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ShORE 2017 AGENDA

9:30 Registration

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; Eve Payor, Director of Community Programs, Harris House Atlantic Center for the Arts

10:15 *Blue Mind Keynote Speaker Dr. Wallace J. Nichols*

11:00 *The Indian River Lagoon: History, Policy and Protection* Clay Henderson, Executive Director, Stetson Institute for Water and Environmental Resilience

11:20 *The Parade of Elephants in the Lagoon!* Lori Morris, Environmental Scientist; Robert Chamberlain, Senior Environmental Scientist; and Chuck Jacoby, Supervising Environmental Scientist, Division of Water and Land Resources; Bureau of Water Resources, St. Johns River Water Management District

STUDENT ORAL PRESENTATIONS

11:40 *Underwater Visual Census: Comparing Visual and Video Techniques* Kaleigh Hunt (Stetson University) and Chad Macfie (Mentor, Marine Science Center)

11:50 *The Significance of Citizen Science Data Collection on the Indian River Lagoon* Taylor Benedetto (Atlantic High School) and Mrs. Stacey Bell (Mentor, Atlantic High School)

12:00 *Changes in Zooplankton Density in the Halifax River following Hurricane Irma* Kailey Richard and Jehmia Williams (Bethune-Cookman University) and Sarah Krejci, PhD (Mentor, Bethune-Cookman University)

12:10-1:15 LUNCH AND STUDENT POSTER SESSION

- *Multi-trophic Mangroves on a Mission* Kamela Jones (University of Central Florida) and Melinda Donnelly, PhD, Richard Baptiste, Jeff Beal, Annie Roddenberry and Paul S. Wills (Mentors, University of Central Florida)
- *Erosion Potential Caused by Boat Wakes in the Indian River Lagoon* Lailee Bottom (University of Central Florida) and Kelly Kibler, PhD (Mentor, University of Central Florida)
- *Manatees, Mangroves, and Humans in the Indian River Lagoon* Cheniene Clemens (University of Central Florida) and Linda Walters, PhD (Mentor, University of Central Florida)
- *Identification of Proxy Indicators of Salt Marsh and Mangrove Communities for Application to Soil Core Analysis* Camryn Soehnlein (Stetson University) and Benjamin Tanner, PhD, Jason M. Evans, PhD (Mentors, Stetson University)
- *Oysters on the Half-shell with a Side of Plastic* Lyle Williams and Michelle Metts (Daytona State College) and Debra Woodall, PhD (Mentor, Daytona State College)
- *Gone with the Tide: Impact of High Water on Boring Sponge Establishment* Alyssel Tanbari, Sheridan Strang, Cynthia Maza Perez, Katie Adams, Elizabeth Boggs and Jesse Blount (University of Central Florida) and Iris J. Fang and Linda Walters, PhD (Mentors, University of Central Florida)

- ***Mangrove Friend or Foe: Uncovering the Effects of Wrack Accumulation on Mangrove Growth in Mosquito Lagoon's Shoreline*** Julia Carlin, Noah Friedland, Taylor Martin, Jessica Needham, Tori Golston, Melinda Paduani, Rebecca Sweatman, Michelle Shaffer and Suzanne Conner (University of Central Florida) and Melinda Donnelly, PhD and Linda Walters, PhD (Mentors, University of Central Florida)
- ***Plastic Under a Microscope: Accumulation of Microplastics in Oyster Spat in Mosquito Lagoon*** Megan Robbins (University of Central Florida) and Linda Walters, PhD (Mentor, University of Central Florida)
- ***Sea Sponges*** Jesse Blount (University of Central Florida) and Iris Fang (Mentor, University of Central Florida)
- ***A Story of Sea-level Rise Adaptation in Satellite Beach*** Savannah Hardisky (Stetson University) and Jason M. Evans, PhD (Stetson University)

OYSTER STORYTELLING YOGA

1:00-1:15 Yoga with Michelle Shaffer (bring your yoga mats! Outside weather permitting)

AFTERNOON SESSION

1:15 ***Marine Debris in Florida: Wildlife and Habitat Impacts and the Collaborative Approach to Addressing the Issues*** Jennifer McGee, PhD, Statewide Coordinator, Florida Beaches Habitat Conservation Plan and FWC Marine Debris Team

1:35 ***Oyster restoration, living shoreline stabilization and community engagement in the Indian River Lagoon*** Linda Walters PhD, Professor and Pegasus Professor, University of Central Florida

1:55 ***Get a Grip! Understanding Nutrient Pollution in Florida and its Effects on Local Waterways*** Antony Rios, Project Engineer, Environmental Conservation Solutions, LLC

2:15 ***Modeling Coastal Flooding and Community Impacts: Implementing Resiliency Through Data-driven Analyses*** Jason Evans, PhD, Associate Professor of Environmental Science and Adam Carr, Stetson University

2:35 ***The State of the Indian River Lagoon*** Duane DeFreese, PhD, Executive Director IRL Council & Indian River Lagoon National Estuary Program

2:55 ***The Blue Community*** Dave Randle, PhD, Director of Sustainable Tourism, University of South Florida

3:15 ***Project H2O and the Fourth "E"*** Kelli McGee, J.D., President, Natua Strategies

3:35 ***The Fourth 'E': Panel Discussion*** Chad Truxall, Executive Director, Marine Discovery Center; Wallace J. Nichols, PhD author of Blue Mind; Jeremy Blinn, Secondary Science Curriculum Specialist Volusia County; Eve Payor, Director of Community Programs, Atlantic Center for the Arts; Debra W. Woodall, PhD, Director Institute of Marine and Environmental Studies Daytona State College; and Shailesh Patel, Dredging and Marine Consultants

4:05 **STUDENT PRESENTATION AWARDS AND RAFFLE PRIZES**

BLUE MIND—BOOK SIGNING EVENT AND CASUAL COCKTAILS

Immediately following ShORE 2017. Atlantic Center for the Arts—Harris House, 214 S. Riverside Drive and casual cocktails at Riverpark Terrace, 302 S. Riverside Drive (Please contact ShORE for book inquiries)