



**Woods Hole
Partnership Education
Program**

**Friday August 11, 2017
Sea Education Association
171 Woods Hole Rd
9 AM – 1:30 PM**

Join us as the PEP 2017 class presents their summer research

| Name Institution | Title of Presentation (Advisor) | Time |
|---|--|-------------|
| Kayla Marie Jones Tuskegee University | <i>Effects of Mud Substrates on Growth and Asexual Nematostella vectensis</i> (Ann Tarrant, WHOI) | 9:05 |
| Adryne Jones Central Michigan University | <i>Determining a Valid Aging Method for Monkfish (Lophius americanus)</i> (Anne Richards, NOAA-NMFS) | 9:20 |
| Matthew Durst- Scarlett Fort Valley State University | <i>Marginal Incremental Analysis of Lophius americanus</i> (Anne Richards, NOAA-NMFS) | 9:35 |
| David Davis Georgia State University | <i>Vanadium Isotope Analysis: A Story of Early Solar System Formation and Irradiation</i> (Sune Neilsen, WHOI) | 9:50 |
| Craig Dawes City University of New York | <i>Assessing the Temporal Relationship Between Morphotype and Genotype for Ciliate Data from The Martha's Vineyard Coastal Observatory</i> (Heidi Sosik & Stace Beaulieu, WHOI) | 10:05 |
| Amber Durand Howard University | <i>Goo in the Gut: Methods for Preserving the Spatial Organization of the Gut Microbiome</i> (Jessica Mark Welch, MBL) | 10:20 |
| Cari Harris Morgan State University | <i>Quantifying the Economic Impact of the Local Aquaculture Industry</i> (Eric Thornburg & Barbara Rountree, NOAA-NMFS) | 10:35 |
| Tyler Randall St. Mary's College of Maryland | <i>Cataloguing the Ocean: Using Imagery to Define Marine Life Forms and Pollution Sources</i> (Scott Gallagher, WHOI) | 10:50 |

| Name Institution | Title of Presentation (Advisor) | Time |
|--|---|-------|
| BREAK | | 11:05 |
| Deborah Leopo University of California, Santa Cruz | <i>Influence of Pre-Existing Communities on Settlement Following a Catastrophic Event</i> (Lauren Mullineaux, WHOI) | 11:15 |
| Franklina Yeboah University of Maryland Eastern Shore | <i>“You are what you eat!”: Use of Stable Isotopes to Distinguish Between the Habitat and Trophic Level of Sea-Turtles</i> (Maureen Conte, MBL) | 11:30 |
| Lynnette Reed University of California, San Diego | <i>Carbon Inventory of the Woods Hole Research Center Campus</i> (Kathleen Savage, WHRC) | 11:45 |
| Carlos Rivero Amherst College | <i>Advancing the Use of Infrared Spectroscopy for Rapid Characterization of Organic Matter</i> (John Sanderman, WHRC) | 12:00 |
| Victoria Roberson Auburn University | <i>Determining the Warming Effect of Greenhouse Gases in Waquoit Bay</i> (Jim Tang, MBL) | 12:15 |
| Miranda Van Allen University of Rhode Island | <i>Redox Soil Chemistry in Natural, Impounded, and Restored Salt Marshes</i> (Meagan Gonnee, USGS) | 12:30 |
| Miraflor Santos New York University, Abu Dhabi | <i>Quantifying Primary Productivity of Algae in Seagrass Meadows</i> (Matthew Long, WHOI) | 12:45 |
| Elizabeth Smith Spelman College | <i>A Novel Method for Analysis of Dissolved Inorganic Carbon Concentration and $\delta^{13}\text{C}$ by Cavity Ring- Down Spectroscopy</i> (John Pohlman, USGS) | 1:00 |

Closing Remarks, Graduation of PEP Students and Reception – 1:15 PM

THIS EVENT IS FREE AND OPEN TO THE PUBLIC

The presentations will be held in the lecture hall (2nd floor) at the Sea Education Association. Visitors can enter through the glass doors at the top of the stone stairway at the front of the building. Upon entering the building proceed straight into the main hallway and to the right. The lecture hall is at the rear of the main lobby.