



## **ShORE 2018 AGENDA**

**9:30** Registration

[www.DaytonaState.edu/ShORE](http://www.DaytonaState.edu/ShORE)

### **Morning Session**

**10:00 *Welcome and Sponsor Thanks*** Chad Truxall, Executive Director Marine Discovery Center; Debra W. Woodall, PhD Director Daytona State College Institute of Marine and Environmental Studies

**10:10 *Saving our Synthetic Seas***, Keynote Speaker Dr. Marcus Eriksen Co-founder 5 Gyres; Introduced by Dr. Thomas LoBasso, President Daytona State College

**11:00 *Let's Get Engaged: transforming your environmental passion into action and change in your community*** Mia Nixon, 5-Gyres Youth Ambassador

**11:20 *Pythons and Plastic: discarded and disposable*** Skip Snow, Artist/Environmentalist and Biologist with the National Park Service; Introduced by Eve Payor, Director of Community Programs, Atlantic Center for the Arts Harris House

### **STUDENT ORAL PRESENTATIONS**

**11:40 *Soil Effect on Yaupon Growth*** Austin McCluney, Briana Coakly, Ashley DeMorro, Rosie Foster, Alexandra Quinn, Ja'lasha Dunlap, Luke Ochs (Atlantic High School) and Jennifer Spain (Mentor, Atlantic High School)

**11:50 *Food or Trash: plastic pollution in birds of prey*** Julia Carlin (University of Central Florida) and Linda Walters (Mentor, University of Central Florida)

### **12:00-1:10 LUNCH AND STUDENT POSTER SESSION**

- ***Comparative Water-quality Study*** Varun Hoskote (Spruce Creek High School) and Hyun Jung Cho (Mentor, Bethune-Cookman University)
- ***Bacteria: the untold story from a shark's mouth*** Katelyn DiGirolomo (Daytona State College) and Debra Woodall (Mentor, Daytona State College)
- ***Adventures of Seagrass Wrack: how wrack effects growth and survival of mangroves along living shoreline restoration*** Noah Friedland (Valencia College) and Linda Walters (Mentor, University of Central Florida)
- ***Exploring Ecosystem Shifts within the Indian River Lagoon*** Megan Witt (University of Central Florida) and Linda Walters (Mentor, University of Central Florida)
- ***Possibility of a Scalloped Hammerhead Birthing and Nursing Ground in Ponce Inlet, FL*** Josh Munsey, Dennis Munsey (Daytona State College) and Debra Woodall (Mentor, Daytona State College)
- ***No Guts No Glory: and examination of microplastic ingestion in local fish and birds*** Alexandra Femiano (Daytona State College) and Debra Woodall (Mentor, Daytona State College)
- ***Reading Between the Tides: learning more about sea-level rise in Volusia County, Florida*** Augustus Sueck (Daytona State College) and Debra Woodall (Mentor, Daytona State College)
- ***Sequestration of Microplastics in Estuarine Shoreline Sediment*** Elizabeth Boggs (University of Central Florida) and Linda Walters (Mentor, University of Central Florida)

- ***Volusia County Groundwater Quality Study: an investigation to determine quality of Volusia county's aquifers and groundwater*** Hannah Vu-Bennett (Daytona State College) and Debra Woodall (Mentor, Daytona State College)
- ***Ecosystem Services of Oyster Reef and Vegetated Shorelines: potential for blue carbon sequestration in a coastal lagoon*** Samantha Maldonado (University of Central Florida) and Kelly Kibler (Mentor, University of Central Florida)

#### **STUDENT ORAL PRESENTATIONS (cont.)**

**1:10 *Effects of Super Bloom Conditions on the Density of Zooplankton in the Indian River Lagoon, FL*** Jonathan Johnson (Bethune-Cookman University) and Sarah Kreici (Mentor, Bethune-Cookman University)

**1:20 *Microplastic Accumulation in Spat and Adult Oysters (Crassostrea virginica) in Mosquito Lagoon*** Megan Robbins (University of Central Florida) and Linda Walters (Mentor, University of Central Florida)

**1:30 *Examining Zooplankton Diversity and Relative Abundance Related to Abiotic Conditions in the Halifax River Lagoon, FL*** Lakean McGregor (Bethune-Cookman University) and Sarah Kreici (Mentor, Bethune-Cookman University)

**1:40 *Water-level Fluctuations on Restored Oyster Reefs in Mosquito Lagoon, Florida*** Devon Higgins (University of Central Florida) and Kelly Kibler (Mentor, University of Central Florida)

#### **AFTERNOON SESSION**

**1:50 *The Dynamic Lagoon: A 2018 update*** Lori Morris, Environmental Scientist IV, Division of Water and Land Resources; Bureau of Water Resources, St Johns River Water Management District

**2:10 *Linking Fish, Habitats, and Water Quality: science to inform conservation*** Aaron Adams, Director of Science and Conservation for Bonefish & Tarpon Trust, Senior Scientist, Harbor Branch Oceanographic Institute of Florida Atlantic University

**2:30 *Keeping the Promises of Amendment 1*** Clay Henderson,

**2:50 *Volusia County: Shark-diversity Capital of the World!*** Chad Macfie, Marine Science Center Manager

**3:10 *Cloudy Waters: the painful decline of Mosquito Lagoon as seen from the water*** Billy Rotne, U.S. Coast Guard Merchant Marine Officer and 13-year IRL Fishing Guide

**3:30 *One Planet Living: a new way of life for New Smyrna Beach*** Ben Gill, One Planet Living Manager

**3:50 *Panel Discussion: Plastic Pollution Solutions***—Marcus Eriksen, PhD, 5-Gyres Co-founder; Mia Nixon, 5-Gyres Youth Ambassador; Ken DeForest, Division Manager, Waste Pro; Ben Gill, One Planet Living Manager; Maia McGuire, PhD, UF/IFAS Extension Florida Sea Grant Agent; Holly Rush, CEO Costa

#### **4:20 STUDENT PRESENTATION AWARDS**

**JUNK RAFT—BOOK SIGNING EVENT AND CASUAL COCKTAILS** Immediately following ShORE 2018. Atlantic Center for the Arts—Harris House, 214 S. Riverside Drive and casual cocktails at Riverpark Terrace, 302 S. Riverside Drive (Please contact ShORE@DaytonaState.edu for book inquiries)