

NEXT WEEK'S LECTURE

2022 Celebrating 50 Years of
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LECTURE SERIES



Wednesday, April 13

"The ONR CubeSat"

Mike Twardowski, Ph.D.,
FAU Harbor Branch

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HARBOR BRANCH
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2022 Celebrating 50 Years of
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Wednesday, April 6

**"The Past, Present, and Future
of our Coral Reef Ecosystems"**

Joshua Voss, Ph.D.,
FAU Harbor Branch

To live stream the presentations
or view past lectures visit:

fau.edu/hboi/osls



ABOUT THE SPEAKER

Dr. Joshua Voss is an Associate Research Professor at FAU Harbor Branch and the Executive Director of NOAA's Cooperative Institute for Ocean Exploration, Research, and Technology (CIOERT). His primary areas of research include coral reef ecology, coral health and disease, molecular ecology, and marine conservation and management. Through FAU Harbor Branch's Robertson Coral Reef & Conservation Program and CIOERT, he works to discover, characterize, and protect coral reefs ecosystems.

After completing his bachelor's degree at Elon University in North Carolina, Dr. Voss earned his doctorate at Florida International University in Miami. He is a certified technical rebreather diver who has completed more than 1500 scientific dives and led over 40 scientific expeditions. He teaches undergraduate courses in our Semester By The Sea Program and Florida Institute of Oceanography's marine field studies program, plus graduate courses in FAU's biology and marine science programs. He has served on several advisory committees and panels, including, most recently, for the South Atlantic Fisheries Management Council and the Southeast Florida Coral Reef Initiative.



ABOUT THE LECTURE



Coral reefs ecosystems are stunning ecological powerhouses that provide immense ecosystem services and economic impacts. However, due to threats such as emerging diseases, poor water quality, and climate change, coral reefs are currently facing major challenges throughout Florida and worldwide, particularly in shallow regions.

In this lecture, Dr. Voss will discuss his team's efforts to integrate exploration and experimental approaches with advanced molecular techniques to better understand and protect coral ecosystems. The talk will highlight coral reef discoveries in the mesophotic zone, novel antibiotic interventions to treat coral diseases, and coral restoration methods, which collectively may help to secure a future for coral reef ecosystems in Florida and beyond. Join us to learn more about Florida's coral reefs, and what you can do to help support their survival and recovery.

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.

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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.



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.



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.



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.