

Wednesday 1:00 - 2:30

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Anthropogenic Impacts	Community Ecology	Ecophysiology	Climate Change	CYCLE Connectivity (Voss)
Session Chair:	Gary H. Dickinson	Erin Hollander	Melissa A. May	Colette Feehan	Joshua Voss
1:00	Jeneil Patel , Adam Skarke- Remobilization and Movement of Phosphorus Contamination in Grand Bay NERR	Catheline Froehlich , Eleanor, M., Caves, Jolyon, Troscianko, Miranda, Gibson, Tommaso, Chiodo, Aurelien, De Jode, Korrie, Brown, Nina, Luckas, Benjamin, M., Titus- Why Nemo got its colors: uncovering the function of clownfish color patterns	Kaitlin Van Volkom , Jenn Dijkstra, ... Brittany Jellison- Shell morphology impacts physiological processes in the slipper limpet, <i>Crepidula fornicata</i> in two thermally distinct New England populations	Noam Altman-Kurosaki , Mark E. Hay- Ocean warming differentially impacts consumer-prey interactions: coral-consumer interactions in a warming ocean	Santiago Herrera , Nicole Pittoors, Luisa Lopera, Annalisa Bracco- Population connectivity of mesophotic octocorals in the northeastern Gulf of Mexico
1:15	Torrance C. Hanley , Loretta A. Fernandez, ... David L. Kimbro- Assessing variation in water pollutants and parasite communities between aquaculture grow-out methods and their effects on oyster health metrics	Mason Fitzgerald , Dr. Evan D'Alessandro, Allan Bright, Martine D'Alessandro- Predation Impacts on Restored <i>Acropora cervicornis</i>	Jolie Albery , Melissa May- Investigating the effects of habitat on the burrowing activity of hard clams (<i>Mercenaria</i> spp.)	Braden Haggart , Alexandra Perez, ... Andia Chaves Fonnegra- Sponges Exhibit High Resilience to Multi-Year Thermal Stress on Southeast Florida Coral Reefs	Nicole Pittoors , Sarah M. Tweedt ... Santiago Herrera- Environmental Filtering Shapes the Cryptobiome Community Structure in the Northwestern Gulf of Mexico Mesophotic Reefs and Banks
1:30	Sarah Newton , Rachel Brewton, Elizabeth Salewski, Michael McCoy, Cassandra Armstrong, Brian Lapointe- Examining relationships between sediment nutrients and <i>Halodule wrightii</i> in the southern Indian River Lagoon	Daniel M. Holstein , Benjamin H. Farmer- Multi-host epidemic modeling highlights potential misconceptions in stony coral tissue loss disease ecology and management	Melissa A. May - Filtration capacity for hard clam (<i>Mercenaria mercenaria</i>) under environmentally relevant conditions in Southwest Florida and restoration implications	David Malcolm , Alex Barth, Jordan Casey, Mevin Hooten, Ed Buskey- Salinity drives shifts in phytoplankton communities over seven years in a shallow Texas estuary	Luke McCartin , Nicole Pittoors, ... Santiago Herrera- Environmental DNA (eDNA) Distinguishes Benthic Communities in the northwestern Gulf of Mexico Mesophotic Reefs and Banks
1:45	Gary H. Dickinson , Sejong Yoon, Nate Sorvino, Sameer Kamal, Corin J. Hoppe, Isra Ahmad, W. Christopher Long- Carapics: A Web-based Platform for Semi-quantitative Analysis of Structural Change in Biological Samples	Erin Hollander , Tyler Smith, Peggy Fong, Rosmin Ennis- The combined impacts of thermal stress and interactions with a common macroalgae on the Caribbean coral, <i>Orbicella annularis</i>	Nick Williams , Tara Cronin, Michael Childress- Crayfish and their Hidden Tenants: Parasitic Partnerships in Ecosystem Interactions	Maddison Brown , Rémy Rochette, Heather Hunt- Investigating variation in cobble-bottom assemblages of fish and decapod crustaceans in the south-west Bay of Fundy over the past 17 years.	Annalisa Bracco , Luisa Lopera, Xing Zhou, Santiago Herrera- Ecosystem Connectivity in the northern Gulf: from corals to fish
2:00	Jesi Herterich , Paul Bologna- Impacts of Anthropogenic Structures on Recruitment of Benthic Fouling Organisms	Daniel Cryan , Craig Osenberg- Evaluating the indirect effects of cleaning mutualisms on reef coral-algal dynamics	Brenna Hutchings , Susanna López-Legentil, Patrick M. Erwin- Explore the core: depuration depletes transient bacteria without altering microbiome alpha-diversity in an ascidian	Colette Feehan , Henning Steen, ... Kjell Magnus Norderhaug- Thermal and predatory constraints shape latitudinal patterns of sea urchin recruitment in kelp forests	Joshua Voss , Ryan Eckert, ...Santiago Herrera- CYCLE: Characterization and Connectivity of Scleractinian Corals and Sponges in Flower Garden Banks National Marine Sanctuary and Beyond
2:15	Stacy Trackenberg , Terry A. Palmer, Natasha J. Breaux, Jennifer B. Pollack- Developing and refining indices of biotic integrity for Texas tidal streams	Juan Pablo Lozano-Peña , Madeleine Ward, ... Jordan M. Casey- Trophic partitioning among herbivorous coral reef fishes: insights from compound-specific stable isotope analysis on amino acids.	Grace Kennedy , Susanna López-Legentil, Petra Pjevac, Bradley Tolar- Investigating Nitrifying Microbes within Coastal Ascidians	Devan Hildebrand , Melissa Baustian, Davin Wallace, Kelly Tarnell- The Carbon Storage Potential of Seagrass Meadows in the Northern Gulf of Mexico	Ryan J. Eckert , Alexis B. Sturm, Gabrielle S. Pantoni, Santiago Herrera, Joshua D. Voss- Population genetic insights for key habitat-forming coral and sponge populations in Flower Garden Banks National Marine Sanctuary

Break 2:30-3:00

Wednesday 3:00-4:30

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Anthropogenic Impacts	Community Ecology	Benthic Monitoring	Climate Change	Scyphers Session (10 min talks)
Session Chair:	Katie O'Shaughnessy	Jacob Allgeier	Andrew Kough	Jordan M Casey	Steven Scyphers/Sarah Gibbs
3:00	James Powell , Edwin Cruz-Rivera, Paul Jobsis- Investigating the effects of Sargassum 'golden tides' on water quality parameters in St. Thomas, US Virgin Islands.	Abby Roche , Cassandra Glaspie- First Look at Benthic Communities Inhabiting WWII-Era Shipwrecks in the Mississippi River Delta	Sarah Leinbach , Nicole Hayes, David Gilliam- Habitat-specific coral assemblage recovery trajectories following a severe disease event	Andia Chaves-Fonnegra , Christopher Spagnolia , ... Sven Zea- Sponge Communities Prevail on Coral Reefs	Sarah L. Gibbs , Kelsi Furman , Gabrielle Canonico, Emmett Duffy, Steven Gray, Steven Scyphers- Ensuring sustainable, long-term access to living marine resources in a healthy environment
3:15	Natalia López-Figueroa , ... Pamela Hallock- Ecological interactions of upside-down jellyfish (Genus <i>Cassiopea</i>): Insights to their potential as bioindicators of nutrient enrichment in human impacted coastal environments	Alexander Barth , Zach Olson, Mevin Hooten, Casey Jordan- How does habitat shape forage fish distributions in Texas coastal bays?	Aaron Bartholomew , Jeneen Hadj-Hammou, ...John A. Burt- Bleaching impacts on the last remaining Acropora dominated reefs in the United Arab Emirates	Matías Gómez-Corrales , Tómas López-Londoño, ... Carlos Prada- Thermal Tolerance Across Depth-Segregated Corals	Captain Richard Rutland - Co-Produced Fisheries Science to Support Sustainable Access in the Gulf of Mexico
3:30	James Douglass , Avery Renshaw- Benthic habitat changes in southwest Florida's Caloosahatchee Estuary: Can we bring back the 1990s?	Melanie Carolan , Easton White, Michael Sigler, Michael Palace, Jennifer A. Dijkstra- Beneath the Waves: Unveiling Species Richness and Ecological Guild Associations in the Nearshore	Adeline McCullough , Marisa ValeCruz, ...Daniel Sasson- Assessing Habitat Usage of Atlantic Blue Crab (<i>Callinectes sapidus</i>) in the Ashley River and Charleston Harbor, SC	Laura C. Crane , Benjamin C. Gutzler, Jeremy Miller, Sammi Smith, and Jason S. Goldstein- Recruitment and persistence of the range expanding Atlantic blue crab in warming southern Maine estuaries	Scott Bannon - Co-Produced Science for Effective Fisheries Management in Mobile Bay
3:45	Tess Kelly , Edward J. Buskey- Influences on epifaunal macroinvertebrate community assemblages in the Mission-Aransas Estuary: a community metabarcoding approach	Samuel Shores , Zach Coyne, ... Martin Posey- SHA Dude! Strategic Habitat Area (SHA) Population and Size Distribution of Commercial and Recreational Fish in a River Estuary	Alexandra Rodriguez , Katherine Moore, Aaron Bland, Ron Baker- Monitoring sparse seagrass in turbid waters using UAS	Marcelina Martynek , Kristen T. Brown, Katie L. Barott- Priming for Survival: Investigating Host Physiology and Microbial Shifts in Coral Response to Marine Heat Stress	Johnny Marquez - Conserving and Restoring "Sportsman's Paradise"
4:00	Krista McCoy , Iris Segura-García, Michael W. McCoy, Todd Z. Osborne- The Mechanisms of Resilience Driving Evolutionary Rescue in the Super Clams of the Indian River Lagoon	Zach Coyne , Sam Shores, ... Martin Posey- Off the Deep End: An Analysis of Community Composition Between Shallow and Deep Water Habitats in the Cape Fear River Estuary	Andrew Kough , Benjamin Gutzler- Horror, homing and habituation: effects of translocation between aggregations of threatened queen conch	Jordan M Casey - Marine heatwaves imperil emblematic reef fishes by altering the energetic landscape of coral reefs	Bo Lusk - Citizen science for enhancing habitat restoration
4:15	Katie O'Shaughnessy , Charlie Martin- Standardized settlement tiles as a tool to understand fouling assemblages and manage non-native species in urbanized harbors	Jacob Allgeier , Katrina Munsterman , Seth Newsome- The energetic basis of extreme secondary production in patch reefs	Caitlin M. Young , Kelly Darnell- Changes in seagrass species distribution, condition, and cover over time at the Chandeleur Islands, LA identified through spatially explicit annual monitoring	M. Christina Vasquez - Osmotic tolerance of the mussel <i>Mytilus galloprovincialis</i> in fluctuating salinity environments	Tiara Thomas - Restoring indigenous values in caring for the land
					Kelsi Furman , Sarah Gibbs...Steven Scyphers- Integrating the functional importance of biodiversity in management of US marine ecosystems

Thursday April 3

Thursday 8:30 - 9:45

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Anthropogenic Impacts	Aquaculture	Benthic Monitoring	Diseases (Byers)	Biological Invasions
Session Chair:	LaTina Steele	Jessica Lunt	Christopher Wells	Jeb Byers	Paul Bologna
8:30	LaTina Steele , Paul J. Sampino- Effects of nutrient enrichment on growth and chemical defenses in invasive <i>Myriophyllum spicatum</i> and native <i>Ceratophyllum demersum</i>	Jason Goldstein , Laura Crane, Emily Dombrowski, Benjamin Gutzler, Steve Jury, Gabriela Bradt- Hemolymph-based molt prediction as a tool toward a soft-shelled green crab fishery in Maine	Cecilia Hampton , Breanna DeGroot, Benjamin Metzger, Kim Bassos-Hull, Luran Brewster, Matthew J. Ajemian- Sticking with it: a multi-sensor tag to reveal the foraging ecology and fine-scale behavior of elusive durophagous stingrays	Jeb Byers, April Blakeslee , John Wares- The Ecology and Evolution of Marine Parasites and Disease	Samantha Smith , Laura Crane, Kayla Cheney, Reuben Siegel, Benjamin Gutzler, Jason Goldstein- New kid on the block: Interactions between the range expanding Atlantic blue crab (<i>Callinectes sapidus</i>) and the invasive European green crab (<i>Carcinus maenas</i>) in the Gulf of Maine
8:45	Philip Gravinese , Hannah Craft, Alex Douwes, Gretchen Faraci, Morgan Jarrett, Shelby Perry, Chloe Potts, Emma Rosser, Abigail Smith, Lexi Trevillian- Do pH variable habitats provide refuge for stone crabs from ocean acidification?	Sarah W. Hutchins , Mallory A. Sea...Stephen G. Hesterberg- Physiological tolerance of three bivalve species (<i>Mercenaria mercenaria</i> , <i>Mercenaria campechiensis</i> , and <i>Crassostrea virginica</i>) to multiple stressors in Southwest Florida, USA	Christopher Wells , Howard Lasker- Long-term population dynamics of Caribbean octocorals to catastrophic events and climatic shifts	Jeff Shields - Insights into the use of sentinel studies to assess disease transmission in marine systems	Eleanor DiNuzzo , Celina M. Costa, Vanessa A. Costa, Haleigh Nogueira, Michael J. Sheriff, Sarah C. Donelan- Multiple predator effects in an invaded intertidal system
9:00	Alejandra Daniel , Tyler Cyronak, Daniel Gleason- The Role of Heterotrophy in the Resilience of <i>Oculina arbuscula</i> to Ocean Acidification	Demi Carballosa, Alvaro Aguayo , Sheila Kitchen- Metatranscriptomic analysis of the microbiome of octocoral <i>Swiftia exserta</i> after a year in captivity	Danielle Downey , Melanie Ponce, Lily Tubbs, Terry Palmer, Jennifer Beseres Pollack- Assessing spatial and temporal variability in benthic invertebrate communities in Texas beaches	Anya Brown , Marilyn Brandt, Amy Apprill- Adapting the disease triad to a spectrum for coral disease	Howard R. Lasker, Joseph Benz , Christopher D. Wells, Emily Anderson- The epibiont <i>Ophiothela mirabilis</i> on Caribbean gorgonians: the invasion that wasn't
9:15	Eleanor Tenbrink , Melissa Meléndez, Nick Hawco, Conall McNicholl, Lisa McManus, Hannah Barkley, Christopher Sabine, Keisha Bahr- Corals In Crisis: Is Ocean Alkalinity Enhancement a Solution?	Jessica Lunt , Randi Cannon, Delbert L. Smee- Be who you are, Eat what you feel: Oyster feeding efficiency by ploidy	Deanna (Ocean) , Rachel Brewton, ... Dennis Hanisak- A Demonstration Project for Seagrass Restoration in the Indian River Lagoon Based on <i>Ruppia maritima</i> (Widgeon Grass)	Sonora Meiling , Jason Quetel ... Marilyn Brandt- Has SCLTD Made it to the Flower Garden Banks? An Ecological Comparison of Disease Outbreaks	Paul Bologna, Angela Chemidlin , Anthony Tamberelli- Breaking the Benthic-Pelagic Life Cycle of Jellyfish
9:30	Gillian Smith , Taylor Queen, Jason Spadaro, Philip Gravinese- Do Caribbean King Crabs have the ability to physiologically tolerate thermal stress?	Michaela Edwards , Easton White, Brittany Jellison- Eastern Oyster (<i>Crassostrea virginica</i>) Responses to Predator Cues from European Green Crabs	Elizabeth Moore , Jennifer DeBose, Jeneil Patel, Cassy Porter, Havalend Steinmuller- Mind the Gap: a Characterization of the Macrobenthic Invertebrate Community of Grand Bay NERR	Marilyn Brandt, Amy Apprill , Adrienne MS Correa, Daniel Holstein, Erinn Muller, Laura Mydlarz- Prediction and Response to Emergent Diseases Infecting Coral Tissues (PREDICT): An interdisciplinary approach to understanding coral disease	Myles Wagner , Ziyu Wang, Colin Anthony, Edgardo Rivera, Marie Strader- Community generated data suggests a recent range expansion of the upside-down jellyfish

Break 9:45-10:15

Thursday 10:15-11:45

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Anthropogenic Impacts	Aquaculture	Benthic Monitoring	Diseases (Byers)	Biodiversity MarineGEO
Session Chair:	Randi Cannon	Christa M Russell	Gabrielle Nelson	John Wares	Katelyn DiBenedetto
10:15	Randi Cannon , Jessica Lunt, Eve Galimany, Delbert L. Smee- Oh Sh*t! The effect of ocean acidification on oyster feeding behavior	Kelsey Schultz , Randall Hughes, David Kimbro, Stephen Kirk, Julie M. Rose, Renee Mercaldo-Allen, Paul Clark, Jonathan Grabowski- Fish production and use of oyster aquaculture gear in comparison to natural habitats north and south of Cape Cod, Massachusetts	Eric Powell , Autumn L. Moya, Daphne M. Munroe, Roger Mann, Sarah Borsetti, Kelsey M. Kuykendall- Temperature, maximum size, and the atlantic surf clam <i>Spisula solidissima</i> : The sensitivity of demographics to climate warming, the perfidy of food, an a vignette on size-limited management in bivalve fisheries	Sara M. Rodríguez , Mario George-Nascimento; Valentina Martínez- You can't see the forest for the trees: Looking for patterns from infracommunities to component communities in trophically transmitted helminth parasites of marine fish from SE Pacific Ocean	Katelyn DiBenedetto , Leah Harper, Michael Lonneman, Michelle Rossmann, Martin Thiel, Emmett Duffy- The Power of Global Collaboration: Comparative Research to Track Change in Nearshore Ecosystems
10:30	Nathaniel H. Winn , Krista A. McCoy- Assessing Water Quality Trends and Environmental Stressors Through Two Decades of Citizen Science	Noah Gorman , Malcolm McFarland, Andia Chaves-Fonnegra- Efficacy of Diets in Commercial Bath Sponges	Gabrielle Nelson , Melissa A May- Surveying hard clam (<i>Mercenaria</i> spp.) predators in Charlotte Harbor Estuary, Florida	Chelsea L Wood , Gabriella Commisso, Armando J. Cruz-Laufer, Dakeishla M Díaz-Morales, Loren McClenachan, Randi L Rollins, Jan Slapeta, Connor Whalen- What is "normal"? Defining baseline states of infection for ecosystems	Simon Brandl - Energy availability and quality predict species richness across coastal marine ecosystems
10:45	Sarah Donelan - The case for legacy: past experiences affect organisms and ecosystems across marine systems	Christa M Russell , Benjamin A. Belgrad, Carter Lin, Jessica Lunt, Delbert L. Smee- Rising Tide: Finding a Niche for Restoration	Gabrielle Pantoni , David Gilliam, Shane Wever, Joshua Voss- Do size classes affect coral restoration success on St. Lucie Reef, Florida?	Megan Tomamichel - Temperature Effects on Disease	Isis Guibert , Emmett Duffy, Wendy McLeod, Elliott Miot, Michael Lonneman, Jonathan Leftcheck, David Michael Baker, et al. - Warmer seas change coastal microbial dynamics and reduce carbon storage
11:00	Lakean McGregor , Sarah Krejci- Examining the recovery rate of the <i>Syngnathids</i> spp. in the Indian River Lagoon	Abigail Halterman , Christa M. Russell, Benjamin Titus, Delbert L. Smee- Species Identification and Gene Flow Between Oyster Drills in the Northern Gulf of Mexico	Gbenga Demehin , Craig Osenberg- Predicting Thermal Performance of <i>Littoraria irrorata</i> in Salt Marshes	Amy E Fowler , April MH Blakeslee, Katrina M Pagenkopp Lohan, Mark E Torchin- Introduced marine parasites: a latitudinal perspective	J. Emmett Duffy , Michael L. Lonneman, Jonathan S. Lefcheck, Luis X. DePablo, and MarineGEO, ZEN, and TEN partners- Global macroecology of epifaunal invertebrates in seagrass habitats

<p>11:15</p>	<p>Eliza Patty, Hannah Craft, Gretchen Faraci, Rebecca Meburg, Chloe Potts, Abigail Smith, Lexi Trevillian, Daniel Holstein, George Xue, Philip Gravinese- Coastal Acidification and Warming Alter the Hatching and Geotactic Swimming Behavior of Florida Stone Crab Larvae</p>	<p>Megan A. Russell, Camille Berardone, Ashley Bobnar, Barbara Crouch, Valentina M. Garcia-Nunez, Andia Chaves-Fonnegra- The Fecundity of Horny Bath Sponges</p>	<p>Jessica Zehnpfennig, Christopher Meyer, Valerie Paul, L. Holly Sweat- Bridging the Genetic Gap: An analysis of eDNA markers to assess the potential for metabarcoding to infer ecosystem health in a subtropical estuary</p>	<p>Ian Hewson, Michael W. Henson, Christopher M. Derito, Mya Breitbart - Relationships between environmental variation, abundance, and inter-species competition of the globally significant pathogen, <i>Diadema antillarum scuticociliatosis</i> Philaster clade</p>	<p>Diamela De Veer, Gregory Ruiz, Martin Thiel, Emmett Duffy, Katelyn DiBenedetto, Michael Lonneman, Alison Cawood, Ninoshka Lopez, Isabella Arosemena, Elizabeth Westbrook, Ashley Arnwine, Jessica Hardee & Ocean Travelers II Partners- Spatio-temporal patterns of fouling communities colonizing anthropogenic marine debris along the Northwestern Atlantic coast</p>
<p>11:30</p>	<p>Zachariah Loreant, Carroll, B., Craft, H., Holstein, D., Smith, A., Xue, G., Gravinese, P.M.- How will climate change impact the larval supply of the Florida stone crab: a stochastic matrix model</p>	<p>Faith Hill, Nate Winn, Krista McCoy, Mike McCoy- Effects of Herbivory Exclusion Devices on Irradiance, Water Flow, and Sedimentation for Seagrass Restoration in an Estuarine Environment</p>	<p>John Brooks, DelWayne R Bohnenstiehl, David B Eggleston- Utilizing Passive Acoustic Monitoring to Characterize Spatiotemporal Chorusing Patterns of the American Silver Perch (<i>B. chrysoura</i>) in Beaufort Inlet, NC, USA</p>	<p>Marc E Frischer, Stephen C. Landers, Anna N. Walker, Shirley A. Powell, Richard F. Lee- Black gill disease in shrimp and other decapod crustaceans</p>	<p>Martin Thiel, Emmett Duffy, Nathan Brophy, Katelyn DiBenedetto, Ignacio Diaz, Gustavo M. Dias & MarineGEO Partners- Ten years after the introduction of the SquidPops: lessons learned and tasks for the future</p>
					<p>Guilherme Corte, Miranda Goad, Tara Thompson, Zachary Briggs, Allie Durdall, Kristin R. Wilson Grimes- Climate and urbanization impacts on sandy beach ecosystems: a field experiment before and after Hurricane Lee</p>
					<p>Panel Discussion</p>
<p>Lunch On Your Own 11:45-1:00</p>					

Thursday 1:00 - 2:30

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Anthropogenic Impacts	Seagrass	Benthic Monitoring	Diseases (Byers)	Lightning Talks (10 min)
Session Chair:	Mark Hay	Grace A. Breitenbeck	Matthew Ajemian	Erik Sotka	Rachel Brewton
1:00	Cassandra Cerasia , Coline Caillon, Jonathan Puritz- Effects Of Multiple Coastal Stressors on Larval and Juvenile Eastern Oysters (<i>Crassostrea virginica</i>)	Delaney St. Pierre , Paul Bologna- Grass species matters if you're a crustacean, but not a fish	Katherine P. Moore , Alexandra R. Rodriguez, Aaron Bland, Ronald Baker- Drone-based mapping and monitoring of change in patchy seagrass beds	Laura D. Mydlarz , Daniela Gutierrez-Andrade, Sonora Meiling, Marilyn Brandt- Linking gene expression to disease traits and survival outcomes in Caribbean corals	Veronica Williamson , Marilyn Brandt, Rachel Ionata, Joshua Patterson, Diego Lirman- The effect of coral species diversity on the growth, survivorship, and predation of <i>Acropora palmata</i> outplants.
1:15	Kevin A. Hovel , Lily C. Jorrick, Katharyn E. Boyer- Ocean acidification mediates eelgrass survival via direct and indirect effects	Nadya S. Gutierrez , Logan Timm, F. Joel Fodrie- Influences of landscape context on patch-level edge effects in model seagrass systems	Kelly Witters , Paul Bologna- Use of back-bay beaches as reproductive sites for the horseshoe crab, <i>Limulus polyphemus</i>	Erik Sotka , Allan Strand- Heritability of host responses to parasites in marine and estuarine communities	Savannah Paliotti , Stacy Zhang- Facilitation Dynamics in Salt Marshes: Investigating Mussel-Cordgrass Interactions Under Warming
1:30	Mark Hay , Noam Altman-Kurosaki- Overfishing, seaweed blooms, and our culturing of coral pathogens on reefs of the Anthropocene	Kyle A Capistrant-Fossa, Kelly M Darnell , Kenneth H Dunton- Carbon and Nitrogen Stocks in the Surface Mixed Layer of Seagrass Meadow Sediments across the Northern Gulf of Mexico	L. Holly Sweat, Emma Chesley , Jess Glanz- Digging deep: Assessing infaunal community function in a dynamic subtropical estuary	John Wares , April Blakeslee, Jeb Byers- The focus of disease ecology in marine ecosystems is particularly sharp	Charles W Martin, Zoey Hendrickson , Ashley M. McDonald, Kathryn A. O'Shaughnessy, John F. Valentine- Range expansion of Common Snook (<i>Centropomus undecimalis</i>) in coastal Alabama
1:45	Sydney McDermott , Mark Benfield, Craig McClain- Current Observations of the Condition of Deep-Sea Benthic Communities in the Immediate Vicinity of the Deepwater Horizon Wreckage	Patrick Biber - Assessing the Effectiveness of Seagrass Detection using Drone and Sonar Based Methods	Leonardo F. Reginato , Simon J. Brandl- CryptoVision: a deep learning framework for the automated identification of cryptobenthic coral reef fishes	April MH Blakeslee , Christopher S. Moore, Rachel K. Gittman- If you build it, they will come: Parasites as indicators of habitat restoration	Rachel Brewton , Megan Brewton, Dennis Hanisak- Moving forward from catastrophe in the Indian River Lagoon, FL: How seagrass nurseries can play a role in restoration
2:00	Jennifer A. Dijkstra , Constance Tyler, Brandon O'Brien, Glenna Dyson, Kristen Mello-Rafter- Using novel methods to distinguish the effects of macroalgae and physical substrate on fishes and crustaceans	Jessica E. Griffin, Kevin A. Hovel - Does environmental context alter clam and snail effects on eelgrass growth and survival?	Lindsay Dade , Tyler B. Smith- Mapping Rare and Endangered Coral Species in the U.S. Virgin Islands	Noah Tjandra , Lauren Fuess- Impacts of temperature stress on coral symbiosis and immunity using the model <i>Exaiptasia diaphana</i>	Katherine M. Pagán Rivera , Brittany Jellison, Easton White- Early Stages and Carry-Over Effects of Eastern Oyster (<i>Crassostrea virginica</i>) Responses to Hypoxic and Acidified Conditions
2:15	Travis Washburn - Ecological Impacts of Deep-Sea Excavation Tests on Sulfides and Crusts	Grace A. Breitenbeck , Christopher J. Patrick- Shell We Dance? Seagrass and Oysters in an Ecological Tango	Matthew Ajemian , T. Aran Mooney, Sarah Manuel, Struan Smith- Shifts in the benthic macrofauna community of Harrington Sound, Bermuda, and potential repercussions for a protected large mobile predator	Erin Papke , Grace Kennedy, Valerie Paul, Bradley B. Tolar, Blake Ushijima- The presence of virus-like particles may not indicate health state for SCTLD-affected corals from Florida	Carter Stancil , Michael Brewer, Charlotte Bickley, April Blakeslee- Parasite communities of a mud crab host often infected by an invasive rhizocephalan barnacle
					Elizabeth Urban-Gedamke , Austin Fox, Jeff Eble, Holly Sweat- Bare but not barren: characterizing bare-bottom benthic infaunal communities toward improving seagrass restoration potential

					Michael McCoy , Chris Moore, Krista McCoy- Parasites of crustaceans and fishes: a meta-analysis across intertidal systems and taxa
					Jonah Morreale , Michael Wauson, Bradley Peterson- Quantifying eelgrass (<i>Zostera marina</i>) blue carbon stocks through Long Island's South Shore and Peconic estuaries

Break 2:30-3:00

Thursday 3:00-4:30

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Anthropogenic Impacts	Chemical Ecology	Benthic Monitoring	Climate Change	Blitz Talk + Posters
Session Chair:	Sarah Roney	Jessica Hilliker	Nicole Krampitz	Molly Spencer	Lee Smee
3:00	Jonathan Ballard , Gillian Smith, Philip Gravinese- The Impacts of Thermal Stress on Stone Crab Physiology	Jorge Velazquez , Joshua Lord- Impact of Acute Fluoxetine (Prozac) Exposure on Hierarchy Formation in Shrimp	Mickie Edwards , Chris Patrick, Enie Hensel- Turning Over Meadows: The impact of stingray benthic foraging disturbances on coastal seagrass communities	Hailee Nigro , Zachary Darnell- Crab-tivating the Molt Process: Temperature-dependency of juvenile blue crab intermolt period and growth per molt	45, 1 minute presenters who will also do a poster
3:15	Micayla Cochran , M. Zachary Darnell- Quantifying Discard Mortality of Non-Target Crabs in the Gulf Blue Crab Fishery	Valerie Paul, Cassady Dougan , Lilyana Newman, Jennifer Sneed- Investigation of Waterborne Chemical Cues for Coral Larval Settlement	Nicole Krampitz , Tyler Smith- Too Hot to Handle: The Scope and Aftermath of the 2023 Thermal Event on Reefs in the U.S. Virgin Islands	Alaina Houser , Drew Moreland, George Waldbusser- The effect of environmental conditions on the shell composition of the Olympia Oyster, <i>Ostrea lurida</i>	
3:30	Bradley Peterson , Brittney Scannell, Lucas Ludica- Utilizing acoustic telemetry to assess habitat utilization of artificial reefs and their importance as foraging hot spots off the south shore of Long Island, NY	Christian Richter , Joseph R. Pawlik- Dissolved organic carbon as a potential food source for ascidians.	Rebecca Ruiz , DelWayne Bohnenstiehl, Dave Eggleston- Using Acoustic and Optical Survey Tools to Assess the Ecological Benefits of Restored Oyster Reefs of Pamlico Sound, NC	Christine Chan , W. Chris Long, Emily Ryznar- Effects Of Ocean Acidification And Increased Temperature On The Behavior And Physiology Of The Sea Star <i>Evasterias Troschellii</i>	
3:45	Isabel Nykamp , Jennifer Beseres Pollack, Michael Starek, Stacy Trackenberg, Terry Palmer, Zahra Hasan- Quantifying Human Disturbance on Texas Wind-Tidal Flats: A UAS-based Analysis	Benjamin Belgrad , Benton Jaco, Marisa Cepeda, Sarah Roney, Julia Kubanek, Marc Weissburg, Delbert Smee- What's in crab pee that scares oysters?	Robert Jarrett , Kathleen Reardon, Robert Steneck, Damian Brady- Multiple independent indicators of American lobster in Maine: Patterns in space and time	Isabelle Neylan , Rujuta Vaidya, ... Morgan Kelly- Evidence for genetic assimilation and accommodation in adaptive heat tolerance across populations of the splash pool copepod <i>Tigriopus californicus</i>	
4:00	Sarah Roney , Kevin Haas, Thomas Bliss, Marc Weissburg- Oyster reef living shorelines reduce wave energy from recreational boating traffic along the Savannah River	Jessica Hilliker , Delbert L. Smee- How does the threat perception of oysters change through time?	Samuel Copley , Craig McClain- Temporal Dynamics in a Shallow-Water Benthic Community	Bethany Kiley , Dorothy Byron, Charles Martin- Utilizing phenotypic plasticity in <i>Vallisneria americana</i> to optimize restoration techniques	
4:15	Anna Reimer , Charles Martin- Effects of Herbicide on Estuarine Eurasian Milfoil (<i>Myriophyllum spicatum</i>)	Kyler M. Sloan-Verkler , Megan C. Laufer, Joseph R. Pawlik- Dissolved organic matter as a potential food source for gorgonians	Shannan McAskill , Loraé T. Simpson- Evaluation of long-term water quality across the Northern Coastal Basin in Northeastern Florida and implications for coastal habitat management	Molly Spencer , Eric N Powell, John Klinck, Dan Hennen- How will climate-induced changes to species distributions impact stratified random stock survey design: the case of the Atlantic surfclam, <i>Spisula solidissima</i> , over the remainder of the 21st century	

Poster Session 5:00-7:00

Friday April 4

Friday 8:30-9:45

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Anthropogenic Impacts	Community Ecology	Coral Reefs	Lightning Talks	Biodiversity
Session Chair:	Jonathan Puritz	Adam Wolff Jung	Daniel Gleason	Zoey Hendrickson	Michael Childress
8:30	Antony Knights , Charlotte Clubleby, Molly James, David Bilton, Laura Bachmaier- How to predict change in ecological network functioning in the Anthropocene	Paige Siegel , Rachel Gittman- Evaluating the role of habitat characteristics and proximity on oyster settlement within North Carolina estuaries	Benjamin H Farmer , Sara Williams, ... Daniel M Holstein- Highly accurate predictive epidemic modeling of a stony coral epizootic in different reef communities and environments	Jonathan Mai , Delbert L. Smee- Induced Defenses Modify Predator Efficiency: Foraging Decisions of the Southern Oyster Drill <i>Stramonita haemastoma</i>	Anna Metzger , Luke Stoeber, Kea Payton, Michael Childress- Hidden in Plain Sight: Assessing Marine Cryptofauna Communities of the Florida Keys
8:45	Jennifer De Bose , Archer M, Gray A, Moore E, Patel J, Pitchford J, Porter C, Steinmuller HE- Downstream Signatures of Upland Change	Olivia Fletcher , Vanessa M.C. Fernandes, Marguerite Koch-Rose- Environmental Conditions Shape Seagrass Rhizosphere Microbiome in Florida Bay	Daniel Gleason - Unsolved Mysteries: How many coral larvae are out there?	Shannon Dalessandri , Scott Phipps, Eric Brunden, Kenneth Hoadley- Using novel low-cost instrumentation to monitor primary productivity in Week Bay NERR with high spatial and temporal resolution	Michael Childress , Tokea Payton, Luke Stoeber, Sarah Rider, Camille White- Loss and resiliency of Florida Keys coral reef communities after marine heat wave
9:00	Nicholas Parr - Seagrass recovery after removal of derelict fishing trap	Neida Villanueva Galarza , Jon Grabowski- Observing the Behavioral Effects of Range Expanding Species on the American Lobster	John (Jack) Girard , Matias Gomez-Corrales...Carlos Prada- Ex-situ Fragment Propagation of Mesophotic Octocorals on the Mississippi-Alabama Shelf	Mic Schulte , Cameron Bolles, Rachel Gittman, April Blakeslee- Climate-driven expansion of <i>Petrolithes armatus</i> : population trends, reproduction, and parasitism	Sean Richards , Maximilian H. K. Hesselbarth, Jacob E. Allgeier- Rising temperature non-additively alters how different dimensions of biodiversity affect ecosystem-scale processes
9:15	Jonathan Puritz , Johanna A. Harvey, Kathleen E. Lotterhos- Assessing the evolutionary response of eastern oyster larvae to exposure coastal acidification and sewage effluent: A case study	Donaven Baughman , Joel Trexler, Dan Okamoto- Size structure and survival of oysters (<i>Crassostrea virginica</i>) correlate negatively with abundance of gastropod predators on degraded oyster reefs	Megan C. Laufer , Kyler M. Sloan-Verkler, Joseph R. Pawlik- Assessing benthic cover and food availability across mesophotic depths: Trends in the Flower Garden Banks National Marine Sanctuary	Cynthia Hays , Torrance Hanley, A. Randall Hughes- Mating system variation across the depth gradient in <i>Zostera marina</i>	Anderson Smith , Peyton White, Kelly Peterson, John Wares- Spacing out: measuring geographic patterns of genetic diversity in an ecosystem engineer mussel (<i>Geukensia demissa</i>)
9:30	Michele Guidone, Jennifer Johnson , Alisha Merced- Consumption of microplastic fiber and foam by the fiddler crab <i>Leptuca pugilator</i>	Adam Wolff Jung , Sean P. Powers, Mark A. Albins, Crystal L. Hightower- Comparison between Spherical Baited Remote Underwater Video (SBRUV) and Remotely Operated Vehicle (ROV) surveys in offshore Alabama	Gaby E Carpenter , Benjamin H Farmer, ...Daniel M Holstein- Predicting coral disease outbreaks and community spread at a remote Western Atlantic reef	Zoey Hendrickson , Charlie Martin- Synthesizing past and novel approaches to measuring aquatic plant structural complexity: implications for habitat provision and faunal use	Emily Savoie , Cassandra Glaspie- Impacts of Multi-Year Drought on Benthic Macrofauna Diversity in Lake Borgne
				Sarah Stagner , Alyson Lowell, Bradley Peterson- Exploring the effect of maternal investment in increasing seed viability of <i>Zostera Marina</i> under high temperatures	
				Justina Dacey , Ashley Smyth, A.J. Reisinger, Camila Del Sol Pina- Battle of the Bivalves: Oysters and Mussels Enhance Nitrogen Removal in a Subtropical Estuary	

Break 9:45-10:15

Friday 10:15-11:45

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Fisheries	Community Ecology	Coral Reefs	Ecosystem Ecology	Biodiversity
Session Chair:	Crystal L. Hightower	Joshua Lord	Joseph Pawlik	Keith Walters	Gabrielle Davis
10:15	Casey Butler , Bigelow, W.F., Zitzman, L., Hannah, C.M., and Matthews, T.R.- Healthy Bait, Healthy Harvest: A Reflex-Based Approach to Better Catches and a Stronger Spiny Lobster Fishery	Louise Firth , Stephen J. Hawkins, Paul Gribben, Aeden Cooper, Antony M. Knights- Grazer, Sculptor, Vector, Key: the overlooked role of limpets as ecosystem engineers in hard bottom ecosystems	Sarah M. Luongo , Katrina S. Munsterman, Jacob E. Allgeier- Energy seascapes: energetic costs of foraging bouts vary in a common reef fish	Keith Walters , Charles Martin, Thomas Funk- Effects of variable salinity regimes on nekton use of newly created intertidal oyster reefs	Megan I. McCuller - Hidden Biodiversity in Natural History Museums: A Case Study
10:30	Crystal L. Hightower , Sean P. Powers, and Blakeley Ellis- Biotelemetry of Adult Red Drum, <i>Sciaenops ocellatus</i> , Along the Northern Gulf Coast	Matt J. Pierce, Katherine Hollister , James E. Byers- Elevation, not geomorphology, controls predation and organismal distribution on salt marsh creekbanks	Ashley Gambrell , Michael Childress, Emily Griffin- The Smell of Fear: Spiny Lobster Impacts on Sea Urchin Behavior	Amanda Pysher , Keith Walters- Coastal Transition Zone Development Effects on Salt Marsh Ecology	Kambrial Love , Brent Thoma, Steve Morton, Andrew Shuler- Phytoplankton Community Composition: Integrating Morphological and Molecular Approaches
10:45	Benjamin Gutzler , Jason Goldstein, Lauren Staples, Steve Jury, Josh Carloni- Nutritional correlates of egg clutch success in American lobsters	Rylee Allen , Paul Bologna- Prevalence of parasites in the Comb Jelly, <i>Mnemiopsis leidyi</i> , size DOES matter.	Karen Neely , Robert J. Nowicki, Michelle A. Dobler, Kevin A. Macaulay, Sydney M. Gallagher, Arelys A. Chaparro, Kathryn A. Toth- Brick by brick: The efficacy and efficiency of keeping corals alive through disease intervention	Kelsey Hofheinz , Ronald Baker, Alexandra Rodriguez- Quantifying fisheries habitat enhancement of Living Shorelines	Luke Stoerber , Michael Childress- Crumbling Coral: Investigating How Changes in Structural Complexity Impact Cryptofauna Communities
11:00	Joyce Velos, Simon Brandl - The role of taxonomic identity and food sources for fatty-acid profiles of Gulf coast fisheries species	Stephanie Hendricks , Amy L. Tan, Katherine M. Buckley, Marie E. Strader- The role of temperature on the establishment of the microbiome and consequences for larval infection	Danielle Tenberg , Diego Lirman- Investigating the influence of <i>Dictyota</i> spp. algae on growth and predation susceptibility of nursery-raised Atlantic corals	Finella Campanino , Savanna C Barry, Laura K Reynolds- Linking seagrass and hard-bottom habitats via primary productivity	Mariana R.-Higuera, Simon Brandl - Taxonomic and functional community structure of cryptobenthic reef fishes in the Western Atlantic
11:15	Zahra Hasan , Jennifer Beseres-Pollack, Kim Withers, Stacy Trackenberg, Terry Palmer, Isabel Nykamp- Developing Methods for Cyanobacterial Mat Restoration on Wind-Tidal Flats in South Texas	Joshua Lord , Nora Carlson- Mobbing, Dominance, and Aggression in Grass Shrimp	Taylor Queen , Jason Spadaro, Jaclyn McFadden, Philip Gravinese- Influence of Chemical Cues on Larval Settlement and Survival in Caribbean King Crabs (<i>Maguimithrax spinosissimus</i>): Implications for Coral Reef Restoration	Zachary Czoer , Natalie Boydston, Paul Medders, Cameron Brinton, John Carroll- The Effectiveness of Bagged Oyster Shells in Conserving Georgia's Salt Marshes	Gabrielle Davis , Jessica Lunt, Ben Belgrad, Christa Russel, Randi Cannon, Jessica Hilliker, Delbert L. Smee- Long-Term Monitoring of Community Development and Oyster Persistence on a Restored Reef
11:30	K. Blue Pahl , S. Dalessandri, V. Bonito, M. Warner, G. Lockridge, K. Hoadley- Using Non-Destructive Fluorometry to Identify Heat-Resilient Corals for Conservation in Fiji	Martin Posey , Zachary Coyne, Samuel Shores, Allison Lapinsky, Christian Briseño-Avena, Troy Alphin- Community Composition and Dynamics in a Cape-Associated Shoal Habitat	Joseph Pawlik - Giant barrel sponges are ecosystem engineers on tropical reefs in transition	Christopher Grant , Sophie Wong, Grace McDermott, Marina Villoch, Erinn Muller, Mark Warner, Kenneth Hoadley- Characterizing intraspecies functional variability and thermal resilience within <i>O. faveolata</i> corals using novel instrumentation	Craig McClain - Abundance, Niche Diversity, and Differential Species Effects Impact Ecosystem Function on the Bottom of the Ocean

Lunch On Your Own

Friday 1:00-3:00

	Bon Secour I	Bon Secour II	Bon Secour III	Mobile Bay Ballroom	Jubilee Suite
	Pop Ecol/Recruitment/ Life Hist	Community Ecology/Climate Change	Coral Reefs	Ecosystem Ecology	Biodiversity
Session Chair:	John Carroll	Janie Wulff	Benjamin Titus	Justin Scioli	Elianna M.K. Fox
1:00	Daniel Sasson , Elizabeth Scott, Lenny Yong, Michael Kendrick- Comparing the developmental rates and transcriptomes of horseshoe crab embryos reared in salt marsh and beach habitats	Janie Wulff - Collaboration among phylum mates rebuffs aggressive competitors and habitat-wreckers	Erin Borbee , Roh-Allah Jalil, Lauren Fuess- Transcriptomics reveal energetic, immune tradeoffs associated with coral-algal symbiosis	Alyson Hall , Grace D. Molino, ... Christopher J. Patrick- Seagrass Carbon Stocks in a Changing Estuary: Defining the Role of Species, Traits, and Environmental Drivers	Grace Loonam , Rachel Gittman, ... April Blakeslee- Changes in mobile biodiversity five years post-restoration: how time, restoration approach, and restoration location influence restoration success
1:15	John Carroll , Luke Sundquist, Elizabeth Hunter- Mama tried: Maternal investments and hatching success in loggerhead sea turtles	Isabel Moyer , Kelsey Hofheinz, Alexandra Rodriguez, Ronald Baker- Using underwater video to quantify fish community responses to seagrass restoration	Kendall Hovius , Michael Robinson- UV Reflectance and Sexual Dimorphism in Damselfish	Riley Timbs - Dark and Stormy: Barriers to Submerged Aquatic Vegetation Recovery after Hurricane Irma in a Tidally Influenced Dark Water River.	Julian Venable , Brent P. Thoma- Determining the Diet of <i>Lepidophthalmus louisianensis</i> through Environmental DNA Metabarcoding
1:30	Garrett J. Maggio , April M.H. Blakeslee, ... Michael W. McCoy- Evidence of Host Ecology within the Population Genetic Structure of a Unique Parasitic Trematode	Hannah E. Craft , Eliza Patty, ... Daniel m. Holstein- Larvae lost at sea: Climate change alters larval behavior and disrupts patterns of dispersal and connectivity in Florida stone crab	Kara Titus , Castellon R., ... A. Correa- Fish Feces as an Environmental Pool of Viable Symbiodiniaceae: Insights from Caribbean and Pacific Reefs	Heather Bruck , Joel Fodrie- Stingray bioturbation as a key influence on eelgrass (<i>Zostera marina</i>) seed density and distribution in temperate estuaries.	Cailin Harrell - Impacts of 2023 Severe Bleaching Event on Wider Coral Reef Community
1:45	Kharis Schrage , Evangeline Fachon, Loreley Lago, Mrunmayee Pathare, Stephanie Lim, Christina Goethel- Where do they come from, where do they go? Investigating a multi-species bivalve spawning event on the southern Chukchi shelf	Dylan Kiene , John F. Mareska, John Lehrter, Jihlong Liu, Mark Albins, Sean P. Powers- Environmental and habitat condition influence recruitment deviation for a marine estuarine-dependent flatfish	Ingrid Bunholi , Abbie Affleck, Kallen Johnson, Reynaldo Ortega, Theresa Rueger, Jordan Casey- Gimme more than shelter: Sponge host shapes the skin and gut microbiome of a resident goby	Alexa Putillo , Jonathan S. Lefcheck, Mariana M. P. B. Fuentes- Effects of green turtle herbivory on seagrass ecosystems: An experimental test in the context of a global meta-analysis	Diana Carolina Vergara-Florez , Juan Armando Sanchez, Thomas F. Duda- Microbial symbiosis associated with the evolution of benthic venomous invertebrates
2:00	Josie Wrinkle , Megan Staton , Paige Siegel and Alison Haupt- Decoupling the classics: <i>Pisaster ochraceus</i> post Sea Star Wasting Disease	Aaron Bland , Alexandra R. Rodriguez, Keith Chenier, Alyssa Rodolfich, Matthew Virdin, Eric Sparks, Ronald Baker- Improvements to Salt Marsh Mapping and Shoreline Change Analysis	Benjamin M. Titus , Korrie Brown, Catheline Y.M. Froehlich, et al- Studying animal behavior underwater with remotely deployed video: how many hours and how many replicates?	Nicholas Davis , Sarah Krejci- Competition or Coexistence? Investigating Dietary Overlap Between Two Sympatric Pipefish in the Indian River Lagoon, Florida	Jaclyn Levine , Susanna López-Legentil, Lauren M. Stefaniak, Marie L. Nydam, Patrick M. Erwin- The Microbiome of a Coral Killing Ascidian

2:15	Edwin Cruz-Rivera , Dustin Marshall, Thomas Lombardi- Parasites by proxy? Nuanced symbiosis in an ascidian hosting amphipods and mussels	Kristen Bigelow , Aaron Bland, Alexandra R. Rodriguez, Nigel A. Temple, Bret Webb, Ronald Baker- Living Shoreline impacts on nearshore wave environment and shoreline change rates	Alyssa Baker , Michael J. Childress, Prakash Sanjeevi, J. Antonio Baeza- Historical Biogeographic Reconstruction Provides Insights into the Diversification of Spiny Lobsters in the Genus <i>Panulirus</i> (Achelata; Palinuridae)	Alexis Longmire , F. Joel Fodrie- Oyster reef presence restructures spatial patterns of predation risk for clams across intertidal-to-shallow-subtidal landscapes	Reneisha Sweet , Stephanie Rosales, Brent Thoma- Development and Validation of qPCR Assays for Monitoring <i>Panulirus argus</i> in Environmental DNA Samples and Assessing Habitat Biodiversity
2:30	Troy Alphin , Martin Posey- Community Engagement and Meaningful Involvement for Sustainable Restorations Projects	Tara J. Cronin , William Vuong, Michael Childress- Symbiotic Shifts: A Dive into Crayfish and Branchiobdellid Population Dynamics	Courtney Tierney , Marilyn Brandt, Rachel Ionata, Dr. Nicole Fogarty, Dustin Kemp- Spawnless Summer: A Post-Bleaching Coral Spawning Assessment	Justin Scioli , Valerie Paul, L. Holly Sweat- Burrowing macroinvertebrates and their associates: an overlooked component of coastal benthic biodiversity	Elianna M.K. Fox , Brent P. Thoma- Filling the Gaps: Expanding Genomic Reference Libraries for Mississippi's Crayfish Biodiversity
2:45	Isaac Santos , Thomas J. Webb, Noel A. Heim, Matthew L. Knope, Pedro M. Monarrez, Jonathan L. Payne, Craig R. McClain- Global patterns of change in biomass of marine gastropods under contrasting scenarios of climate change	Ron Baker , Andrew Clark, William Ellis, Alex Rodriguez- Dissolved oxygen may limit the suitability of salt marsh as Essential Fish Habitat	Arelys Chaparro , Karen L. Neely, Caroline E. Dennison, Kathryn A. Toth, Andrew C. Baker- Beating the heat: the use of shade structures to potentially mitigate coral bleaching	Peyton White , John Wares- Genome-Tracked Biogeography and Physiology of <i>Geukensia demissa</i>	Casey Gallagher , Keisha Bahr- Capturing Caribbean Colors: A Comparative Color Analysis of Two Caribbean Coral Species Along a Temperature Gradient
Break 3:00-3:30					
Business Meeting 3:30-4:30 Bon Secour I					

Blitz: 1 min/speaker to introduce poster

Ahmani Browne	Intraspecific variation in diet across populations of marsh periwinkles
Ainsley Vanderhyde	Growth and survival of turtlegrass (<i>Thalassia testudinum</i>) seedlings under hydroponic and planted laboratory conditions
Alexander I Parry	Isolation of antimicrobial 5 α ,8 α -epidioxy-sterols from the sponge <i>Biemna caribea</i>
Andrea Graham	Life on Layers: Photographic Profiles on ARMS
Anna Dubey	Characterizing the Galápagos Mesophotic Invertebrate Community
Ayden Thomas	An unexpected blue crab nursery: Louisiana freshwater submerged aquatic vegetation (SAV) supports blue crabs through prey availability
Bailey Bonham	Effects of Oyster Reef Health on Consumer Community Structure and Trophic Pathways
Caroline Slaughter	Evaluation of two methods to quantify <i>Perkinsus marinus</i> body burden in Eastern oysters (<i>Crassostrea virginica</i>)
Christian Deneka	Drivers of fear behavior in a mutualistic goby
Cierra Braga	Establishing UVC Tolerances for Biofouling Organisms
Emily Surmont	Better with age? Comparing ecological function of aging artificial vs natural oyster reefs in an urban Florida estuary
Emma Miranda	Little Crabs, Big Problems: Climate Change Disrupts Klinokinesis in Florida Stone Crab Larvae
Ernest Charles Jr.	Vocalizations of mudskippers, <i>Periophthalmus barbarus</i>
Hannah Erhmann	Tropicalization of Nekton species in the northern Gulf of Mexico
Hannah Sisk	Exploring Biogeographic Variation in Microbiome Communities of Sponges in the Western Atlantic.
Isabel Kacprowski	Temporal Shifts in Sediment Flux at Kimberly's Artificial Reef
Isaiah Martinez-Cruz	The Economic Contribution of Kelp Forests to Commercial Fisheries in the Virginian Ecoregion
Jessica Pruett	Supporting sustainable oyster restoration and resource management in Mississippi using structured decision making
Jiyahna Price	Using Deep Learning Neural Networks to Predict Chlorophyll-a Concentrations in the Indian River Lagoon, Florida
Joanna Napoleone	Broad Assessment of Kelp Forest Ecosystem Services in Southern New England, USA
Jon D. Witman	Ruth D. Turner PhD Scholarships in Marine Biology
Kate Rains	Red Drum (<i>Sciaenops Ocellatus</i>) as a vector for Northern Gulf Coast Plastic Pollution
Katie Skufca	Insights into the Molecular Phylogeny of <i>Selachii</i> using the Mitochondrial Protein Coding Genes of 139 Chondrichthyans
Katrina Zabransky	Complete mitochondrial genome annotation and comparative analysis of <i>Stephanocoenia intersepta</i>
Kenzie Pruitt	Investigating the concentrations of pesticides on nearshore benthic communities on the Southwest Florida Shelf
Kohinur Akter	Change in Food Web with Salinity Gradients in Barataria Basin: A stable Isotope Approach
Macy Noll	Succession and seasonality of larval recruitment on a new artificial reef
Maria Branch	Metabolomic Analysis of Predator-Specific Cues Triggering Oyster Shell Strengthening
Massima Ponce	Assessing the Effect of Coral Restoration on Cryptofaunal Diversity
Miranda Gibson	Geographic and ecological variation in venom gene evolution in the clownfish hosting anemones

Natalie Perrin	Stomach content metabarcoding to evaluate diet of a North Atlantic commercial shrimp (<i>Pandalus montagu</i>)
Nina Luckas	Solving the species-boundary puzzle in the clownfish-hosting sea anemones: <i>Heteractina</i>
Nolan Cooper	Intertidal Oyster Mortality: A Comparison of Predators and Sunlight
Paul Montagna	Long-term effects of freshwater inflow on benthos at regional scales
Pedro Solis	Preliminary Survey of Kinorhynch Diversity in the Bahia Grande
Piper Zola	How boring are sponges? - Investigating prevalence and infection mechanisms of the boring sponge <i>Cliona celata</i> in oyster shells in Charleston, SC
Rebecca Balaban	Impacts of Barnacle Settlement on Invertebrate and Microbiome Community Structure
Ryan Brady	Investigating the current population status of the Pismo clam (<i>Tivela stultorum</i>) within Monterey Bay
Samuel Rivera	Does Colony Form of Caribbean Octocorals Change as They Grow?
Sarah M. Cole	"All Clams On Deck": Co-Restoration of Seagrass and Hard Clams in Five Estuaries across Southwest Florida, USA
Taijym Deloney	Comparing Surface Duration and Courtship Display Rates in <i>Leptuca pugilator</i> Across the U.S. Atlantic Coast
Wyatt Milam	Seasonal Variation In Urchin Recruitments within the Monterey Bay Area.
Zach Zagon	Comprehensive Characterization of Coral-Associated Microbial Aggregates in Atlantic Coral Species

Posters: Wednesday April 2

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Reuben Siegel	Crab fight club: Blue crabs versus invasive green crabs in a novel showdown	3
Ross Choate	Assessing bay scallop reproduction and population structure	4
ruimeng liu	Crustose Coralline Algae Production in a Kelp Forest Ecosystem	5
Shelby Rinehart	Burrowing crab effects cordgrass along a chronosequence of tidal marsh restoration	6
Sierra Robertson	Does Mobility Matter? Differential Survival of Three Ray Species in Tampa Bay During a Red Tide Event	7
Daija Green	Exploring Phylogenetic Relationships in Xanthoid Crabs (Crustacea: Decapoda: Xanthoidea) Using Complete Mitochondrial Genomes	8
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