







Fellow Cohort – Davidson Fellowship 2022 to 2024

	NAME	RESERVE	UNIVERSITY	DEGREE	PROJECT TITLE
	Jenny Bueno	Apalachicola	Florida State University	M.S.	Using High Resolution Aerial Imagery to Quantify Rates of Mangrove Encroachment into Estuarine Habitats in Apalachicola Bay
	Sylvia Jacobson	Chesapeake Bay - Maryland	University of Maryland	Ph.D.	Plant, Soil, Microbiome Indicators of Coastal Wetland Migration
	Mary Bryan Barksdale	Chesapeake Bay - Virginia	Virginia Institute of Marine Science	Ph.D.	Optimizing Salt Marsh Restoration Strategies Using a Coupled Carbon-Sediment Transport Model
	Elizabeth Whitney	Delaware	University of Delaware	Ph.D.	Role of Dissolved Organic Matter in Alkalinity of Developed and Pristine Estuarine Waters
	Seth Robinson	Elkhorn Slough	University of Florida	Ph.D.	Assessing How Environmental Conditions Affect Recolonization of Vegetation in a Salt Marsh Restoration Site
	Amanda Free	Grand Bay	Mississippi State University	M.S.	Utilizing Microbial Source Tracking to Evaluate Temporal and Spatial Variation of Fecal Coliform Sources in the Grand Bay Reserve
	Grace McCulloch	Great Bay	University of New Hampshire	M.S.	Assessing the Ability of Saltmarsh Prioritization Tools to Predict Critical Habitat for Tidal Marsh Birds
	Nalani Olguin	He'eia	University of Hawaii, Manoa	Ph.D.	Ka lepo ke kumu wai, e hua'i ana ka lepo kai: Assessing Disease Risk from Feral <i>Felis catus</i> and <i>Sus scrofa</i> within the He'eia Watershed
	Kyra Fitz	Jacques Cousteau	Rutgers University	Ph.D.	Improved Range Projections for the Atlantic Croaker by Incorporating Local Adaptation into Ecological Niche Models

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	Natalia López Figueroa	Jobos Bay	University of South Florida	Ph.D.	Field Ecology of Upside-down Jellyfish (<i>Genus Cassiopea</i>) Populations and their Potential as Bioindicators of the Impact of Human Development in Coastal Ecosystems
	Jonah Jossart	Kachemak Bay	University of Alaska, Fairbanks	M.S.	Investigating Impacts of Alaskan Shellfish and Finfish Mariculture on Soft-sediment Benthic Ecosystems
	Kenneth Larsen	Lake Superior	Michigan Technological University	Ph.D.	Assessing the Potential Impacts of Climate Change on Water quality in a Large, Freshwater Estuary
	Kyle Runion	Mission-Aransas	University of Texas, Austin	Ph.D.	Assessing Tidal Salt Marsh Resilience to Global Change as a Consequence of Water Quality, Drought, and Sea Level Rise Impacts on Belowground Plant Productivity
	Mary Strickland	Narragansett Bay	Purdue University	Ph.D.	Barriers to and Opportunities for Conservation-oriented Adaptation to Climate Change in Narragansett Bay
	Daniel Bowling	North Carolina	North Carolina State University	Ph.D.	Assessing the Efficacy of Remote Sensing Tools to Map Intertidal Oyster Habitat and Generate a Fishery-Independent Survey Program for Sustainable Management
	Gwen Hopper	North Inlet-Winyah Bay	University of South Carolina	Ph.D.	Spatial and Temporal Variability in Dissolved Organic Matter Sources and Composition within the Winyah Bay Watershed
	Amy Wyeth	Padilla Bay	University of Washington	Ph.D.	Quantifying Pelagic Zooplankton Prey Availability for Juvenile Fish in Eelgrass Beds
	Olivia Won	San Francisco Bay	University of California, Santa Cruz	M.S.	Assessing and Advancing Social Equity and Justice Considerations in Nature-based Adaptation to Sea Level Rise in the San Francisco Bay

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	Wil Atencio	Sapelo Island	Georgia Southern University	M.S.	The Effects of Different Water Quality Conditions on Eastern Oyster, <i>Crassostera virginica</i> , Demographics and Disease Dynamics in Sapelo Island, Georgia
	Lara Breitreutz	South Slough	Oregon State University	M.S.	Evaluating Recovery Potential of Eelgrass (<i>Zostera marina</i>) From Seed Banks Under Ambient and Warming Scenarios in South Slough Reserve
	Natalie Grayson	Tijuana River	University of California, San Diego	Ph.D.	Microbial Dynamics and Responses to Pollution Gradients at the Tijuana River Reserve
	Hillary (Sullivan) Marchwinski	Waquoit Bay	Northeastern University	Ph.D.	The Interactive Effects of Altered Hydrology, Nitrogen Loading, and Restoration on Salt Marsh Nitrogen Cycling
	Jacob Dybiec	Weeks Bay	University of Alabama	Ph.D.	Interactive Effects of Nutrient Enrichment and Wave Energy on Plant Community Structure and Ecosystem Stability
	Helen Cheng	Wells	Northeastern University	Ph.D.	Identifying the Distribution of and Interactions Between Range-expanding Species (Black Sea Bass and Blue Crabs) and American lobsters