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NEXT WEEK’S LECTURE

2022 Celebrating 50 Years of Ocean Science for a Better World®

LECTURE SERIES

Wednesday, March 30

"From Clams to Corals: It’s a Long Story!"

Dave Vaughan, Ph.D., Plant A Million Corals Foundation

"Looking Deeply: Deep Sea Discoveries and Adventures with the Johnson-Sea-Link Submersibles"

John Reed, M.Sc., Shirley Pomponi, Ph.D., Amy Wright, Ph.D. and M. Dennis Hanisak, Ph.D., FAU Harbor Branch

To live stream the presentations or view past lectures visit:

fau.edu/hboi/osls
In the 1960s and 70s, Edwin Link had a dream to safely send humans deeper into the sea and allow them to remain there for extended periods. In 1970, he invented the Johnson-Sea-Link (JSL) submersible – the only research submersible with a clear acrylic bubble allowing nearly 360° visibility and with lockout capabilities, allowing two divers to work at greater depths than SCUBA. From 1971 to 2010, the two JSL submersibles completed nearly 9,000 dives down to depths of a half mile and conducted by thousands of researchers from dozens of universities and agencies. Researchers from FAU Harbor Branch and around the world used the JSLs to collect and identify thousands of specimens including fish, corals, sponges, crustaceans, seaweeds, and countless other taxa. Dives were made throughout the eastern U.S. and Gulf of Mexico, the Great Lakes, Bahamas, the Caribbean (Antilles, Curacao, Bonaire, Roatan, Belize), eastern Atlantic (Canaries, Madeira, Mediterranean), and Pacific (twice to the Galápagos Islands, Cocos Island, and Panama). The JSLs have been featured dozens of times in popular magazines, national news, and science and nature television documentaries. JSL expeditions to the Galápagos Islands and Cuba were the subject of two award-winning Discovery Channel television documentaries including a 3D IMAX movie. Today's panel of speakers, who collectively did more than 1,000 JSL dives in their careers, will share some personal highlights of their JSL experiences.

All four of those involved in today's lecture are Research Professors at FAU Harbor Branch and have worked together for many years, with much of that time at sea.

John Reed, M.Sc., has led research and conservation programs that led to the establishment of marine protected areas for both the Oculina and Lophelia coral reefs. Dr. Shirley Pomponi, an ocean explorer and a marine biotechnologist, directed our NOAA Cooperative Institute for Ocean Exploration, Research, and Technology from 2009-2018. Dr. Amy Wright, a natural products chemist, focuses her research on the discovery of natural products useful in the development of novel therapeutic agents for the treatment of cancer and infectious disease. Dr. Dennis Hanisak is the “plant person” on the team, focused on macroalgae (seaweeds) and seagrasses.

ABOUT THE SPEAKERS

ABOUT THE LECTURE

OUTREACH PROGRAMS

WAYS TO GIVE

FAU Harbor Branch is rapidly evolving. Your support can catapult our impact on critical ocean issues in Florida and beyond.

Unrestricted gifts to the FAU Harbor Branch Executive Director's Fund are powerful investments in the greatest needs of the Institute, which range from seed funding for research projects and technology upgrades, to emergency student support.

Your generous gifts support the research being conducted every day at FAU Harbor Branch:

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

Join us each month at the Ocean Discovery Visitors Center for this fun-filled, family friendly, outdoor event. Science Saturdays will be held on February 26, March 26, April 23, and May 28 from 10 am to 4 pm.

Calling all artists: We invite you to be creative and inspired by FAU Harbor Branch research. Prizes include VIP meet and greets, behind the scenes tours, and more! Entries will be accepted until March 25.

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 am to 4 pm and a $5 donation is suggested.

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.

For more information or reservations call 772-242-2293

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