

Thursday, March 20th

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Community Ecology</i> Chair: Nichole Bishop	<i>Physiological and Molecular Ecology</i> Chair: David Hudson	<i>Introduced Species</i> Chair: Matt Gilg	<i>Restoration</i> Chair: Gritta Viet-Kohler
8:30	Effects of pioneering bryozoans with different life-history traits on the development and structure of encrusting communities <u>Vieira, Edson A.</u> ; Dias, Gustavo M.; Flores, Augusto A. V.	A functional trade-off between osmoregulation and respiration in the gills of the anchialine shrimp <i>Halocaridina rubra</i> (Crustacea: Atyidae) <u>Havird, J. C.</u> ; Santos, S. R.; Henry, R. P.	Settling in: the story of invasive amphipod <i>Gammarus tigrinus</i> in the Northern Baltic Sea, Europe <u>Reisalu, G.</u> ; Herkül, K.; Kotta, J.	Impacts of a Beach Nourishment Project on Spawning Horseshoe Crabs in an Urban Estuary Impacted by Hurricane Sandy <u>Botton, M.</u> ; Cólón, C.; Rowden, J.; Elbin, S.; Sclafani, M.
8:45	Both decreasing inter-structural space size and increasing total cover increase shrimp abundance on artificial structures deployed in a seagrass bed. <u>Bartholomew, A.</u> ; Burt, J.	Immunity and allorecognition in the Staghorn coral <i>Acropora cervicornis</i> Libro, S.; Vollmer, S.	Quantifying mortality of the colonial invasive bryozoan <i>Membranipora membranacea</i> : the effect of temperature on colony senescence and regeneration <u>Denley, D.</u> ; Metaxas, A.	Stratford Point Restoration: From Gun Club to Coastal Estuary <u>Jennifer Mattei</u> ; Mark Beekey; John Rapaglia; LaTina Steele
9:00	Habitat association trumps geographical context for communities assembling in structurally and spatially shifting wetland habitats <u>Cora Ann Johnston</u> ; Daniel S. Gruner	Heterotrophic feeding and lipid content increase at elevated pCO ₂ in critically endangered <i>Acropora cervicornis</i> <u>Towle, E.K.</u> ; Enochs, I.C.; Langdon, C.	Evaluating impacts of invasive Harris mud crab (<i>Rhithropanopeus harrisi</i> , Coull 1841) predation on grazer community in the northern Baltic Sea <u>Riikka I. Puntila</u> ; Amy E. Fowler; Katariina Riipinen; Maiju Lehtiniemi; Outi Vesakoski	Sponge community restoration hastens soundscape recovery <u>Butler, Jack</u> ; Butler IV, Mark J.
9:15	Transition Probabilities Identify Shifts In Intertidal Species Interactions Across Large-Scale Gradients In The Gulf Of Maine <u>Morello, S.L.</u> ; Etter, R.J.	The Nutrient Physiology of a Brown Seaweed at the Edges of its Intertidal Distribution Benes, Kylla M.; Bracken, Matthew E.S.	The role of artificial structures in facilitating range expansion of the invasive barnacle, <i>Megabalanus coccopoma</i> , in the southeastern U.S. <u>Reigel, A.</u> ; Gleason, D.F.; Harrison, J.S.	Effects of the herbivorous Caribbean King Crab, <i>Mithrax spinosissimus</i> , on coral reef macroalgal communities in the Florida Keys <u>Spadaro, A. J.</u> ; Butler, M. J.
9:30	Down the slippery slope: ecological consequences of benthic oxygen fluctuations <u>Trowbridge, C.D.</u> ; Little, C.; Dlouhy-Massengale, B.; Stirling, P.; Cottrell, D.	Are intertidal mobile animals water-stressed? A field test using fiddler crabs. <u>Levinton, J.</u> ; Allen, B.; Lord, S.; Higashide, Y.; Brahim, K.	Estimating the dispersal capacity of the introduced green mussel, <i>Perna viridis</i> , from field collections and oceanographic modeling <u>Matthew R. Gilg</u> , Ryan Howard, Ryan Turner, Mike Middlebrook, Mazen Abdounour, Elvis Lukaj, and Y. Peter Sheng	Restored oyster reef influences on local sediment transport processes <u>Colden, A.M.</u> ; Cartwright, G.M.; and Fall, K.A.
9:45	The Host-Pathogen Interaction of Wasting Disease among Seagrasses under Abiotic Stressors <u>Bishop, N.</u> , Ross, C.	The decoupling of tissue and skeletal production of corals in response to vermetid gastropods <u>Jacobson, L.M.</u> ; Fuchs, C.; Zill, J.; Farrell, M.; Gil, M.; Brown, A.; Hamman, E.; Osenberg, C.	A new arrival? The polychaete <i>Marenzelleria viridis</i> in Bonne Bay, Newfoundland <u>Green, S.</u> ; McIlroy, D.; Dufour, S.C.	Bay Scallop (<i>Argopecten irradians</i>) Restoration in the Virginia Coastal Bays: The Role of Predation on Spring vs. Fall Cohort Survival <u>Schmitt, E.L.</u> , Luckenbach, M.W., Orth, R.J.
10:00	BREAK	BREAK	BREAK	BREAK

Thursday, March 20th

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Community Ecology</i> Chair: David Karlen	<i>Physiological and Molecular Ecology</i> Chair: Victoria Gibbs	<i>Introduced Species</i> Chair: April Blakeslee	<i>Restoration</i> Chair: Margaret Miller
10:30	Twenty year trends in the benthic macroinvertebrate community of Tampa Bay <u>Karlen, D. J.</u> ; Dix, T. L.; Goetting, B. K.; Markham, S. E.; Campbell, K.W.; Jernigan, J.M..	Effect of calcein exposure on growth and immune response in the purple sea urchin, <i>Strongylocentrotus purpuratus</i> <u>Fairweather, E.</u> ; Gibbs, V. K.; Russell, M. P.	Lionfish skin associated bacteria inhibit the growth of known fish pathogens <u>Julia L. Stevens</u> ; Julie B. Olson	Enhancing fertilization for culture of two reef-building corals <u>Cameron, C.M.</u> ; Miller, M.W.
10:45	Sessile invertebrate colonization on rocky outcrops at Gray's Reef National Marine Sanctuary (GRNMS) <u>Poirson, B.N.</u> ; Gleason D.F.	Diurnal variation in photochemical efficiency of <i>Thalassia testudinum</i> , turtle grass, in response to repeated shading events. <u>Genazzio, M.A.</u> ; Durako, M.J.	Distribution and seasonality of the exotic macroalga <i>Gracilaria vermiculophylla</i> in lower Chesapeake Bay <u>Megan A. Wood</u> and Romuald N. Lipcius	Optimizing the productivity of a coral nursery focused on <i>Acropora cervicornis</i> <u>Lohr, K.E.</u> ; Bejarano, S.; Lirman, D.; Manfrino, C.
11:00	Effects of black mangrove (<i>Avicennia germinans</i>) Expansion in South Texas salt marshes <u>Sanchez, James A.</u> ; Smee, Delbert L.	Sea urchins really are "boring": Capacity and rates of bioerosion of the purple sea urchin, <i>Strongylocentrotus purpuratus</i> , on different rock substrata <u>Russell, M. P.</u> ; Gibbs, V. K.	Habitat dependent predation on invasive lionfish in the Caribbean <u>Diller, J.L.</u> ; Frazer, T.K.; Jacoby, C.A.	Accounting for multiple foundation species in oyster reef restoration benefits <u>Keryn B. Gedan</u> , Lisa Kellogg, Denise L. Breitbart
11:15	"Gone, Gone, Gone": Legacy Effects of Mussel Biogenic Material on Soft-Bottom Assemblages and Ecosystem Processes <u>Commito, J. A.</u> ; Winders, S. E.; Jones, B. R.; Jones, M. A.; Como, S.	Estimates of bioerosion through rock ingestion by the purple sea urchin, <i>Strongylocentrotus purpuratus</i> <u>Duwan, E.</u> ; Russell, M. P.; Gibbs, V.K;	Invasion mediated changes in algal biodiversity alter critical ecosystem functions in near-shore environments <u>Newton, C.</u> ; Drouin, A.; Bracken, M.	Developing a Comprehensive North Carolina Salinity Database to Improve Ecosystem Management and Habitat Restoration <u>Lindquist, N.</u> ; Fegley, S.; Guajardo, R.
11:30	Space Race: How Thermally Driven Changes in Growth Rate Cause Shifts in Competitive Ability and Community Composition on a Latitudinal Scale <u>Lord, J.P.</u> , Whitlatch, R.B.	Morphological response of <i>Zostera marina</i> (eelgrass) reproductive shoots to increased porewater nutrient availability within a developing meadow <u>Jackson, Lisa J.</u> ; Peterson, Bradley J.	Marine invasions and parasite escape: Updates and new perspectives Blakeslee, A.M.H.; <u>Fowler, A.E.</u> ; Keogh, C.L.	Growing with the tide: oyster reef growth regulated by tidal elevation <u>Justin T. Ridge</u> ; Antonio B. Rodriguez; Niels L. Lindquist; Jonathan H. Grabowski; F. Joel Fodrie
11:45	Beyond Food: A foundation species facilitates its own predator in extreme environments <u>Agüera, A.</u> ; Jansen, J.M.; Bouma, T.	Qualitative evaluation of the structural integrity of sea urchin teeth in response to chronic phosphate exposure <u>Gibbs, V.K.</u> ; Russell, M.P.; Voltzow, J.	Genetic bottlenecks and species invasions: how do parasites compare to hosts? <u>Blakeslee, A.M.H.</u> ; Miller, A.W.; Haram, L.; Maglies, K.; Altman, I.; Ruiz, G.M.	
12:00	BREAK	BREAK	BREAK	BREAK

Thursday, March 20th

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Community Ecology</i> Chair: Dan McCarthy	<i>Physiological and Molecular Ecology</i> Chair: Robert Carpenter	<i>Introduced Species</i> Chair: Aaren Freeman	<i>Life History Strategies</i> Chair: Keith Walters
2:00	Revisiting Paine's gastropods: Patterns and consequences of multi-trophic diversity change in a Florida seagrass community from 1960 to 2013 <u>Rogers, T. L.</u> ; Kimbro, D. L.	Potential Impacts of Superstorm Sandy on Sea Nettle (<i>Chrysaora quinquecirrha</i>) Early Life History Stage in Barnegat Bay, NJ <u>Restaino, D.</u> ; Gaynor, J.; Bologna, P.	Factors affecting the relative distribution of invasive Asian shore crabs and native panopeid mud crabs around Long Island, NY USA. <u>Freeman, A.S.</u> ; Blakeslee, A.; Fowler, A.; Fische, A.; Kulins, S. & Taub, E.	Egg quality and juvenile demographics of <i>Limulus polyphemus</i> in Long Island Sound. <u>Beekey, M.A.</u> ; Mascena, C.; Pierce B.; Rudman A.; Mattei J.
2:15	Characterizing the Ecological Status of Southernmost Texas Estuaries Using Benthic-based Metrics. <u>Tamez, C.</u> ; Hicks, D.W.	Effects of Ocean Acidification on the Response of Massive <i>Porites</i> spp. to Damage <u>Yarid, Alex A.</u> ; Edmunds, Peter J.	Dense populations of king crabs are widespread off the Antarctic Peninsula <u>Vos, Stephanie C.</u> ; Aronson, Richard B.; Smith, Kathryn E.; Thatje, Sven; McClintock, James B.,	Cheliped loss and mate competition in Florida stone crabs <u>Boudreau, W. Zach.</u>
2:30	Using benthic invertebrates as indicators of water quality in the Indian River Lagoon <u>Bayliss, Katrina</u> ; McKeon, Sea	The influence of photosynthesis on the response of a tropical crustose coralline alga to ocean acidification <u>Briggs, A.A.</u> ; Carpenter, R.C.	Preliminary Investigations of Life History of <i>Pterois volitans</i> in the Coastal Waters of Northeast Florida <u>Swenarton, MaryKate</u> ; Johnson, Eric G.; and Green, Mickhale	The Living Dead: Sublethal Predation is not a Game Ender for the Marsh Mussel <i>Geukensia demissa</i> <u>Gillis, M.</u> ; Walters, K.
2:45	Environmental drivers of rocky intertidal community structure at a tropical biogeographic boundary zone <u>Robert W. Lamb</u> ; Franz Smith; Alicia Franco; Luis R. Vinueza	Perforate and imperforate <i>baupläne</i> in scleractinian corals: implications for coping with environmental stress. <u>Patterson, M.R.</u> , Carpenter, L.W., Gladfelter, E.H.	Fisheries Chair: Eric Johnson	Latitudinal Gradient of Reproductive Investment in the Marine Snail <i>Nucella lapillus</i> <u>Adams, H.N.</u> ; Freeman, A.S.
3:00	Seasonal trends in razor and soft-shell clam biomass in Lower Chesapeake Bay: effects of temperature, salinity, and predation <u>Cassandra N. Glaspie</u> ; Rochelle D. Seitz	<i>In situ</i> measurements of coral respiration, photosynthesis and calcification: CISME <u>Szman, A.M.</u> ; Whitehead, R.F.; Murphy, B.; Mazel, C.	Size-at-age vs. size-at-stage: Environmental control of blue crab growth rates <u>Darnell, M. Z.</u>	Water flow and seagrass seed dispersal: comparing seed movement for species with different reproductive strategies <u>Kelly M. Darnell</u> ; Kenneth H. Dunton
3:15	Interspecific shelter competition as a driver of juvenile spiny lobster abundance and distribution <u>Elliot Hart</u> ; Don Behringer	Behavioral responses of the Colombian freshwater crab, <i>Neostrengeria macropa</i> (H. Milne-Edwards, 1853), to temperature and salinity changes. <u>Hudson, D.M.</u> ; Campos, M.R.	Using natural tags to evaluate nursery potential and population connectivity in an estuarine crustacean <u>Johnson, E.G.</u> ; Hines, A.H.; Gilmour, C.; Riedel, G.F.; Roberts, P.M.; D. Butera	Growth patterns over time in oysters along the Gulf of Mexico coast of Florida <u>Bouchillon, R.K.</u> ; Pine, W.E., III; Walters, C.J.
3:30	BREAK	BREAK	BREAK	BREAK

Thursday, March 20th

Location	Board of Trustees	Room 1003	Room 1020
Time	<i>Physiological and Molecular Ecology</i> Chair: Renae Brodie	<i>Fisheries</i> Chair: Eric Johnson	<i>Biodiversity</i> Chair: William Precht
4:00	Salinity impacts time to metamorphosis in megalopae of the fiddler crab <i>Uca minax</i> Prakriti Kaini; Swastina Shrestha; Nan Zhu; Beryl Roberts; Stephen Borgianini; Renae Brodie	Queen conch distribution and population assessment near Port Everglades inlet, FL <u>Berry, Charlotte</u> ; Walker, Brian K.; Hill, Ronald L.	Effects of richness, evenness, identity and abundance on macroalgae community productivity <u>Lemieux, J.</u> ; Lavoie, S.; Cusson, M.
4:15	The effects of pathogen associated molecular patterns (PAMP) on the gene expression of the Caribbean coral <i>Orbicella faveolata</i> . <u>Jorge H. Pinzón C.</u> ; Ernesto Weil; Laura D. Mydlarz	Deciphering oyster population dynamics <u>Camp, E.C.</u> ; Pine, W.E.; Ahrens R.N.M; Walters, C.J	Johnson's Seagrass – Introduced Exotic or Threatened Endemic Species? William F. Precht
4:30	<i>Brevity is the Soul of Wit</i> Chair: Pablo Munguia	Outgrowing your pathogen: the curious case of PaV1 in adult Caribbean spiny lobsters <u>Behringer, D.C.</u> ; Butler, M.J. IV; Moss, J.; Shields, J.D.	Species range sizes among deep-sea harpacticoids <u>Erin E. Easton</u> ; David Thistle
4:45	Science Is Funny: Increasing scientific communication in the social media age <u>Lunt, J.</u> ; Wolfe, K.; Scherer, A.	The effect of sedimentation on the settlement behavior of the American lobster (<i>Homarus americanus</i>). <u>Benoît Bruneau</u> ; Miron, G.; Daoud, D.; Mallet, M.	Effects of intraspecific diversity on growth, survivorship, and recruitment of the Eastern oyster across environmental conditions <u>Hanley, T.C.</u> ; Hughes, A.R.; Kimbro, D.L.
5:00	Lights, camera, science: Scientific filmmaking inspires public audiences <u>Erica R. Staaterman</u> ; Austin J. Gallagher	Reproduction of the Bonnethead Shark (<i>Sphyrna tiburo</i>) from the Southeastern U.S. Atlantic Coast <u>Gonzalez De Acevedo, M.</u> ; Gelsleichter, J.; Anderson, B.; Frazier, B.; Belcher, C.	Visual analysis of benthic megafaunal community structure along the western Antarctic shelf <u>Branson, D.R.</u> ; Mahon, A.R.; Halanych, K.M.
5:15	The Beneath the Waves Youth Making Ripples Initiative: broadening your impact statements through film-based education! <u>Gravinese, Philip M.</u> ; Toth, Lauren T.; Staaterman, Erica R.; Gallagher, Austin J.	Use of resident nekton demography, condition and growth rate to assess restored salt marsh function Elliot Weston; David Meyer; Martin Posey; Troy Alphin	Lugworms, meiofauna, and benthic copepods – how are they related? <u>Coker, R.C.</u> ; Kottmann, J.; Bodur, Y.; Volkenborn, N.; Chennu, A.; Polerecky, L.; Veit-Köhler, G.

Friday, March 21st

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Reef Ecology</i> Chair: Mark Hay	<i>Community Ecology</i> Chair: David Kimbro	<i>Recruitment and Larval Ecology</i> Chair: Elka Porter	<i>Symbiosis</i> Chair: Patrick Erwin
8:30	<p>Testing for the importance of self-organisation for ecosystems resilience</p> <p><u>de Paoli, H.</u>; van der Heide, T.; Christianen, M.; van den Berg, A.; Silliman, B.; Herman, P.; van de Koppel, J.</p>	<p>Direct and Indirect Impacts of Gelatinous Zooplankton on Pelagic Community Structure</p> <p><u>Castellano, C. L.</u>; Bologna; P.A.X.; Gaynor, J. J.</p>	<p>Effects of algal canopies and adult barnacles on intertidal barnacle recruitment</p> <p>Beermann, A.J.; Ellrich, J.A.; Molis, M.; <u>Scrosati, R.A.</u></p>	<p>Living and dying together? A population genetic approach to reconstruct population dynamics of a commensal barnacle</p> <p><u>Christine Ewers-Saucedo</u>; John P. Wares</p>
8:45	<p>Chemical cues lead to the avoidance of overfished reefs by juvenile fishes</p> <p><u>Danielle L. Dixon</u>; Mark E. Hay</p>	<p>Drought and a predatory conch outbreak: a tipping point for oyster reefs in Florida, USA</p> <p><u>Kimbro, D. L.</u>; Garland, H.</p>	<p>The effects of increased temperature and ocean acidification on the early life history stages of the coral <i>Orbicella faveolata</i></p> <p><u>Fisch, J.</u>; Miller, M.; Langdon, C.</p>	<p>Unraveling the Diversity of the Ascidian Microbiome</p> <p><u>López-Legendil, S.</u>; Pineda, M.C.; Webster, N.; Turon, X.; Erwin, P.M.</p>
9:00	<p>Coral larvae use chemical cues to assess and reject degraded reefs</p> <p>Danielle L. Dixon; David Abrego; <u>Mark E. Hay</u></p>	<p>Climate Influence on the Phenology on Larval Shrimp in a South Carolina Estuary</p> <p><u>Raffenberg, C.A.</u>; Rykaczewski, R.</p>	<p>Multi-decadal hindcasts of larval connectivity</p> <p><u>Oliver, Hilde</u>; Wethey, David S.</p>	<p>The burrowing behavior and feeding mode of asymbiotic thyasirid bivalves</p> <p><u>Zanzerl, H.</u>; Salvo, F.; Dufour, S.C.</p>
9:15	<p>Determining the effect of <i>Cliona delitrix</i> removal on stony coral growth offshore southeast Florida</p> <p><u>Halperin, A. A.</u>; Chaves-Fonnegra, A.; Gilliam, D. S.</p>	<p>Harbouring the enemy: kelp holdfasts protect juvenile sea urchins from predatory crabs</p> <p><u>Colette J. Feehan</u>; Fiona T.-Y. Francis; Robert E. Scheibling</p>	<p>Blue Crab Megalopae Go with the Flow: How Do Currents Affect Estimates of Abundance from Hog's Hair Collectors?</p> <p><u>Bittler, K.M.</u>; Scheef, L.P.; Buskey, E.J.</p>	<p>A test of the 'nutritional drain' and 'steric interference' hypotheses explaining host reproductive cessation by parasitic castrators using a marine model system</p> <p>Ocampo, E.; <u>Baeza, J.A.</u></p>
9:30	<p>Coral dispersal dynamics: new insights into patterns of connectivity</p> <p><u>Figueiredo, J.</u>; Baird, A.H.; Harii, S.; Connolly, S.R.</p>	<p>Grazing pressure in Lough Hyne Marine Reserve, Ireland: An assessment of the current state and implications for future change</p> <p><u>Edquist, Sara</u>; Trowbridge, Cynthia</p>	<p>Using trace element signatures to infer connectivity among blue mussel populations in the Gulf of Maine</p> <p><u>Bulseco-McKim, A.</u>; Etter, R.; Yund, P.; Hannigan, R.</p>	<p>Prevalence of diseases, parasites, and symbionts in Louisiana blue crabs</p> <p>Rogers, Holly A.; Anderson, Julie A.</p>
9:45	<p>Understanding Distribution: mapping the spatial relationships of giant barrel sponges</p> <p><u>Deignan, Lindsey K.</u>; Pawlik, Joseph; Gleason, Art</p>	<p>Synergistic effects drive shift to turf dominance in a kelp-bed ecosystem</p> <p><u>O'Brien, J.M.</u>; Scheibling, R.E.</p>	<p>Consequences of alternative dispersal strategies in a putatively amphidromous fish</p> <p><u>Hogan, J.D.</u>; McIntyre, P.B.; Blum, M.J.; Gilliam, J.F.; Bickford, N.</p>	<p>Complex interactions comprise a sponge-seagrass commensal relationship in a sub-tropical coastal ecosystem</p> <p><u>Stephanie K. Archer</u>, Elizabeth W. Stoner, Craig A. Layman</p>
10:00	BREAK	BREAK	BREAK	BREAK

Friday, March 21st

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Reef Ecology</i> Chair: Lauren Toth	<i>Community Ecology</i> Chair: Jarrett Byrnes	<i>Recruitment and Larval Ecology</i> Chair: Will White	<i>Symbiosis</i> Chair: Cole Easson
10:30	Water quality and turnover dynamics of coral reefs in Caribbean Panamá <u>Aronson, Richard B.</u> ; Bianchi, Thomas S.; Hilbun, Nancy L.	Analysis of a 41-year data set: Do environmental parameters influence the fish community of Albemarle Sound, North Carolina Gillum, Z. D. and Overton, A. S.	Larval traits carry-over to influence post-settlement behavior in a coral reef fish <u>Dingeldein, Andrea L.</u> ; White, J. Wilson	Symbiosis in Paradise: Sponges of the Miskito Cays, Honduras <u>Freeman, C.J.</u> ; Baker, D.M.; Paul, V.
10:45	Prey condition and host-origin affect prey choice behavior in an important corallivore <u>Bright, A.J.</u> ; Cameron, C.M.; Miller, M.W.	Icthyoplankton community patterns in Beaufort Inlet, North Carolina <u>Topolka, N.</u> ; Overton, A.; Kellison, T.; McNeill, N.; Taylor, C.	Oceanographic gradients drive adult invertebrate densities and top-down control in a marine estuary <u>Hensel, M.J.S.</u> ; Angelini, C.; Nifong, J.C.; Silliman, B.R.	Microbial Communities associated with <i>Acropora cervicornis</i> <u>Walton, Charles J.</u> ; Lopez, Jose V.; Gilliam, David S.
11:00	Using naturally-recovering staghorn coral (<i>Acropora cervicornis</i>) populations to inform restoration and recovery targets <u>Richter, L.J.</u> ; Huntington B.E.; Miller, M.W.	Interactive effects of aerial exposure and interspecific competition determines juvenile oyster size and survival in an euhaline mid-Atlantic estuary <u>Brodeur, M.C.</u> ; Fodrie F.J.	The effect of recruitment density on the survival of juvenile giant kelp (<i>Macrocystis pyrifera</i>) <u>McCollum, B.A.</u> ; Edwards, M.S.	Complex structuring of sponge microbial communities Easson, C.G.; Thacker, R.W.
11:15	Climatic and oceanographic controls on millennial-scale reef development in the tropical eastern Pacific <u>Toth, Lauren T.</u> and Aronson, Richard B	Global Variation in the Propensity of Sea Urchins to Transform Kelp Forest into Barrens <u>Byrnes, J.E.K.</u> ; <u>Johnson, L.E.</u> ; <u>Connell, S.D.</u> ; <u>Shears, N.T.</u> ; <u>McMillan, S.M.</u> ; <u>Irving, A.</u> ; <u>Buschmann, A.H.</u> ; <u>Graham, M.H.</u> ; <u>Kinlan, B.P.</u>	Global climate change and macroalgal competition have independent impacts on the early recruitment of the reef-building coral <i>Porites astreoides</i> <u>Olsen, K.</u> ; Paul, V.J.; and Ross C.	Variability in host-symbiont associations among genetically-distinct cyanobacteria and tropical sponges Matterson, K.O.; Thacker, R.T.
11:30	It isn't easy being a reef: impacts of competition and corallivory in Florida Keys <u>Hoffmann, S. L.</u> ; Quirk-Royal, B.E.; Smith, K.M.; Childress, M.J.	Has black mangrove expansion into northern Gulf of Mexico affected salt marsh nursery habitat? <u>Scheffel, Whitney A.</u> ; Heck, Ken L.; Cebrian, Just; Johnson, Matthew	Discerning patterns of larval connectivity and dispersal among a network of oyster spawning sanctuaries <u>Kroll, I.R.</u> ; Puckett, B.J; Fodrie, F.J.; Eggleston, D.B.	Sampling season matters in the effect of temperature and ultraviolet radiation (UVR) on Caribbean gorgonian corals <u>McCauley, M.</u> ; Banaszak A T.; Strehlow, B.; Goulet, T.L.
11:45	Historical vs. contemporary effects on coral cover in the Florida Keys <u>Smith, K.M.</u> ; Childress, M.J.	Predicting benthic community-level responses in a changing ocean: are we jumping the gun on a few basic principles? <u>Gagnon, Patrick</u>	Alternative settlement habitat for blue crab (<i>Callinectes sapidus</i>) larvae in shifting coastal ecosystems <u>Olivia Caretti</u>	
12:00	BREAK	BREAK	BREAK	BREAK

Friday, March 21st

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	Reef Ecology Chair: Joseph Pawlik	Community Ecology Chair: Jon Witman	Recruitment and Larval Ecology Chair: Ladd Johnson	Genetic Connectivity and Metapopulations Chair: Katie Lotterhos
2:00	Just keep grazing: parrotfish grazing and dietary selectivity in the Florida Keys <u>Quirk-Royal, B.E.</u> ; Hoffmann, S.L.; Smith, K.M.; Childress, M.J.	Size structure drivers of crustacean grazer epifauna in a Chesapeake Bay <i>Zostera marina</i> bed <u>Richardson, J. P.</u> ; Lefcheck, J. S.; Ziegler, S. L.; Duffy, J. E.;	How do compounds released by the green tide alga <i>Ulvaria obscura</i> affect development of invertebrate larvae? <u>Yolimar Rivera Vázquez</u> ; Brian L. Bingham	Genetic composition of invasive lionfish at the Flower Garden Banks National Marine Sanctuary. <u>Johnson, J. E.</u> ; Johnston, M. A.; Hogan, J. D.
2:15	The acquisition and allocation of carbon to lipids of bleached and healthy Hawaiian corals Justin Baumann, Andréa G. Grottoli, Adam D. Hughes, Yohei Matsui	Habitat filtering determines temporal changes in microbial communities in the shore crab microbiome <u>Catalina Cuellar-Gempeler</u>	Early recruitment patterns in an invasive ascidian: Hotspots and notspots and the implications for early detection. Samuel B. Collin; Paul Edwards; Brian Leung; <u>Ladd Johnson</u>	Population-specific patterns of osmotic response in larval and adult <i>Crassostrea virginica</i> <u>Eierman, L.E.</u> ; Hare, M.P.
2:30	Grazing patterns of redband parrotfish: interaction of value and availability of food resources <u>Hanmer, John</u> ; White, J. W.; Pawlik, J. R.	Trials and Tribulations of Ecological Forecasting: The Response of European Mussels (<i>Mytilus</i> spp.) to Climate Change <u>Hilbish, J.</u> ; Fly, E; Rognstad, R; Wetthey, D		Cryptic surf clams in New England waters – recent arrival or unrecognized native? Hare, M.P.; Fletcher, N.K.
2:45	Day/night community turnover in sub-tropical reef fishes: An investigation into the crepuscular transition. Coles, D.	Ecological drivers of parasite abundance <u>Alyssa-Lois Gehman</u> , A. Randall Hughes, David L. Kimbro, Jonathan Grabowski, Michael Piehler and James E. Byers.	Evolution Chair: Don Levitan	Evaluation of rockfish conservation area networks in the United States and Canada and potential for asymmetrical gene flow <u>Katie E. Lotterhos</u> ; Stefan J. Dick; Dana R. Haggarty
3:00	Assessing deep-water coral assemblages inhabiting relict coral banks off the South Texas Coast <u>Rodriguez, R.E.</u> ; Hicks, D.W.; Tunnell, J.W.; Shirley, T. C.; Etnoyer, P. J.; Hickerson, E.L. ⁴	Do other species of consumers affect triggerfish – urchin interaction strength in Galapagos rocky subtidal food webs ? <u>Witman, J.D.</u> ; Smith, F.; Novak, M.; Lamb, R.W.; Castello y Tickell, S.; Moore, E.	Shaking the parrotfish tree: hybridization in a peripheral environment produces phenotypic novelty <u>Carlson, D.B.</u> ; Choat, J. H.; Clements, K.; Robertson, D. R.	Long-distance dispersal and vertical gene flow in the Caribbean coral <i>Porites astreoides</i> despite brooding reproductive mode and depth zonation of algal symbionts <u>Serrano, X.</u> ; Baums, I.B.; Smith, T.; Jones, R.J.; Shearer, T.; Baker, A.C.
3:15	Genetic versus ecological ‘performance’ in a highly clonal, endangered coral D. E. Williams; <u>M. W. Miller</u> ; I. B. Baums	Predation risk drives resource specialization among sympatric shark species along a subtropical coastal ecotone Gallagher, Austin J.; Hammerschlag, Caroline.P.; Byrnes, Evan.; Hammerschlag, Neil	Biogeography is not neutral: a case study in the Chilean intertidal <u>Wares, J. P.</u> ; Ewers-Saucedo, C.; Pringle, J. M.; Byers, J. E.; Sepúlveda, A.	
3:30	BREAK	BREAK	BREAK	BREAK

Friday, March 21st

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Reef Ecology</i>	<i>Anthropogenic Impacts</i>	<i>Evolution</i>	<i>Macroecology</i>
	Chair: Chris Finelli	Chair: Jeffrey Baguley	Chair: Don Levitan	Chair: Sven Zea
4:00	Does coral-seaweed competition make seaweed more palatable? <u>Longo, G.O.</u> , Hay, M. E.	Impact of bottom trawling on meiobenthos off Kakinada, East coast of India Annapurna, C.	Contemporary co-evolution of gamete recognition proteins in sea urchins <u>Levitan, D.R.</u>	<i>Rangia</i> clam decline in Lake Pontchartrain: effects of enhanced hurricane surges due to sea-level rise and coastal wetland loss <u>Poirrier, M.A.</u> ; Dunn, C.N.; Caputo, C.E.
4:15	Free-living <i>Symbiodinium</i> : environmental reservoirs for future coral generations of the beneficial symbiont of coral reefs <u>Granados-Cifuentes, C.</u> ; Neigel, J.E.; Leberg, L.; Rodriguez-Lanetty, M.	A Disturbance in the Force: Copper Impairs Herbivore Response Towards Seaweed Inducible Defenses <u>Warneke, A.M.</u> ; Long, J.D.	Different things do different things in different places: a story of sexual plasticity in a wide spread invasive sea anemone, <i>Diadumene lineata</i> <u>Ryan, W.H.</u> ; Miller, T. E.	Limpets (<i>Patella vulgata</i>) as environmental proxies: an analysis of growth and shell geochemistry from a Norse site on Shetland <u>Ambrose W. G. Jr.</u> , William L. Locke V., Amy E. Johnston; G. F. Bigelow
4:30	Florida Keys Midchannel Reefs: A potential source of coral resistance to stressors <u>Haslun, J.A.</u> ; Strychar, K.B.	Light requirements of seagrasses determined from historical records of light attenuation Choice, Z. D.; Frazer, T. K.; Jacoby, C. A.	An integrated modeling approach to assessing linkages between environment, organism and phenotypic plasticity. Padilla, D.K.; Grünbaum, D.	Morphofunctional benthic groups along a latitudinal gradient in rocky reefs of South Western Atlantic <u>Aued, A. W.</u> ; Candido, D. V.; Longo, G. O.; Oliveira, J. C.; Ferrari, D. S.; Ferreira, C. E. L.; Floeter, S. R.; Segal, B.
4:45	Immune priming occurs in the sea anemone, <i>Aiptasia pallida</i> . <u>Brown, T.</u> ; Rodriguez-Lanetty, M.	Deep-sea harpacticoid families expand the scope of impacts of the Deepwater Horizon oil spill and provide family-level indicators of tolerance and sensitivity Baguley, J.G.; Bang, H.W.; Moon, H.; Montagna, P.A.	A New Comparative Genomic Approach for Understanding Adaptation to Extreme Environments Applied to Ctenophores and Depth <u>Joseph F. Ryan</u> ; Warren R. Francis; Erik V. Thuesen; Steven H.D. Haddock	Latitudinal Gradient in Diet Specialization of Brachyuran Crabs <u>Papacostas, Katherine J.</u> ; Freestone, Amy, L.
5:00	The effect of short-term thermal stress and subsequent recovery on Caribbean gorgonian corals <u>Shirur, K. S.</u> ; Ramsby, B. D.; Iglesias-Prieto, R.; Goulet, T. L.	Nutritional status drives hypoxia tolerance in the Asian green mussel <i>Perna viridis</i> from Indonesia <u>Huhn, M.</u> ; Lenz, M.; von Juterzenka, K.	Divergence of vision-based object tracking in a three-spined stickleback species-pair <u>Ashwin A. Bhandiwad</u> ; Matthew E. Arnegard; Robert A. Mohr; Catherine E. Peichel, Joseph A. Sisneros	BI 2.0: A Fresh Look at NSF's Broader Impacts Criterion Richard Tankersley
5:15	Local Recovery and Extinction of Elkhorn Coral Populations on the Florida Reef Tract <u>Neely, K.L.</u> ; Lunz, K.S.; Williams, D.E.; Macaulay, K.A.	Are cumulative impact indices an appropriate proxy for ecosystem health? <u>Haupt, A.J.</u> ; Baruch-Mordo, S.; JBourque, J.; Smith, S. ⁴	An "inordinate fondness" for mesograzers? Herbivory promotes speciation in aquatic Crustacea Poore, A.; Lowry, J.; Lavery, S; <u>Sotka, E.E.</u>	

Saturday, March 22nd

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Reef Ecology</i> Chair: Mark Patterson	<i>Anthropogenic Impacts</i> Chair: Pamela Brannock	<i>Ecosystem Functioning</i> Chair: Augusto Flores	<i>Conservation and Management</i> Chair: Dara Wilber
8:30	Temporal Changes in Juvenile Density of Octocorals and Stony Corals Following Disturbance on Patch Reefs of the Florida Reef Tract <u>Bartlett, Lucy</u> ; Brinkhuis, Vanessa; Colella, Mike; Ruzicka, Rob; Hallock, Pamela; Lunz, Kate; Moulding, Alison	Toxicity of oil and dispersed oil on juvenile mud crabs, <i>Rhithropanopeus harrisi</i> <u>Julie A. Anderson</u> ; Adam J. Kuhl; A. Nikki Anderson	Interactive effects of grazing and desiccation stress on macroalgal biomass at subtropical rocky shores exposed to variable wave action <u>Flores, A. A. V.</u> ; Christofolletti, R. A.; Navarrete, S. A.	Complex effects of casitas on spiny lobsters in the Florida Keys, FL (USA) <u>Gutzler, B.C.</u> ; Butler IV, M.J.; Behringer, D.C.
8:45	Infection by cymothoid isopod, <i>Anilocra haemuli</i> on French grunt (<i>Haemulon flavolineatum</i>) is associated with host social affiliation & aggregation size <u>Welicky, R. L.</u> ; Sikkell, P. C.	Temperature-induced changes in kelp tissue increase feeding rate of a gastropod mesograzer <u>Simonson, E.</u> ; Metaxas, A.; Scheibling, R.E.	The effects of size and morphology on pumping rates of Caribbean giant barrel sponges <u>Steven E. McMurray</u> ; Joseph R. Pawlik; Christopher M. Finelli	The Impact of Sea Level Rise on the Population Distribution of the Fiddler Crab (<i>Uca pugnax</i>) in Southern Delaware Salt Marshes. <u>Hanson, Cynthia K</u>
9:00	Scaling up ecological interactions over space and time: an example with reef fish <u>J. Wilson White</u> ; Andrea L. Dingeldein; Melissa M. Heintz	Spatial patterns of invertebrate response to freshwater outflow in the IRL & SLE <u>Miranda Steffler</u> ; Seabird McKeon	Engineering or food? Mechanisms of facilitation by a habitat-forming invasive seaweed Wright, J. T.; <u>Byers, J. E.</u> ; DeVore, J. L.; Sotka, E. E.	Winter Flounder Estuarine Habitat Use and the Influence of Spring Temperatures on Subsequent Year Class Strength <u>Wilber, D.H.</u> ; Alcoba, C.; and Davis, D.
9:15	Can heterotrophy in corals be exploited to improve the stock of coral fragments for transplantation in Mauritius? <u>Elliott, J.A.</u> ; Pillay, R.M.; Patterson, M.R.	Climate change and the expansion of dead zones <u>Andrew H. Altieri</u> ; Keryn B. Gedan	How the tempo of succession can close the window of opportunity for alternative states in the Gulf of Maine <u>Petratits, P.</u> ; Dudgeon, S.R.	Using seagrass density and its variability as an indicator for seagrass stability, resiliency, and sustainability in the Indian River Lagoon, Florida <u>Morris, L.J.</u> , Chamberlain, R.H., Miller, J.D.; Hall, L.M.
9:30	Community Dynamics of Sessile Invertebrates on a Temperate Reef of the South Atlantic Bight <u>Gleason, Daniel F.</u> ; Divine, Lauren M.; Matterson, Kenan O., Poirson, Brittany N.	After the Deepwater Horizon Oil spill: Examining spatial and temporal variation of intertidal meiofaunal communities using a metagenomic approach <u>Pamela M. Brannock</u> ; Damien S. Waits; Jyotsna Sharma; and Kenneth M. Halanych	Comparison of process coupling in the nitrogen cycle between the New River and Cape Fear River estuaries <u>Oxe, E.A.</u> ; Borrett, S.R.; Hines, D.E.; Lisa, J.A.; Song, B.; Tobias, C.R.	Population modeling of the Rainwater Killfish, <i>Lucania parva</i> , in Florida Bay <u>Marcum, P.</u>
9:45	An unfortunate positive feedback loop toward algal dominance on coral reefs: Why do herbivorous fish ignore algae where it is dense? <u>Idjadi, J.A.</u> ; Salois S.	Monitoring impacts to nearshore hardbottom habitats from beach nourishments <u>Kosmynin, V. N.</u> ; Peterson, J.M.		Benthic Habitat-Based Framework for Ecological Production Functions: Case Study for Utilization by Estuarine Birds in a Northeast Pacific Estuary <u>Nelson, W.G.</u> ; Frazier, M.R.; Lamberson, J.O.
10:00	BREAK	BREAK	BREAK	BREAK

Saturday, March 22nd

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	Reef Ecology Chair: Julie Olson	Anthropogenic Impacts Chair: Peter Etnoyer	Ecosystem Functioning Chair: James Byers	Conservation and Management Chair: Paul Bologna
10:30	Environmental and ecological factors influence disease and immunity for emerging pathogens of Caribbean sea fans <u>Allison Tracy</u> ; Ernesto Weil; Drew Harvell	VARIABLE RESPONSES OF THE CALCAREOUS GREEN ALGAE <i>HALIMEDA INCRASSATA</i> AND <i>HALIMEDA SIMULANS</i> TO OCEAN ACIDIFICATION <u>Campbell, Justin E.</u> ; Paul, Valerie J.; Miller, A Whitman	Comparison of process coupling in the nitrogen cycle between the New River and Cape Fear River estuaries <u>Oxe, E.A.</u> ; Borrett, S.R.; Hines, D.E.; Lisa, J.A.; Song, B.; Tobias, C.R.	Theory of spatial management for sex-changing fishes <u>Easter, Erin E.</u> ; White, J. Wilson
10:45	Reefscapes of fear: evaluating the effect of predation risk on reef herbivore foraging behavior within a seascape context <u>Catano, L. B.</u> , Burkepile, D. E.	Multiple stressor effects on reef recovery: Do we kick reefs when they're down? <u>Michael Gil</u> ; Silvan Goldenberg; Anne Ly; Lianne Jacobson; Suzanne Mills; and Joachim Claudet	Pan-Svalbard decadal growth rate variability and environmental regulation in the Arctic bivalve <i>Serripes groenlandicus</i> <u>Carroll, M.L.</u> ; Ambrose, W.G.; Locke, W.L.	Marine protected areas (MPAs) potentially reverse the development of fishing-induced traits in exploited populations of coral-reef fishes <u>Fidler, R.Y.</u> ; Turingan, R.G.
11:00	Coral-algal interactions: modified by vermetid snails <u>Brown, A. L.</u> ; Osenberg, C.W.	Polycyclic Aromatic Hydrocarbon Biomarkers in Deep Sea Sharks in the Years Following the Deepwater Horizon Oil Spill <u>Arianne Leary</u> ; Jim Gelsleichter; Dean Grubbs	Mobile substrate: quantifying back reef rubble movement <u>Pausch, R.</u> ; Miller, M.W.; Olson, D.	Impacts of Hurricane Sandy on Submerged Aquatic Vegetation in Barnegat Bay, New Jersey <u>Bologna, P.</u> ; Balzano, S.; Suleski, A.
11:15	Spatial patterns of coral occupants arising from propagule redirection <u>Hamman, E.A.</u> ; Osenberg, C.W.; McKinley, S.A.; Stier, A.C.	Spatial overlap of commercial fisheries with deep-sea corals and sponges in Southern California Bight <u>Etnoyer, P.J.</u> ; Salgado, E.; Stierhoff, K.L.; Nehasil, S.; Turner, A.J.	Sea urchin barrens as alternative stable states of collapsed kelp ecosystems <u>Filbee-Dexter, K.</u> ; Scheibling, R.E.	Development of a nucleic acid based specific growth model for juvenile blue crab <i>Callinectes sapidus</i> <u>Zaveta, D.R.</u> ; Miller, T. J.
11:30	Interacting effects of environmental conditions and pathogen exposure on the Caribbean sea fan immune response <u>Mann, W.T.</u> ; Burge, C.A.; Lyles, J.; Weil, E.; Harvell, C.D.; Mydlarz, L.D.	Direct and indirect effects of multiple stressors on <i>Spartina alterniflora</i> <u>Rachael E. Blake</u> ; Jill A. Olin	enaR: An R package that facilitates comparison of ecosystem structure and function with network analysis <u>Stuart R. Borrett</u> ; Matthew K. Lau; David E. Hines	Classifying Benthic Habitats is Complex, and that's what Epifaunal Invertebrates Like about It <u>Henkel, S. K.</u> ; Hemery, L.
11:45	High densities of the nudibranch <i>Tritonia hamnerorum</i> affecting localized <i>Gorgonia ventalina</i> seafan populations on Florida reefs. <u>Brinkhuis, V.</u> ; Bartlett, L.; Colella, M.; Ruzicka, R.; Lunz, K.		A network model comparison predicts how seawater intrusion will alter coupling among estuarine nitrogen cycling processes <u>David E Hines</u> ; Jessica A Lisa; Bongkeun Song; Craig R. Tobias; Stuart R. Borrett	Translocation of <i>Acropora cervicornis</i> across geographic regions: Investigating the ability to acclimate for species recovery and restoration <u>Bliss, Cody</u> ; Gilliam, David; Ken Nedimyer
12:00	BREAK	BREAK	BREAK	BREAK

Saturday, March 22nd

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Reef Ecology</i>	<i>Trophic Relationships</i>	<i>Ecosystem Functioning</i>	<i>Chemical Ecology</i>
	Chair: Rob Ruzicka	Chair: Jill Olin	Chair: J. Antonio Baeza	Chair: Lee Smee
2:00	<p>Coral and Zooxanthellae Responses to Seasonal Fluctuations and Freshwater Discharge on St. Lucie Reef, FL</p> <p>Courtney Klepac; Voss, J.D.; Beal, J.; Sproles, A.; Polinski, J.</p>	<p>Diet Analysis of the Atlantic Sea Nettle, <i>Chrysaora quinquecirrha</i>, in Barnegat Bay, NJ</p> <p><u>Rios, Idali M.</u>; Bologna; P.A.X.; Gaynor, J.</p>	<p><i>Zostera marina</i> and <i>Ruppia maritima</i> in the Chesapeake Bay: Ecosystem Services Changes with Changing Environment</p> <p><u>Emily French</u>; Kenneth Moore</p>	<p>Where angels bring sponge dread: Further evidence for top-down control of sponge community structure on Caribbean reefs</p> <p><u>Pawlik, J.R.</u>; Loh, T.-L.</p>
2:15	<p>Characterizing 21st century growth trends of the scleractinian coral <i>Siderastrea siderea</i> throughout the Belize barrier reef and atoll system</p> <p><u>Courtney, T.</u>; Baumann, J.; Foguel, A.D.; Horvath, K.; Westfield, I.; Castillo, K.D.; Ries J.B.</p>	<p>Wave exposure, available prey density, and predator cues elicit variable foraging behavior in <i>Nucella lapillus</i></p> <p><u>Dernbach, E.M.</u>; Freeman A.S.</p>	<p>Spatial heterogeneity drives biodiversity in the Indian River Lagoon</p> <p>Robert Virnstein</p>	<p>The role of predation cue sources in inducible defenses in the Eastern oyster (<i>Crassostrea virginica</i>)</p> <p><u>Scherer, A.</u>; Lunt, J.; Draper, A.; Smee, L.</p>
2:30	<p>Characterization of Benthic Habitat and Coral Community Composition in Deep Water Habitats at the Flower Garden Banks National Marine Sanctuary</p> <p>Voss, Joshua; <u>Williams, Maureen</u>; Clark, Randy; Reed, John; Horn, Lance; Hickerson, Emma; Nuttall, Marissa; Taylor, Chris; Schmahl, G.P.</p>	<p>Changes in seagrass foodweb structure in relation to marine reserve status and seasonal abiotic forcing</p> <p><u>James G. Douglass</u>; Eric A. Reyier; Anson H. Hines</p>	<p>Effects of polychaete diversity on ecosystem functioning in coastal sedimentary environments</p> <p><u>Bellev, Rénaud</u>; Snelgrove, Paul</p>	<p>Exoenzyme use for feeding and fouling management in fiddler crabs (<i>Uca pugilator</i>) and blue crabs (<i>Callinectes sapidus</i>)</p> <p><u>Tara Essock-Burns</u>, Anna Hinshaw, Ali Thompson and Dan Rittschof</p>
2:45	<p>Methodological challenges associated with studies of marine diseases</p> <p><u>Julie B. Olson</u>; Deborah J. Gochfeld; Robert W. Thacker</p>	<p>Whipping up dinner: measuring heterotrophic feeding by temperate Atlantic gorgonian octocorals using feeding experiments and stable isotope analysis</p> <p><u>Conti-Jerpe, Inga E.</u>; Finelli, Christopher M.; and Pawlik, Joseph R.</p>	<p>Assessment of particulate removal associated with the presence of oyster (<i>Crassostrea virginica</i>) structure in a tidally dominated creek system</p> <p><u>Lemon, M.G.</u>; Posey, M.H.; Mallin, M.A.; Alphin, T.D.</p>	<p>Understanding the impact of <i>Halimeda opuntia</i> on the bacterial assemblages associated with the crustose coralline alga <i>Hydrolithon boergeresii</i></p> <p><u>Harrison, S.J.</u>; Houk, L.J.; Sneed, J.M.; Paul, V.J.</p>
3:00	<p>Acidification and algae, do they have interactive effects on corals?</p> <p><u>Heather Hillard</u> ; Robert Carpenter.</p>	<p>Size Matters? Gape size—body size relationships in coral reef fish communities</p> <p><u>Dunic, J.C.</u>; Baum, J.K.</p>	<p>After the Blooms: Is Seagrass Recovery in the Indian River Lagoon Recruitment Limited?</p> <p><u>Hanisak, M.D.</u>; Chamberlain R.; Hart J; Morris L.; Virnstein, R.</p>	<p>Biogeographic variation in behavioral and morphological responses to predation risk: Interactions between crabs and <i>Nucella</i> in the Gulf of Maine</p> <p><u>Delbert Lee Smee</u>; Scott I. Large</p>
3:15	<p>Status and Trends of the Giant Barrel Sponge (<i>Xestospongia muta</i>) in the Florida Keys</p> <p><u>Ruzicka, R.</u>; Colella, M.; Brinkhuis, V.; Kidney, J.</p>	<p>Variation in resource use by Seaside Sparrows (<i>Ammodramus maritimus</i>) in Louisiana marshes based on stable isotopes and fatty acid profiles</p> <p><u>Olin, Jill A.</u>; Bergeon Burns, Christine M.; Stouffer, Philip C.; Taylor, Sabrina S.</p>	<p>Population dynamics and ecology of the peppermint shrimp, <i>Lysemata boggessi</i>, a protandric simultaneous hermaphrodite from the west coast of Florida</p> <p><u>Dickson, M.D.</u>; Behringer, D.C.; Baeza, J.A.</p>	<p>A matter of taste: Impacts of decreased pH and elevated seawater temperature on feeding choices of an Antarctic amphipod</p> <p><u>Schram, Julie B.</u>; Amsler, Margaret O.; Amsler, Charles D.; McClintock, James B.; Angus, Robert A. Schoenrock Kathryn M.</p>
3:30	BREAK	BREAK	BREAK	BREAK

Saturday, March 22nd

Location	Grand Banquet Hall	Board of Trustees	Room 1003	Room 1020
Time	<i>Reef Ecology</i> Chair: Joshua Voss	<i>Trophic Relationships</i> Chair: David Thistle	<i>Behavior</i> Chair: Charles Martin	<i>Chemical Ecology</i> Chair: Marc Weissburg
4:00	<p>Estuarine Discharge Impacts on Coral Reef Health and Implications for Water Management in Southeast Florida</p> <p><u>Joshua D. Voss</u>; Jeff Beal; Maureen Williams; Lisa Cohen; Sara Edge; Courtney Klepac</p>	<p>Use of isotopic niche metrics to provide insight into resource and habitat use in a New England Saltmarsh</p> <p><u>James A. Nelson</u>, Linda Deegan, Robert Garritt</p>	<p>Seasonal interactions between wave action and starvation mediate displacement and microhabitat selection in the common sea star, <i>Asterias rubens</i></p> <p><u>Provencher St-Pierre, Anne</u>; Gagnon, Patrick</p>	<p>Effect of chemical cues on the metamorphosis of the American horseshoe crab <i>Limulus polyphemus</i></p> <p><u>Kronstadt, S.M.</u> and Tankersley, R.A.</p>
4:15	<p>The Influence of Growth Form, Skeletal Composition, and Investment in Defensive Chemistry on Rates of Fragment Reattachment of Coral Reef Sponges</p> <p><u>Biggs, B.C</u></p>	<p>A non-lethal approach identifies ontogenetic shifts in $\delta^{15}\text{N}$ signatures in fin rays of Goliath Grouper, <i>Epinephelus itajara</i></p> <p><u>Tzadik, O.E.</u>; Goddard, EA.; Hollander, DJ.; Koenig, CC.; Stallings, CD.</p>	<p>Morph-specific strategies of habitat use in a color polymorphic marine shrimp</p> <p>Duarte, R. C.; Flores, A.A.V.</p>	<p>The B vitamins nicotinamide and riboflavin stimulate metamorphosis of the polychaete <i>Capitella teleta</i>: implications for a sensory ion channel.</p> <p><u>Burns, R.</u>; Pechenik, J.; Biggers, W.; Scavo, G.; Lehman, C.</p>
4:30	<p>The effects of ocean acidification and climate change on the virulence of black band disease</p> <p><u>Nicole Leporacci</u>, Erinn Muller, Emily Hall, Kim Ritchie</p>	<p>Does size matter: Are mesopredators controlling oyster populations in southeast North Carolina intertidal estuaries?</p> <p><u>John M. Carroll</u>; John P Marion; Christopher M Finelli;</p>	<p>Effect of Storm-Induced Sediment Resuspension on Valve Gape Behavior of the Hooked Mussel <i>Ischadium recurvum</i> and the Eastern Oyster <i>Crassostrea virginica</i></p> <p><u>Elka T. Porter</u>, and Kelly Kunsch</p>	<p>Accounting for taste: Does fish predation select for greater sponge chemical defenses?</p> <p><u>Marty, Micah J.</u>; Blum, James; Pawlik, Joseph R.</p>
4:45	<p>Quantifying algal productivity-consumption rates needed to prevent phase shifts on coral reefs</p> <p><u>Austin T. Humphries</u>; Tim R. McClanahan</p>	<p>The role of epiphytic harpacticoid copepods in the food web of a <i>Halodule wrightii</i> seagrass meadow (Gulf of Mexico, Florida)</p> <p><u>Veit-Köhler, G.</u>; Peters, J.; Mayr, C.; Chanton, J.; Thistle, D.</p>	<p>Utilizing fear in seagrass restoration? The effects of avian predators on fish behavior and indirect effects on seagrass fauna and epiphytes</p> <p><u>Jennifer M. Hill</u>; Ken L. Heck</p>	<p>The sphere of fear: how far can prey chemically sense predators in the field?</p> <p><u>Weissburg, M.J.</u></p>
5:00	<p>The role of consumers in mediating coral-algal phase shifts</p> <p><u>Kuempel, C.D</u>; Altieri, A H.</p>	<p>When the Micropredator Becomes Microprey: Predation of an Eastern Caribbean Gnathiid Isopod by Microcarnivorous reef fishes</p> <p><u>Artim, J.M</u>; Grippo, R S; Sikkell, P C</p>	<p>Behavioral Response of Marsh Fishes to Macondo Oil</p> <p><u>Charles W. Martin</u>; Kenneth W. Able; F. Joel Fodri; Olaf P. Jensen; Paola C. Lopez-Duarte</p>	<p>Algal chemical ecology in a changing ocean</p> <p><u>Paul, Valerie J.</u>; Campbell, Justin; Craft, Jonathan D.; Ritson-Williams, R.; Langdon, C.</p>
5:15	<p>Fish-derived nutrients create heterogeneity in important community structuring processes</p> <p><u>Andrew A. Shantz</u> & Deron E. Burkepile</p>	<p>Mobility influences trophic interactions in Marine Protected Areas</p> <p><u>Jing Jiao</u>; Sergei Pilyugin; Craig W. Osenberg</p>	<p>The other side of 'safety in numbers' – foraging facilitation for a schooling predator</p> <p><u>Schrandt, M.N.</u>; Powers, S.P.</p>	<p>Behavioral Modifications of <i>Aplysia californica</i> to Natural Aversive Stimuli</p> <p><u>Kevin D Wolfe</u>; Marcy L. Wainwright; Riccardo Mozzachiodi; Delbert L. Smee</p>