

DAY-AT-A-GLANCE Thursday, 13 April 2017						
	Hall of Fame					
7:30	Continental Breakfast					
	Ballroom DE					
8:30	WELCOME					
9:00	PLENARY					
10:00	BREAK					
	Ballroom DE					Ballroom AB
10:30	Marine Science Contributions to Coastal Ecosystems Panel					JEMBE
12:00	LUNCH					
	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
1:30	Habitat Sustainability & Restoration	Reef Ecology	Trophic Relationships & Resilience	Biological Invasions	Evolution	Ecosystem Functioning & Sustainability
3:00	BREAK					
3:30	Habitat Sustainability & Restoration	Reef Ecology	Trophic Relationships & Resilience	Biological Invasions	Brevity	Ecosystem Functioning & Sustainability
4:30						NSF
5:00	BREAK					
5:30	BUSES TO CCU					
6:00	CCU RECEPTION/FILM FESTIVAL				SEERS WELCOME RECEPTION (Hall of Fame)	
9:00	BREAK					

THURSDAY MORNING (8:30-10 AM)

Ballroom DE	
8:30	Meeting Welcome and Announcements
8:45	
9:00	Jon Grant <i>Criteria for sustainability in coastal management: lessons from marine aquaculture</i>
9:15	
9:30	
9:45	

THURSDAY MORNING (10:30 AM-12 NOON)

	Ballroom DE	Ballroom AB
	Marine Science Contributions to Coastal Ecosystems Panel	JEMBE
10:30	Louise Firth	Munguia & Petraitis
10:45	Jennifer Pollack	Successfully submitting and reviewing manuscripts in marine science
11:00	Brittany Blomberg	
11:15	E.V. Bell	
11:30	<i>Success stories of Restoration and Recovery focused on the Southeast and Gulf Coasts</i>	
11:45		

THURSDAY AFTERNOON (1:30-3:00 PM)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Habitat Sustainability and Restoration	Reef Ecology	Trophic Relationships and Resilience	Biological Invasions	Evolution	Ecosystem Functioning and Sustainability
1:30	Mayer-Pinto* Can we increase services provided by coastal infrastructure with eco-engineering?	Paxton Artificial and natural reefs are not created equal: subtropical and tropical fish prefer deep artificial reefs; temperate fish prefer natural reefs	Kiskaddon Investigating anthropogenic impacts on mangrove food webs via population-level trophic niche analyses of <i>Armases cinereum</i> in Tampa Bay, FL.	Hobbs* The best offense is a good defense: <i>Hemigrapsus sanguineus</i> aggregations defend against both predators and competitors	Burgess* Collective dispersal leads to variance in fitness and maintains offspring size variation	Keller Shoalgrass (<i>H. wrightii</i>) may not serve as a spatial-temporal habitat refuge offsetting the seasonal loss of eelgrass (<i>Z. marina</i>)
1:45	Zhang Coastal habitat restoration: Priorities, methodologies, and distribution	Rosemond Fish use of reef structures and surrounding sand flats: implications for buffer zones between existing and new artificial reefs	Hovel Do patch edges elevate predation risk for eelgrass epifauna? A global test	Moritzen Cannibalism as a potential factor limiting population growth in the invasive Asian shore crab, <i>Hemigrapsus sanguineus</i>	Moscoco Color variation, gamete compatibility and spawning behavior resulting in Assortative Mating in the sea urchin <i>Lytechinus variegatus</i> .	Williams Consumer control of salt marsh geomorphic processes
2:00	Aguilar Restoration of Half Moon Reef in Matagorda Bay, TX: Community Response to Salinity Disturbance	Sims Influence of farmer and non-farmer damselfishes on coral transplant success	Pudlak Grazing Potential of the Bucktooth Parrotfish, <i>Sparisoma radians</i> , on Turtle Grass, <i>Thalassia testudinum</i> , and the Invasive Seagrass, <i>Halophila stipulacea</i>	Blakeslee Altered susceptibility to trematode parasite infection in native versus introduced populations of the European green crab, <i>Carcinus maenas</i>	Levitan Do sperm compete and do eggs ever have a choice: How does adult density and gamete mixing influence selection in the sea?	Lemasson Multi-stressors impacts of climate change on shellfish: implications for reef functioning and species management
2:15	Montagna Hydrological Restoration of Benthos in a Hydrologically Stressed Estuary	Miller* Quantifying genotypic disease resistance in nursery-cultured <i>Acropora</i> spp. genotypes	Kulp Soft-vegetative and hard-bottomed biogenic habitats alter the foraging efficiency of predators in a species-dependent manner	O'Connor Update on the Asian shore crab invasion in southeastern New England: Lessons learned from re-visiting sampling sites	Chak Evolutionary transitions towards eusociality in snapping shrimps	McMurray Cultivating the carbon cycle: population growth alters carbon flux for the Caribbean giant barrel sponge <i>Xestospongia muta</i>
2:30	Rezek Functional equivalence of offshore platforms and "Rigs-to-Reefs" artificial reef communities in the Gulf of Mexico.	Powers Sediment Characteristics as an Environmental Control on the Success of <i>Symbiodinium</i>	Kenworthy* Living on the edge of seagrass: Can it be a good thing?	Mack Spatial and temporal trends in populations of the green porcelain crab, <i>Petrolisthes armatus</i> within the species' northernmost invaded range	Pujdak Temperate rocky shore cryptic species and ecological implications	Palmer Linking hydrography to black drum in a hypersaline estuary; Baffin Bay, Texas
2:45		Harris Application of Landscape Ecology to Facilitative Interactions between Estuarine Ecosystem Engineers	Rodriquez Juvenile green sea turtle grazing and the tropicalization of the northern Gulf of Mexico	Baillie Invasion dynamics: interactions between the European Green Crab <i>Carcinus maenas</i> and the Asian Shore Crab <i>Hemigrapsus sanguineus</i>	Wares What doesn't kill them makes them stronger: disease and genetic tolerance in the keystone predator <i>Pisaster ochraceus</i>	Hanisak* What Caused the Drift Macroalgae Die-off Prior to the 2011 Superbloom in the Indian River Lagoon, Florida?

THURSDAY AFTERNOON (3:30-5:00 PM)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Habitat Sustainability and Restoration	Reef Ecology	Trophic Relationships and Resilience	Biological Invasions	Brevity	Ecosystem Functioning and Sustainability
3:30	O'Shaughnessy* The World Harbour Project and eco-engineering of coastal infrastructure: a design for life	Jones, A. Habitat disturbances lead to beta diversity increase driven by species replacement and total abundance rise: the Sabellaria alveolata reef case	Atkins* Spatial Variability in a Salt Marsh Consumer	Fowler* A bait box for all seasons: live marine baitworm trade as a vector for non-indigenous species	Ramus An invasive foundation species enhances multifunctionality in a coastal ecosystem	Rohal The Effect of the Deepwater Horizon Oil Spill on Ecosystem Services in the Northern Gulf of Mexico
3:45	Mladinich Crepidula fornicata shell beds as a potential spatial refuge for bay scallops, Argopecten irradians irradians, in the Peconic Bays, New York	Colella* Annual surveys of Scleractinian and/or Gorgonian populations in the Florida Keys from 2012 to 2016	Ziegler Snailed It: the effects of tidal inundation and structural complexity on predator-prey dynamics in salt marshes	Tracy & Newcomer Monitoring marine fouling assemblages using comparative techniques: Assessing resolution and accuracy of photograph-based taxonomy of invertebrates	Wolcott Interested in behavioral/physical interactions in larval transport? Can't track larvae? How about robotic larvae you can track?	Kahover Modeling Particle Removal and Nutrient Dynamics on a Restored Oyster Reef
4:00	Goldenberg A comparison of fish assemblages on outplanted Acropora cervicornis reefs and natural reefs in Southeast, Florida, USA	Vojnyk Population Density, Distribution & Health Of Shallow Water Caribbean Porifera From an UNESCO Biosphere Reserve, St. John, USVI	Oshima Testing robustness of the northern Gulf of Mexico trophic dynamics using social network analysis	Hill, J. Plant genotype identity, diversity, and mesograzers species diversity interactively influence detrital consumption in eelgrass meadows	Studivan Plasticity, ecomorphs, & adaptation? Montastraea cavernosa has shallow & depth-generalist morphotypes across mesophotic reefs in the Gulf of Mexico	Soissons* Sandification vs. muddification of tidal flats by benthic ecosystem engineers: a flume study
4:15	Funk Tidal Creek Effects on Oyster Reef Associated Nekton and Benthos Condition and Density	Ehlers Influence of reef characteristics on the abundance and social structure of two reef parrotfishes	Breaux Evaluating Effects of Extreme Salinity Change on a Benthic Predator	Scott Effects of the invasive foundation species, Watersipora subtorquata, on fouling community structure are environmentally dependent	Kough Confidence in connectivity: promoting indiscriminate harvest in a population sink?	Zarnoch Will restored salt marshes in urban eutrophic estuaries provide ecosystem services?
4:30	Lytle Gut content of Fundulus heteroclitus as a measure of restored marsh maturation	Hamman Effects of lesion spatial distribution on coral growth and morphology	Lebreton Importance of benthic algae in the functioning of coastal food webs. Evidences from stable isotope and fatty acid analyses.	Evans A comparison of microbial symbiont community structure and host specificity in introduced and native ascidians from artificial versus natural habitats	Lowell Modulating pCO ₂ in situ: A novel approach for a complex world	NSF
4:45	Del Rosario Determining an environmental flow regime using benthic macrofauna as biological indicators of ecosystem health	Howe Resilience of transplanted fused staghorn coral, Acropora prolifera, to non-natal habitats shaped by environmental and ecological conditions	Bologna Top-Down Impacts (or Lack thereof) on Community Structure following Hurricane Sandy in Barnegat Bay, NJ, USA	Flanagan Rapid evolution of heat-shock protein (hsp) expression facilitates invasion of an ecosystem engineer	Finelli* Is there a vision for change in the quest for ocean literacy?	Carrington Benthic ecology and student funding @NSF

DAY-AT-A-GLANCE						
Friday, 14 April 2017						
Hall of Fame						
7:30	Continental Breakfast				Carrers & Coffee	
	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
8:30	Habitat Sustainability & Restoration	Reef Ecology	Trophic Relationships & Resilience	Biological Invasions	Molecular Ecology	Metapopulations & Population Genetics
10:00	BREAK					
10:30	Habitat Sustainability & Restoration	Reef Ecology	Chemical Ecology	Climate Change	Molecular Ecology	Recruitment & Larval Ecology
12:00	LUNCH					
1:30	Bertness	Reef Ecology	Community Ecology	Climate Change	Coastal Ecosystem Resilience	Recruitment & Larval Ecology
3:00	BREAK					
3:30	Bertness	Reef Ecology	Community Ecology	Climate Change	Coastal Ecosystem Resilience	Recruitment & Larval Ecology
						SEERS Board Meeting
5:00	BREAK					
	Ballroom DE					
6:00	POSTER SESSION/RECEPTION (SHERATON)					
9:00	BREAK					

FRIDAY MORNING (8:30-10 AM)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Habitat Sustainability and Restoration	Reef Ecology	Trophic Relationships and Resilience	Biological Invasions	Molecular Ecology	Metapopulations and Population Genetics
8:30	Hardison Soundscape manipulation through the experimental addition of snapping shrimp does not affect rates of <i>Crassostrea virginica</i> larval recruitment	Page* Importance of coral reef community composition and benthic metabolism to seawater carbonate chemistry: implications for ocean acidification	Scherer Predator diet effects on prey defensive responses: A review of the field and case study in the eastern oyster <i>Crassostrea virginica</i>	Gribben* Microbial communities in marine sediments control native/invasive macrophyte interactions	Dearth Development of a sandwich hybridization assay for the harmful cyanobacterium <i>Microcystis</i>	Elledge Genomic analysis of <i>Serratia marcescens</i> associated with white pox disease in elkhorn corals (<i>Acropora palmata</i>)
8:45	Caretti Can soundscapes be used to monitor estuarine fish responses to oyster reef restoration?	Spadaro The bigger picture: cascading effects of the Caribbean King Crab on the community structure of coral patch reefs	Fehon Foraging ecology of blue crabs (<i>Callinectes sapidus</i>) and their potential impact on winter flounder (<i>Pseudopleuronectes americanus</i>)	Haram Getting to the dinner table: the impact of an invasive ecosystem engineer on predator foraging in Southeastern mudflats	Harper Every invasion tells a different story: cryptic lineages and hybridization in a cosmopolitan marine invertebrate	Luzzio* Assessing links between genomic and environmental variation in a population of bivalves from the Gulf of Maine
9:00	Lyon Do Soundscape Characteristics Reflect Fish Biodiversity and Habitat Complexity in Concrete Block Artificial Reefs?	Mudge The relative importance of parrotfish and <i>Diadema</i> grazing in the recovery of elkhorn coral	Cribari Confirmation of blue crab (<i>C. sapidus</i>) predation on juvenile winter flounder (<i>P. americanus</i>) in southern New England waters using a PCR-method	Holt Tracking Biological Invasions: An Assessment of Mussel Species in the St. Johns River, Jacksonville, FL, USA	Reaume Parasite-induced behavior modification of <i>Emerita talpoida</i> 's circatidal rhythm	Lack Temporal shifts in genetic composition and kinship of Eastern oyster spat <i>Crassostrea virginica</i>
9:15	Ricci Application of a Passive Acoustic, Fish Call Detection Tool to Assess Oyster Reef Restoration Success	Harper Variability in coral and octocoral recruitment along the Florida Reef Tract	Heck Exploring the indirect effects of the presence of black sea bass (<i>Centropristis striata</i>) on the survival of bay scallops (<i>Argopecten irradians</i>)	Krueger-Hadfield Ghosts of oysters past? The putative source of the Northern Hemisphere <i>Gracilaria vermiculophylla</i> invasion hints at <i>Crassostrea gigas</i> exports	Coyle Some like it cold? – links between genotype and freezing tolerance in a green crab hybrid zone	Studivan Population genetics & gene expression reveal broad connectivity among shallow & mesophotic reefs in the Gulf of Mexico
9:30	Mallin* Secrets of constructed wetlands and detention ponds - Revelations	Ramseyer Factors controlling the abundance of the macroalgae, <i>Dictyota</i> spp. and their interactions with stony corals in St. Thomas, USVI	Murphy Ontogenetic variation in diet and the implications of prey selection in an anadromous fish species	Gilg Genetic diversity of a skilled hitchhiker; comparisons of green mussels from native and introduced populations and vessel intercepts	Carlton* Conflicting speeds of introgression among mitochondrial and nuclear genes suggest adaptive processes in a green crab hybrid zone	
9:45		Hannides Highly abundant and well-mixed microphytobenthos in shallow subtidal calcareous reef sands	Valentine* Impacts of multiple predator effects on prey assemblages in the northern Gulf of Mexico: a mesocosm test using additive and substitutive designs	Sotka Rapid evolution of stress tolerance facilitates the invasion of an ecosystem engineer	Restaino Molecular Identification of Nudibranch Predation on Cnidarians	

FRIDAY MORNING (10:30 AM-12 NOON)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Habitat Sustainability and Restoration	Reef Ecology	Chemical Ecology	Climate Change	Molecular Ecology	Recruitment and Larval Ecology
10:30	Mathews Patterns of phytoplankton biomass in a manipulated estuary with an uncertain future	Baumann Historical decline of coral growth rates over the last century varies by reef zone in Belize	Marty Palatability of variably defended Caribbean sponge species is unrelated to predator abundance	Manning Differential effects of wounding and ocean acidification on tropical crustose coralline algae	Gantt Hard Rock! Stable Sponge Microbiome in a Heavy Metal Polluted Environment	Beatty Towards a better understanding of coral settlement, survivorship, & microbiomes on coral-dominated and seaweed-dominated reefs
10:45	Mazinelli* Underwater forests restoration: 'Operation crayweed'	Whitcher Reef building in the US Virgin Islands threatened by ecosystem decline	Sanchez Pick your poison: Resource ecology trade-offs influence parasitism in an invertebrate system	Diskin Effects of Black Mangrove Expansion on Salt Marsh Fauna Before and After a Flood	Kosman* Evidence of temporal linkage between settler density and gametic compatibility in a tunicate population	Galarno Corals vs. Macroalgae: Relative susceptibility to sedimentation and ocean warming
11:00	Kilbane Breaking Waves for Seagrass Success	Hayes Southeast Florida stony coral mortality associated with the 2014-2016 disease event	Prince Red drum ontogenetic shifts in prey network structure and individual specialization mediate persistent organic pollutant accumulation.	Cannizzo An anthropogenic habitat provides a refuge for the range shifting mangrove tree crab within a suboptimal novel ecosystem	Olsen Prevalence of somatic mutations is a function of clone size and depth in reef-building corals of the <i>Orbicella</i> species complex	Figueiredo Synergistic effects of temperature and sedimentation on coral recruits: Does reducing a local stressor increase coral resilience to global warming?
11:15	Botton Does beach nourishment achieve ecological equivalence to natural beaches? Impacts of a beach nourishment project on Jamaica Bay (NY) horseshoe crabs	Bruno* Coral reef degradation is not associated with local human impacts and isolated reefs are not healthier	Ferons Bioaccumulation of mercury in two salt marsh forage fish collected from Dunn Sound, South Carolina	Dickinson* Ocean acidification may lead to altered micromechanical properties of the mineralized cuticle in juvenile red and blue king crabs	Buie Plankton community composition and diversity differ across environmental gradients on coral reefs in Bocas del Toro	Lasker Recruitment and survival of congeneric octocoral species in The Bahamas: it depends
11:30		Bock Exploring disease dynamics in the staghorn coral, <i>Acropora cervicornis</i> : genotypic response to pathogen transmission techniques	Ross Investigating how changing environmental conditions may affect the chemosensory abilities of benthic crustaceans: the Caribbean spiny lobster model	Tedesco Effects of ocean acidification and temperature on biomineralization and adhesion in the barnacle, <i>Amphibalanus amphitrite</i>	Certner Healthy versus diseased coral-associated microbiomes: a metatranscriptomic analysis	Trueman Effects of proximity to source population and substratum type on recruitment in the kelp <i>Alaria esculenta</i> and <i>Laminaria digitata</i>
11:45		Shaver Predator density exponentially increases coral tissue loss and increases the severity of heat-induced coral bleaching	Weisberg* Cracking the code: the molecular nature of diet dependent aversive cues mediating trophic cascades	Crickenberger Reproductive physiology, temperature and biogeography: the role of fertilisation in determining the distribution of the barnacle <i>Semibalanus balanoides</i>	Deignan Agelas Wasting Syndrome alters microbial symbiont communities of the Caribbean brown tube sponge, <i>A. tubulata</i>	Knights* Loss of surface complexity of biogenic reefs reduces potential larval encounter rates with habitat

FRIDAY AFTERNOON (1:30-3:00 PM)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Bertness	Reef Ecology	Community Ecology	Climate Change	Coastal Ecosystem Resilience	Recruitment and Larval Ecology
1:30	Angelini* The Top-Down Effects of Mark Bertness on Marine Ecology and His Facilitation of My Career in Environmental Engineering	Fogarty* Extensive phenotypic variation among the three Caribbean acroporid corals	Ames Reef fish assemblage biogeography of the Florida Reef Tract	Cameron Ocean acidification and warming have negative effects on the calcification rate and mortality of Atlantic Sea Scallops	Klepac Physiological Evidence of Local Adaptation in the Massive Corals <i>Porites lobata</i> and <i>Goniastrea retiformis</i> from Ofu Island, American Samoa	Green* The effects of allelochemicals from bloom-forming seaweeds (<i>Ulva compressa</i> and <i>Ulva rigida</i>) on shellfish larvae
1:45	Altieri Ecological lessons from the rolling stones: Bertness lab adventures on cobblestone beaches	Bove Acidification and warming impair calcification and survivorship of Caribbean corals	Morton Parasites enhance ecosystem functions and resistance to drought in a coastal ecosystem	Pace Effects of increasing bottom water temperature on growth rates of ocean quahogs throughout the Mid-Atlantic	Pawlik The vicious circle hypothesis for the relative lack of resilience of Caribbean coral reefs	Feehan Synergistic effects of temperature, food quality and food quantity on larval sea urchin development
2:00	Bruno, John Mark Bertness 101: the life and science of a pioneering marine ecologist	Sneed Ocean acidification and algal contact cause significant shifts in coral microbiomes	Valentine* Resource Competition Among Sponges in Shallow Tropical Ecosystems	Allam Spatiotemporal analysis of QPX disease in hard clams: Can climate change actually help relief disease pressure?	Dunnigan Short-term variability in water quality and weather as an effect of tropical cyclone events in the southeastern United States	Paulin Effect of wind on the distribution of planktonic larvae and spats of Bivalves in a tidal environment
2:15	Crotty Tidal creek geomorphology and biotic interactions drive spatial patterning in facilitation cascades across southeast US salt marshes	Smith Testing trophic cascades: Top-down versus bottom-up regulation of corals in the Florida Keys	Chin The influence of biogeochemistry and predation on chemosymbiotic clams (Lucinidae) in tropical seagrass beds	Kuykendall The death assemblage as an indicator of habitat usage and climate change: Surfclams and ocean quahogs on Georges Bank	Berke* Long-term changes in benthic community structure following the Deepwater Horizon event	Snyder Linking reproductive physiology, temperature, and larval recruitment: A classic competitive story rewritten by climate
2:30	Duffy How Mark Bertness is partly to blame for my becoming a seagrass ecologist and what's come of it so far	Hightshoe Disease resistance in the threatened staghorn coral, <i>Acropora cervicornis</i>	Repetto Competitive intransitivity in nearshore marine benthic communities across a biogeographic gradient	Nease Assessing the rate and extent of transgenerational adaptation and acclimation to ocean warming	Kurman Variable responses of Giant kelp (<i>Macrocystis pyrifera</i>) individuals and populations to warming	Virgin The effect of temperature on growth, mortality, and settlement of larval ribbed mussels (<i>Geukensia demissa</i>)
2:45	Farina Biogeography of plant zonation in coastal wetlands on the Pacific coast of South America	Ellis, A. Whatdunnit? Fate-tracking a threatened Caribbean coral across the Florida Reef Tract	Tice-Lewis Estuarine-scale environmental gradients regulate abundance and diversity of oyster reef communities	Aronson* Climate change, novel predators, and community reorganization in Antarctica	Rosch Factors Affecting Ghost Crab (<i>Ocypode quadrata</i>) Populations and Burrow Characteristics Along the Grand Strand	Smith, N. Recruitment patterns of the estuarine crab, <i>Panopeus herbstii</i> , in Tampa Bay: proximate roles of light and gravity

FRIDAY AFTERNOON (3:30-5:00 PM)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Bertness	Reef Ecology	Community Ecology	Climate Change	Coastal Ecosystem Resilience	Recruitment and Larval Ecology
3:30	Gedan* Building on the Bertness legacy of community ecology for conservation and management of tidal marshes responding to climate change	Voss* Connectivity and Symbiotic Adaptation among Mesophotic Corals in the Northwest Gulf of Mexico	Bravo Short-term responses of arctic deep-sea benthic macrofauna to pulses of phytodetritus	Merolla Effects of water flow and ocean acidification on calcification for different morphologies of coralline algae	Kaldy Macrophyte community response to nitrogen loading and thermal stressors: water residence time ameliorates eutrophication symptom expression	Burge Spatial and temporal ecology of parasites of the beach-dwelling bivalve <i>Donax variabilis</i> in South Carolina
3:45	He Global Change Biogeography: Integrating biogeography into understanding ecological generalities in the Anthropocene	Zill Mesopredator release: Moray eels inconspicuously predominate heavily fished reefs	Theuerkauf An exotic species alters patterns of marine community development	Cobleigh Warming and acidification impact corallite morphology but backreef corals are less susceptible	Kaiser Effects and Interactions between Dissolved Nutrients, Environmental Variables, and Acidification in the Indian River Lagoon	Huchin-Mian Patterns in the natural transmission of the parasitic dinoflagellate <i>Hematodinium perezii</i> in the blue crab <i>Callinectes sapidus</i>
4:00	Pettengill Crab grazing fronts facilitate landscape scale top-down control of salt marsh communities	Dunn Complexity-induced demographic trade-offs for a Caribbean herbivore	Matassa* Predation risk affects intraspecific competition at intermediate and basal trophic levels	Yetsko Estimating heritability in thermal tolerance and identifying stress markers that correlate to survival at higher temperatures in <i>Acropora cervicornis</i>	Beroza Interactive effects of wood traits and intertidal exposure on shipworm infestation in southeastern US estuaries	Raabe Vertical distribution of meroplankton in a well-mixed estuary in Northeast Florida
4:15	Silliman Are the ghosts of nature's past haunting conservation today?	Scott Off the deep end: Patterns of sponge cover with depth through the mesophotic zone on Caribbean reefs	Lim-Fong Plasticity of the symbiosis between the marine bryozoan <i>Bugula neritina</i> and its defensive bacterial symbiont	Ellis, J.* Modeling coral species distributions along environmental gradients in the Red Sea	Cole, A. Multivariate analysis between water quality variables and benthic macrophytes reveals susceptibility to seagrass die-off	Wolcott* Tracking larval transport in upwelling using ABLEs (biomimetic "robot larvae.")
4:30	Cunningham The future of Ecology, the view from June 1978	Gilpin Growth, reproduction, senescence, and survivorship in Pederson's cleaner shrimp <i>Ancylomenes pedersoni</i>	Bourque Tracking benthic community succession in restored mangroves using community-wide metrics		Sharp Landscape-scale drivers of feral hog disturbance and mechanisms of resilience in southeastern US salt marshes	SEERS Board Meeting
4:45	Gedan Video montage	Olmo Multi-decadal growth histories of <i>Siderastrea siderea</i> and <i>Pseudodiploria strigosa</i> throughout the Bocas del Toro Archipelago, Panama	Steele Latitudinal differences in meiofaunal and algal distribution patterns on live and dead <i>Spartina alterniflora</i> stems	Butler* Believe me, climate change is a *#@% hoax: lessons from an immigrant lobster		

DAY-AT-A-GLANCE Saturday, 15 April 2017						
Hall of Fame						
7:30	Continental Breakfast					
	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
8:30	Conservation & Management	Biodiversity	Community Ecology	Behavior	Anthropogenic Impacts	Sustainable Fisheries
10:00	BREAK					
10:30	Conservation & Management	Biodiversity	Community Ecology	Behavior	Anthropogenic Impacts	Sustainable Fisheries
12:00	LUNCH					
1:30	Living Shorelines	Ecophysiology	Community Ecology	Macroecology	Anthropogenic Impacts	Life History
3:00	BREAK					
3:30	Paine	Ecophysiology	Community Ecology			
5:00						
	Ballroom DE					
6:00	BANQUET/BAND					
11:00						

SATURDAY MORNING (8:30-10:00 AM)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Conservation and Management	Biodiversity	Community Ecology	Behavior	Anthropogenic Impacts	Sustainable Fisheries
8:30	Deal An evaluation of relative extinction risk within the flatheads, flying gurnards, and scorpionfishes of Oceania	Dufour Mapping the habitats of potential Common eiders (<i>Somateria molissima</i>) preys in East Bay bird sanctuary, Nunavut	Hensel* Cross-ecosystem predators drive New England salt marsh community structure and ecosystem multifunctionality	Major Monogamy and sexual dimorphism in the shrimp <i>Periclemenes rathbunae</i> , living in symbiosis with the sun sea anemone <i>Stychodactyla helianthus</i>	Baxter Toxicity comparison of the shoreline cleaners Accell Clean and PES-51 in two life stages of the grass shrimp, <i>Palaemonetes pugio</i>	Kemberling Regional Migration Patterns of Mature Female Blue Crabs in the Gulf of Mexico
8:45	Peterson A regulatory perspective on seagrass monitoring: documenting impacts and determining mitigation success	Sihaloho Symbionts as taxonomic tools: Cryptic lineages of the colonial ascidian <i>Distaplia bermudensis</i> host unique microbial communities	Beck Role of the marine pulmonate snail <i>Melampus bidentatus</i> in Atlantic Canadian salt marshes	Steedman Mating system and reproductive performance in the isopod <i>Parabopyrella lata</i> , a parasitic castrator of the caridean shrimp <i>Lysmata boggessi</i>	Duff Land use and environmental variables influence abundance of antibiotic-resistant bacteria and potential for their delivery to the coast	McClellan Fishing and Flow: Modeling the Impact of Seasonal Closures and Freshwater Flow on the Blue Crab Fishery in the Ashley River, Charleston, SC
9:00	Olmi Migratory Movements and Fishing Mortality of the Louisiana Blue Crab Spawning Stock	Stefaniak Diversity and distribution of ascidians in Gray's Reef National Marine Sanctuary	Smith Engineering your competitor's expansion: context-dependent effects of saltmarsh wrack on mangrove establishment	Ledbetter Habitat structure and fish foraging: effects of eelgrass epibionts	Treible Exposure to elevated pCO ₂ does not alter reproductive suppression of <i>Aurelia aurita</i> jellyfish polyps in low oxygen environments	Corrick Spatial variation in fishing mortality of mature female blue crabs (<i>Callinectes sapidus</i>) in individual subestuaries of the Chesapeake Bay
9:15	Kough Social security and reduced immigration results in an unbalanced, aging population of Queen Conch	Clements Coral diversity enhances the growth, health, and resistance to macroalgal invasion of coral communities on degraded reefs	Ehlert What Factors Influence Den Sharing in Juvenile Spiny Lobsters?	Belgrad Personality interacts with habitat quality to govern individual mortality and migration patterns	Furtado Multiple stressor effects on benthic meiofauna – does the timing and order of stressor application matter?	Ogburn* Female blue crab sperm storage from mating to the second spawning season
9:30	Alves MPAs did not mitigate coral reef phase shifts in Belize caused by disease and warming	Carvalho* Exploring biodiversity patterns in soft-sediments of the highly saline, warm and oligotrophic Red Sea	Cutter A novel interaction: The thin stripe hermit crab, <i>C. vittatus</i> , kills the Florida Crown Conch, <i>M. corona</i> for its shell	Dorgan* Acoustics as a tool for studying infaunal impacts on sediments	Pinckney* Triclosan alterations of estuarine phytoplankton community structure	Duffing Does variability in water temperature and dissolved oxygen influence the movement patterns of two Caribbean fish?
9:45	Garza* Scale dependent drivers of MPA performance: A case study of the spiny lobster (<i>Panulirus interruptus</i>) on Santa Catalina Island	Ellis Experimental evidence that native grouper can indirectly ameliorate the negative effects of invasive lionfish	Mooers Barren gonads: a non-lethal method of assessing sea urchin condition in a temperate kelp forest system	Montie The estuarine soundscape of the May River, a deep tidal river in South Carolina	Savidge Using absorption spectroscopy to map the distribution of water column properties in estuarine waters	Powell Can we estimate molluscan abundance and biomass on the continental shelf?

SATURDAY MORNING (10:30 AM-12:00 NOON)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Conservation and Management	Biodiversity	Community Ecology	Behavior	Anthropogenic Impacts	Sustainable Fisheries
10:30	Thomas Scratching the SERFIS: surveying estuarine response to freshwater inflows in the Caloosahatchee	Carvalho Shining a light on pan-regional cryptic reef benthic biodiversity using Autonomous Reef Monitoring Structures	Petraitis Emergence and resilience of a new alternative state in the Gulf of Maine	Childress Den sharing and den fidelity in juvenile spiny lobsters	Davis Human development and coastal zone impacts on the behavior of the ghost crab, <i>Ocypode quadrata</i>	Berkebile The ecological importance of the Florida sea cucumber, <i>Holothuria floridana</i> , to seagrass and hard-bottom communities in the Florida Keys
10:45	Savage Oyster Pathogens as Bioindicators of Freshwater Inflow Needs for the Texas Coast	Reynolds* Plant genotype identity, diversity, and mesograzers species diversity interactively influence detrital consumption in eelgrass meadows	Commander Modeling the effects of varying disturbance frequency and magnitude on population persistence in predator-prey systems	Owings Effects of the biomedical bleeding process on the behavior and physiology of the American horseshoe crab, <i>Limulus polyphemus</i>	Evans Effects of Salinity on the Toxicity of Oil Dispersants in Eastern Mud Snails	Gnanalingam The Importance of Keeping the Big Ones: Clutch quality and Reproductive Senescence in Caribbean Spiny Lobster
11:00	Kimbro* Local and regional stressors interact to drive a salinization-induced outbreak of predators on Florida oyster reefs	Zerebecki Effects of <i>Spartina</i> genotypic diversity, nutrient availability and environmental stress on plant and community-level responses in a Florida marsh	Buhler Multiple anthropogenic stressors can disrupt a positive feedback loop in coral reefs	Clemo Functional morphology of Eunicidan (Polychaeta) jaws	Schroeder-Spain* Dazed & Confused: How pesticide mixtures affect adult and juvenile blue crabs	Hancock Stone crab respiration and ingestion with respect to temperature variation and sequential autotomization
11:15	White Water management, not overharvest, contributed to the 2012-2013 Apalachicola Bay oyster fishery collapse	Scheffel Biodiversity of wetland plants and resistance to disturbance: The Deepwater Horizon example	Brown* Interaction modification on coral reefs via changes in the physio-chemical environment and microbiome by a mucus net-producing gastropod	Behringer* Unravelling the effects of the cryptic pathogen Paramikrocytos canceri on the brown crab <i>Cancer pagurus</i> in the UK	Gochfeld Variability in Caribbean Sponge Communities Associated with Levels of Land-Based Sources of Anthropogenic Impacts	Timbs Spatial Distribution of Atlantic surfclams (<i>Spisula solidissima</i>) in the Middle Atlantic Bight and Georges Bank
11:30	Dix Impacts of hand harvesting on intertidal oyster (<i>Crassostrea virginica</i>) population structure and cultch density in Northeast Florida	Reustle Wave energy and flow reduce the abundance and size of benthic species on oyster reefs	Schenck The effects of seagrass wasting disease on <i>Zostera marina</i> morphology and growth	Porter Eastern oyster, <i>Crassostrea virginica</i> , valve gape behavior under diel-cycling hypoxia	Lunt Salinity or Sediment: Which problem defines the health of the St. Lucie Estuary?	Lively* Unintended catch: the rate and reason for discards in the Louisiana blue crab fishery
11:45		Trott Rarity and Functional Diversity in Rocky Shore Species Assemblages	Androuin Disentangling physical and biological effects of the invasive slipper limpet by the use of biological trait analysis	Levinton Can Plastic Die? Use of live and 3D printed models to study responses of fiddler crabs to heat stress	Montague 402 questions for the Federal Aviation Administration: Activities of the Environmental Issues Subcommittee of the Spaceport Camden Steering Committee	Steffel Predatory capacity of king crabs in Antarctica

SATURDAY AFTERNOON (1:30-3:00 PM)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Living Shorelines	Ecophysiology	Community Ecology	Macroecology	Anthropogenic Impacts	Life History
1:30	Cypihot Biological characterization of coastal benthic communities in Churchill, Manitoba	Gavin Carbon limitation and photorespiration regulate primary production to a greater degree in <i>Halophila johnsonii</i> than <i>Thalassia testudinum</i>	LaCroce Seasonal recruitment of epibenthic organisms on the hard bottom at Five Mile Ledge in Onslow Bay, North Carolina	Thublin Examining a Temporal Shift in Regeneration Frequency and Average Arm Length for the Forbes Sea Star <i>Asterias forbesi</i> in Wassaw Inlet, GA, USA	Sorini Negative impacts of plastic exposure and microplastic ingestion on juvenile eastern oysters (<i>Crassostrea virginica</i>)	Gaitan Characterization of early life history and sexual system of the yasha goby <i>Stonogobiops yasha</i>
1:45	Firth Artificial coastal defences: enhancing biodiversity using sensitive design	Rippe Characterizing skeletal growth trends for two massive reef-building corals throughout the Florida Keys Reef Tract	Hill, K. Spatial variation and the invasibility of mesofaunal communities associated with the sponge <i>Tedania ignis</i>	Ramus The <i>Nucella</i> mafia is back: linking environmental drivers of intracladal demographic variation across North America	Covernton Microplastic ingestion by <i>Venerupis philippinarum</i> and <i>Crassostrea gigas</i> on intertidal shellfish farms and 'wild' beaches in British Columbia, Canada	Roy Orange is the New Dead: Parasitization Alters Predation Rates in Salt Marsh Amphipods
2:00	Walles A tool to maximize shoreline protection by shellfish reefs	Siegel Examining the interactive effects of salinity and ocean acidification on the physiology of the barnacle <i>Amphibalanus amphitrite</i>	Knotts The role of carbonic anhydrase on regulating phytoplankton community structure in North Inlet, SC	Shakeri A bad break-up? Linkages between marsh fragmentation, prey availability, and blue crab (<i>Callinectes sapidus</i>) abundance, growth, and mortality	Reigel Examining coral-associated microbial assemblages of the gorgonian <i>Eunicea flexuosa</i> on Caribbean reefs experiencing varied anthropogenic disturbances	Jarvis Inherit resilience in seagrass: Quantifying genetic and kin structure variation between life history strategies
2:15	Mattei* Can living shorelines work well in high wave intensity estuaries?	Kuhn Long-term effects of temperature on growth in blue crabs (<i>Callinectes sapidus</i>) and lesser blue crabs (<i>Callinectes similis</i>)	Huff* Factors Influencing the Distribution and Abundance of <i>Sphaeroma terebrans</i> in Florida Red Mangroves	Blackwell Using sediment profile imagery (SPI) to quantify relationships between water quality and benthic habitat condition	Shayka Short-term effects of a nutrient pulse on crustose coralline algae under ocean acidification	Judge* "I will out-live all of you": Longevity and persistence of individual knobby periwinkles (<i>Cenchritis muricatus</i>)
2:30	Smith Evaluating the performance of hardened versus living shorelines during Hurricane Matthew	Matzelle Effects of intertidal exposure on ingestion rate and energy assimilation of the intertidal bivalve <i>Mytilus edulis</i>	Trevey The spotfin killifish <i>Fundulus luciae</i> (Baird, 1855) in salt marshes of coastal South Carolina: population characteristics and parasite fauna	Johnson Fiddle me this: Why do fiddler crabs follow Bergmann's rule?	Stubler* With or without nutrients, sponges are boring: the effects of eutrophication on bioerosion	
2:45		Torossian* Matters of the mud: intra- and inter-population variation in thermal microhabitats impact blue mussel survival in the Gulf of Maine	Clark Could the viability of <i>Panulirus argus</i> Virus 1 in seawater explain its Caribbean distribution?	Proffitt* A regional comparison of Florida Gulf Coast intertidal oyster reef characteristics, oyster size-frequencies and abundances, and associated assemblages	Price Septic tank nutrient groundwater monitoring at waterfront residences on Florida's east coast	

SATURDAY AFTERNOON (3:30-5:00 PM)

	Ballroom AB	Ballroom C	Rm. 102-103	Rm. 106-107	Rm. 202-204	Rm. 206-208
	Paine	Ecophysiology	Community Ecology			
3:30	Sebens Disturbance, Predation and Community Assembly – Paine-less Ecology?	Sebilian Temperature and salinity effects on <i>Stuckenia</i> <i>pectinata</i> traits and susceptibility to grazing	Gosnell* How long do oysters stay scared? Non-consumptive effects of predators on oysters depend on exposure regime and predator identity			
3:45	Hay RT Paine, Tipping Points and the Positive and Negative Aspects of Resilience	Nardone Effects of ocean acidification on juvenile golden king crabs <i>Lithodes</i> <i>aequispinus</i>	Carroll Not a fun threesome: the prevalence, impact and interaction of boring sponges and pea crabs on oysters			
4:00	Aronson Bob Paine's Contribution to Paleobiology	Pales Espinosa Modeling food choice in the two suspension-feeding bivalves, <i>Crassostrea</i> <i>virginica</i> and <i>Mytilus edulis</i>	Hesterberg 3D printing for benthic ecologists: Applications, implications, and limitations in the marine realm			
4:15	Johnson* Trophic Cascades in Kelp- Urchin Dynamics: Not Everywhere and Not Always	Benes* Context-Dependency of Phenotypic Differentiation Along the Intertidal Gradient	Grogan Using iNaturalist.org as a tool for collaborative research and publishing open access field guides			
4:30	Carrington It's the economy, stupid! Putting a price on increased mussel mortality in changing oceans		Long Seasonal and spatial structure of hardbottom benthic communities			
4:45	Silliman Climate Change and Food Webs		Dickens Submerged aquatic vegetation habitat use in the Northwest Fork of the Loxahatchee River, Florida			
5:00	Bertness Meeting Bob					