

WHOI Undergraduate Poster Sessions, Aug 10, 2023 - Clark 507

Session I - AOPE, G&G, PO (10am-noon)	
Andrea Belvis Aquino (SSF) University of Puerto Rico: Mayaguez <i>Advisor: Caroline Ummenhofer, PO</i>	Ocean Salinity and Rainfall Variability: Predicting Wheat Yields in Australia
Joseph Carrigg (SSF) Oregon State University <i>Advisor: Lisan Yu & Viviane Menezes, PO</i>	In Situ Data Analysis of September Ocean Surface Energy Balance in the Beaufort Sea
Ianna Gilbert (SSF) Brandeis University <i>Advisor: Yogesh Girdhar, AOPE</i>	Automatically Detecting Changes in Coral Reef Cover in St. John's, USVI
Adin Handler (SSF) Harvard University <i>Advisor: Anna Michel, AOPE</i>	Assessing Pre-Filter Bias in A Flow-Through Microplastic Sensor
AKM Sadman Mahmud (SSF) Bucknell University <i>Advisor: Alison Macdonald, PO</i>	Antarctic Bottom Water Warming in Eastern Pacific Southern Ocean
Sara Martin Alis (SSF) University of Vigo, Spain <i>Advisor: Olivier Marchal & Alan Condron, G&G</i>	Pathways of Glacial Meltwater from the Hudson Strait into the North Atlantic Ocean: Insights from Eddy-Resolving Model Simulations
Katherine Papas (SSF) University of Massachusetts Amherst <i>Advisor: Cassandra Costa, G&G</i>	Is CaCO ₃ preservation in the Central Equatorial Pacific tied to organic carbon fluxes over the last deglaciation?
Valeria Pérez Rivera (SSF) University of Puerto Rico: Mayaguez <i>Advisor: Rob Sohn, G&G, & Julia Guimond, AOPE</i>	The Effects of Storm Events on the Soil Temperature of Salt Marshes
Michelle Sangillo (SSF) Worcester Polytechnic Institute <i>Advisor: Madison Smith, AOPE</i>	Investigating drivers of landfast sea ice breakup
Nora Sauers (SSF) North Carolina State University <i>Advisor: Scott Lindell, AOPE</i>	Identifying Heat Tolerant Strains of Sugar Kelp (<i>Saccharina latissima</i>)
Charlotte Simpson (SSF) University of Oxford, UK <i>Advisor: Jeff Donnelly, G&G</i>	Using computed tomography to characterize ice rafted debris in Kobbefjord, Greenland over the last 4,800 years
Nash Ward (SSF) University of Utah <i>Advisor: Claudia Cenedese, PO, & Alan Condron, G&G</i>	SIS; A new iceberg deterioration mechanism
Catherine Zhang (SSF) Yale University <i>Advisor: Nicolas Foukal, PO</i>	The seasonal variability of the Atlantic Meridional Overturning Circulation

Session II - BIO, MC&G, MPC, USGS (2pm-4pm)	
Victoria Abunaw (SSF) Cornell University <i>Advisor: Mei Sato and Rubao Ji, BIO</i>	Zooplankton ecology on the Northeast U.S. shelf
McCaela Acord (CC-CREW) Cape Cod Community College <i>Advisor: Carolyn Tepolt, BIO</i>	Prevalence and Distribution of Novel Microparasite in Deep Sea Hydrothermal Vent Crabs
Sebastian Alvarez (SSF) California State University: Channel Islands <i>Advisor: Meagan Eagle, USGS</i>	Implications for Salt Marsh Restoration: Carbon dioxide emissions following peat rewetting
Elizabeth Companion (SSF) University of North Carolina, Asheville <i>Advisor: Jesús Pineda, BIO</i>	<i>Chthamalus fragilis</i> : Reproductive timing, fecundity and settlement face in the little gray barnacle

Johnny Garcia (CC-CREW) Holyoke Community College <i>Advisor: Colleen Hansel, MC&G</i>	Improving Growth and Health of the Coral <i>Orbicella</i>
Yasmin Hamilton (SSF) Amherst College <i>Advisor: Adam Subhas, MC&G</i>	Testing the Impact of Mg/Ca and $[SO_4^{2-}]$ on the Growth and Calcification of <i>E. huxleyi</i>
Brenden Irving (CC-CREW) Massasoit Community College <i>Advisor: Collin Ward, MC&G</i>	Biodegradation of Next-Gen "Eco-Friendly" Straws
Miles Jordan (SSF) Florida Agricultural and Mechanical Univ. <i>Advisor: Lauren Mullineaux, BIO</i>	Movement ecology of deep-sea snails on inactive hydrothermal vent features on the East Pacific Rise
Isis Kees (PEP) Cal Poly Humboldt <i>Advisor: Lauren Mullineaux, BIO</i>	Hydrothermal Vent Communities in Late-Stage Succession along the East Pacific Rise
Julia Kelso (SSF) Cornell University <i>Advisor: Carolyn Tepolt, BIO</i>	Impact of Individual Plasticity and Genotype on <i>C. maenas</i> Heat Wave Response
Rachel Lamoureux (CC-CREW) Cape Cod Community College <i>Advisor: Julie Huber & Gretta Serres, MC&G</i>	Discovery and Classification of Deep Sea Microbes from Hydrothermal vents
Maya Lozinsky (SSF) Scripps College <i>Advisor: Micheal Weir, MPC</i>	Ocean Literacy & Willingness to Pay to Protect the Ocean Twilight Zone
Hunter Milles (SSF) Oberlin College <i>Advisor: Camrin Braun, BIO</i>	Characterizing seasonal whale shark habitat and distribution in the western North Atlantic using species distribution modeling
Jill Paquette (SSF) Davidson College <i>Advisor: Heidi Sosik & Emily Peacock, BIO</i>	Ciliate seasonality across the New England Shelf
Kiran Patil (SSF) Juniata College <i>Advisor: Peter Barry, MC&G</i>	Helium and Carbon Characteristics of South American Volcanic and Geothermal Systems
Casper Pratt (SSF) California Polytechnic State University: San Luis Obispo <i>Advisor: Zhaohui Aleck Wang, MC&G</i>	Capturing Carbon with Olivine in Marshes
Cody Quiroz (SSF) University of Michigan <i>Advisor: Collin Ward, MC&G</i>	Evaluating Dissolved Organic Carbon Recovery via Nanofiltration
Taina Sanchez (PEP) University of Miami <i>Advisor: Stace Beaulieu, BIO</i>	Patterns at the Edge: Ocean Biogeochemistry at the Edge of the Northeast U.S. Shelf Revealed by Autonomous Underwater Vehicles (AUVs)
Daniel Sibrian (CC-CREW) Manchester Community College <i>Advisor: Julie Huber & Gretta Serres, MC&G</i>	Discovery and Classification of Deep Sea Microbes from Hydrothermal vents
Tsugumi Yamashita (SSF) Clark University <i>Advisor: Yaqin Liu, MPC</i>	Nutritional Access and Global Seafood Trade
Connor Young (SSF) University of Rhode Island <i>Advisor: Matt Long, MC&G</i>	Design of a Small-Scale Underwater Sensor System
Teodora Zhivkova (CC-CREW) Cape Cod Community College <i>Advisor: Scott D. Wankel, MC&G</i>	Physical and Biogeochemical Dynamics of Siders Pond