless pursuit of Ocean Science for a Better World®. The Institute, now known as Florida Atlantic University Harbor Branch Oceanographic Institute, was founded in the spirit of ocean exploration and is driven by a rich history of world-class research dedicated to marine ecosystem conservation, ocean and human health, aquaculture innovation and food security, technological innovation and national defense.

In 1971, our founder J. Seward Johnson Sr. of the Johnson & Johnson family, in collaboration with famed inventor Edwin A. Link, had a vision to create an institute to preserve the environment through a scientific understanding of the ocean, and, 50 years later, that is how we continue to view our research.

Harbor Branch joined Florida Atlantic University in 2007, further expanding the reach of our programs to over 100 miles along Florida's east coast. Today, FAU Harbor Branch Oceanographic Institute is a trusted leader and expert resource for marine science research, conservation and education.

Today's lecture is a panel discussion with several FAU Harbor Branch scientists, moderated by journalist Anthony Westbury. You will learn about FAU Harbor Branch's rich history, its cutting-edge science, and the future of ocean discovery.



Thank You to Our Sponsors

Ocean Crusader:



Ocean Adventurers:

Florida Power & Light Company
Indian River State College
Oceans, Reefs & Aquariums LLC
The International SeaKeepers Society
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Community Leaders:

Economic Development Council of St. Lucie County
Elliott Museum
Indian River County
Indian River Magazine
IRSC Public Media
WQCS-88.9 FM, WQCP 91.1 FM & WQJS-88.5 FM
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SAD Foundation
St. Lucie County

Thank You to Our Benefactors

We would like to recognize and thank the inaugural FAU Harbor Branch Benefactors Society members. Through your generous support, you are helping us make a difference as we strive to achieve our mission of Ocean Science for a Better World®.

TO JOIN THE FAU HARBOR BRANCH BENEFACTORS SOCIETY, VISIT:

fau.edu/hboi/support/benefactors



LETTER FROM
JIM SULLIVAN

Dear Friends,

I am excited to welcome you to FAU Harbor Branch tonight. Finally, we can commemorate our 50 years of relentlessly pursuing Ocean Science for a Better World. I am honored that you chose to join us as we celebrate our storied past, present success, and exciting future.

In 1971, founder J. Seward Johnson Sr. and his longtime friend, Edwin A. Link, collaborated to create Harbor Branch in the spirit of ocean discovery and exploration. Link, inventor of a groundbreaking flight simulator during World War II, developed the revolutionary Johnson-Sea-Link submersibles, one of which is on display tonight. These submersibles enabled more than 9,000 dives around the world.

Today, FAU Harbor Branch and its team of researchers focus on the most critical issues facing the Earth's oceans. Our campus has a front-row seat to the Florida coast's beauty, values and challenges. From conserving

marine ecosystems, to finding cancer treatments, to fighting against harmful algal blooms, our distinguished scientists understand how connected we are to our home, and they are committed to developing innovative solutions to our most urgent concerns.

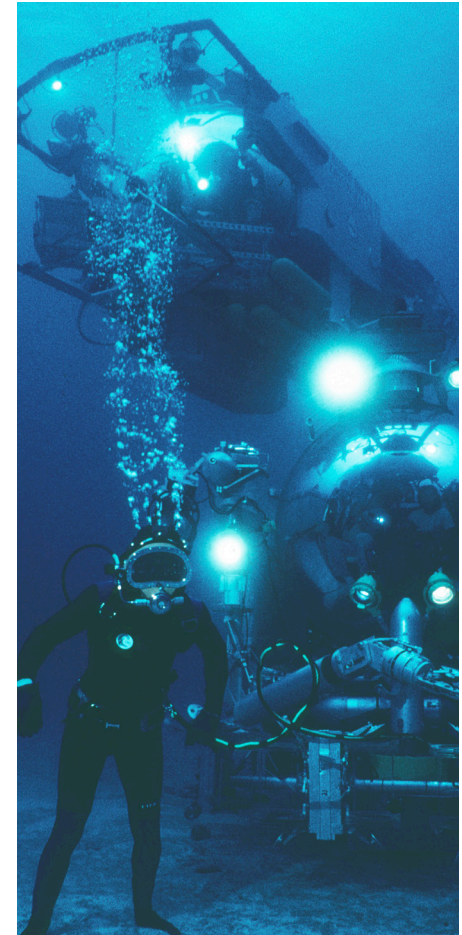
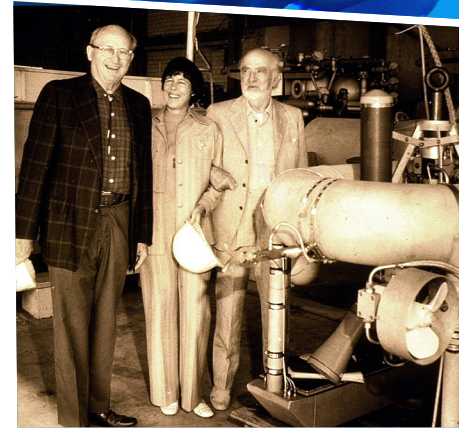
For example, our beloved Indian River Lagoon has seen devastating seagrass losses – over 60% in two years. That loss has contributed to the starvation of Florida's iconic manatees and a record high mortality rate for the animals. Now, our researchers are hard at work developing seagrass nursery technology that can be used in future restoration projects in the Lagoon. Furthermore, FAU Harbor Branch is addressing the harmful algal bloom crisis plaguing Florida's waters through the Florida Center for Coastal and Human Health. As part of these critical efforts, I also serve as a member of the Florida Governor's Blue-Green Algae Task Force.

These are just a few examples from a 50-year body of work that spans the globe, and none of it would be possible without community members like you. We all know how much Florida's health and economy depend on the ocean's rich resources. The lagoon itself contributes nearly \$8 billion in economic value to the state each

year, and its mangroves, seagrasses and salt marshes support fisheries, maintain water quality and guard against erosion. With community support, we're able to meet vital needs near and far.

FAU Harbor Branch and I are thrilled to celebrate the past 50 years of ocean research with you, and we're eager to work together for our oceans and our community over the next 50 years. Whether discovering cancer cures, developing food security technology, or protecting manatees, FAU Harbor Branch depends on this community to make a difference. That's why we're also eager to highlight the many ways in which you, your businesses, and your community can take action with us. From becoming a member of our Benefactors Society to having a voice at the table with other community leaders through our Corporate Partners Program, there are a variety of ways for us to join together to celebrate 50 years while leveraging our momentum over the next 50 years.

Jim Sullivan, Ph.D.
Executive Director



FLORIDA ATLANTIC UNIVERSITY
PRESIDENT JOHN KELLY



John Kelly, Ph.D., was named the seventh president of Florida Atlantic University in January 2014 and quickly declared his intention to make FAU "America's fastest-improving university." The university has established a track record of relentless improvement under his transformational leadership, which includes doubling research expenditures, enrolling an all-time high number of National Merit Scholars, setting new records for private gifts to the FAU Foundation, increasing graduation and academic progress rates, and raising the profile of FAU's athletics program.



Thank You to the Link Foundation

On behalf of Florida Atlantic University Harbor Branch Oceanographic Institute, we would like to recognize and thank the Link Foundation for their support of our research faculty in honor of Harbor Branch's 50th Anniversary. Edwin A. Link, Marion C. Link and Marilyn C. Link were instrumental in establishing the Institute, and were dedicated to supporting and growing its mission during their lifetimes and beyond.

ABOUT THE SPEAKERS

M. Dennis Hanisak, Ph.D., is a Research Professor and the Director of the Indian River Lagoon Observatory. In recent years, his research has focused primarily on the lagoon with projects that range from macroalgal ecology to water quality to seagrass restoration.



Research Professor **Brian Lapointe, Ph.D.**, has spent his career studying nutrients, algal growth, and eutrophication. His current research includes identifying sources of nutrient pollution in the Indian River Lagoon and working on extensive Sargassum blooms.

Research Professor **John Reed, M.Sc.**, has spent his career exploring deep-water and mesophotic coral reefs. His research and conservation programs led to the establishment of marine protected areas for both the Oculina and Lophelia coral reefs.



Research Professor **Shirley Pomponi, Ph.D.**, is an ocean explorer and a marine biotechnologist. She directed our NOAA Cooperative Institute for Ocean Exploration, Research, and Technology from 2009-2018.

Jim Sullivan, Ph.D., is FAU Harbor Branch's Executive Director. His research interests include harmful algal bloom dynamics and the development and use of instrumentation and techniques needed to study this complex issue.



Anthony Westbury retired in 2019 after spending nearly 30 years as a working journalist on the Treasure Coast. He served as an opinion columnist for the final 15 years of his newspaper career and now hosts a regular radio show, The Pay It Forward Show, on WFLM 104.5 FM.

