

Posters for BEM 2011

****We ask all poster presenters to please be present for Thursday and Friday poster sessions****

STUDENT?	NAME	SURNAME	TITLE	SESSION
Yes	Rachel	Welicky	Lunar periodicity in activity of Caribbean gnathiid isopods	Benthic Ecology
No	Joshua	Anderson	Ontogenetic shifts in allocation to defensive structures in the Caribbean spiny lobster, <i>Panulirus argus</i>	Benthic Ecology
Yes	Sara	Edquist	Now and then: shell quality in two populations of the marine hermit crab, <i>Pagurus longicarpus</i>	Benthic Ecology
Yes	Carmen	Gonzales	Abundance and size frequency of the sea urchin <i>Diadema antillarum</i> in 10 sites of Puerto Rico	Benthic Ecology
Yes	Andrew	Bernard	Interannual growth rate variation in the soft-shell clam, <i>Mya arenaria</i> , and its relationship to temperature differences at Maquoit Bay, Maine	Bivalve Ecology
Yes	Nicholas	Burnett	Biomimetic Desiccation Loggers for Intertidal Mollusks	Bivalve Ecology
Yes	Kristen	Jabanoski	The Effects of Flow Speed on Filtration by the Crested Oyster, <i>Ostrea equestris</i>	Bivalve Ecology
Yes	Jessica	Lunt	Effects of Abiotic Conditions on Oyster Reef Communities	Bivalve Ecology
No	Mortazavi	Behzad	Nitrification and denitrification potential along a vegetation gradient in a saltmarsh ecosystem	Chemical Ecology
No	Raphael	Ritson-Williams	Effects of natural products from benthic cyanobacteria on coral larvae	Chemical Ecology
Yes	Rebecca	Bernard	Benthic Nutrient Fluxes in Little Lagoon Alabama	Chemical Ecology
Yes	Ashley	Riggs	The Contribution of Benthic Nitrogen Fluxes to Primary Production in Weeks Bay, Alabama	Chemical Ecology
No	James	McClintock	The Mg-Calcite composition of Antarctic echinoderms: important implications for predicting the impacts of ocean acidification	Disturbance Ecology
Yes	Emily	Maung	Predicting the effects of methoprene application on horseshoe crab populations in Delaware	Disturbance Ecology
Yes	Nicole	Williams	Responses of Mosquitofish (<i>Gambusia holbrooki</i>) to Polycyclic Aromatic Hydrocarbons in Parking Lot Runoff Ponds	Disturbance Ecology
Yes	Geraldine	Ortega	Relationship between water quality and densities of the sea urchin <i>Diadema antillarum</i>	Disturbance Ecology
No	Carlos	Gomez	Octocoral Calcification in a High CO ₂ World	Disturbance Ecology
Yes	Rachel	Gittman	Evaluating the Impacts of Marsh Sills on Coastal Fish Habitats	Disturbance Ecology
No	Tania	Eskin	The effects of ship noise on the stress responses of the Atlantic cod	Disturbance Ecology
Yes	Melissa	Rohal	How much of the regional-scale variability of deep-sea meiofaunal abundances can be explained by environmental variability?	Macroecology
Yes	Cortney	Armstrong	Nematode Abundance in Deep-Sea Meiofauna Sampled from the Eastern Pacific	Macroecology
Yes	Morgan	Bublitz	Does the relative proportion of Desmoscolecida (Nematoda) within deep-sea Nematoda vary over the 100-km scale?	Macroecology
No	Kimberly	Jackson	The colonization and age structure of red mangrove (<i>Rhizophora mangle</i>) trees on the southeast Gulf coast of Texas	Macroecology
Yes	Natalia	Blackburn	Seed burial in the seagrass <i>Zostera marina</i> : the role of infauna	Macroecology
Yes	Joseph	Szcebak	Patterns of oxygen consumption in the Red Sea anemonefish symbiosis	Physiology and Molecular Ecology
No	Erin	Easton	18S ribosomal DNA diversity of deep-sea harpacticoid copepods from the northeast Pacific	Physiology and Molecular Ecology
Yes	Emily	Darrow	A comparison of harpacticoid copepod mitochondrial gene arrangements and conserved regions for primer design	Physiology and Molecular Ecology
Yes	Courtney	Chupka	Physiological Impact of Disease on the Purple Sea Fan, <i>Gorgonia ventalina</i> , from Bermuda	Physiology and Molecular Ecology
Yes	Anna	Gurley	The influence of salinity variation on juvenile blue crab growth and survival.	Physiology and Molecular Ecology
No	Sang Rul	Park	In situ measurements of gas exchange in three common salt marsh plants in the western Gulf of Mexico species	Physiology and Molecular Ecology
Yes	Kelsie	Kronmiller	Biomarkers of Oxygen and Combined Oxygen and Temperature Stress Stress in Oysters	Physiology and Molecular Ecology
No	Eric	Holm	Flow-generated forces on hull fouling organisms, and relationship to hydrodynamic self-cleaning of fouling-release hull coatings	Physiology and Molecular Ecology
Yes	Venis	Graham	Cammarata Assay of the mer operon as an indicator of bioavailable mercury in marine environments	Physiology and Molecular Ecology
Yes	Jose	Phil	Population Structure of Eastern Oyster, <i>Crassostrea virginica</i> , in the Western Gulf of Mexico using the Mitochondrial Gene ND4	Physiology and Molecular Ecology
Yes	Palmer	Grayce	Microsatellite Variation in the Eastern Oyster (<i>Crassostrea virginica</i>)	Physiology and Molecular Ecology
No	Kylie	Smith	The influence of salinity variation on blue crab settlement in the ACE Basin.	Recruitment and Larval Ecology
No	Kathleen	Reinsel	Seasonal change in planktonic availability of three species of fiddler crab megalopae in the Newport River Estuary, Beaufort, NC	Recruitment and Larval Ecology
No	Bob	Thacker	Stability of symbiotic microbial community structure during development and metamorphosis of the Caribbean fire sponge, <i>Tedania ignis</i>	Recruitment and Larval Ecology
No	Linda	Walters	Juvenile Coral-Algal-Diadema Interactions in the U.S. Virgin Islands	Recruitment and Larval Ecology
No	Henrike	Andresen	Brown shrimp (<i>Crangon crangon</i> , L.) functional response to density of different sized juvenile bivalves <i>Macoma balthica</i> (L.)	Recruitment and Larval Ecology

Yes	Melinda	Donnelly	Effect of mosquito impoundment restoration on native plant and fiddler crab communities in Indian River Lagoon, FL	Restoration Ecology
No	Adam	Webb	Benthic community assessment prior to sediment contaminant restoration in the Southern Branch of the Elizabeth River, Chesapeake Bay	Restoration Ecology
No	Christopher	Bird	Grass Roots Collaborative Restoration of Hawaiian Intertidal Shores	Restoration Ecology
Yes	Alex	Mercado- Molina	Low-tech methods to restore populations of the threatened staghorn coral <i>Acropora cervicornis</i>	Restoration Ecology
Yes	Bradley	Furman	Temporal effects of inlet modification and protective signage on the fractal geometry of a seagrass meadow: a 3-yr study of Sebastian Inlet, FL.	Restoration Ecology
Yes	Isabelle	Stinnette	Dine out, dung in: impacts of habitat modification on biodiversity and abundance of infaunal communities by reef resident fish.	Foodwebs
No	William	Boudreau	Adaptive foraging in <i>Nucella lapillus</i> : the influence of predation risk and thermal stress	Foodwebs
Yes	Marissa	Dueker	Do Visual Cues Determine Bucktooth Parrotfish (<i>Sparisoma radians</i>) Feeding Patterns?	Foodwebs
Yes	Jessie	Conover	Decomposition characteristics of bloom-forming macroalgae in a eutrophic estuary	Foodwebs
No	Edmund	Antell	Food web analysis and growth rates of two commercially important baitworms (<i>Glycera dibranchiata</i> and <i>Nereis virens</i>)	Foodwebs
Yes	Hannah	Clark	Seasonal patterns of meiofaunal vertical zonation on a sandflat heavily foraged by fiddler crabs: meiofauna don't migrate down to avoid predation.	Foodwebs
Yes	Nicole	Soomdat	Non-consumptive predator effects lead to suppression, not facilitation, of the basal species in a tri-trophic cascade	Foodwebs
No	Michael S	Simpson	Interactions of two sympatric mud crabs (<i>Panopeus simpsoni</i> and <i>Eurypanopeus depressus</i>) and its consequence for juvenile oyster survival	Foodwebs
Yes	Kelly	Darnell	Evidence for turtlegrass (<i>Thalassia testudinum</i>) seed predation by the blue crab (<i>Callinectes sapidus</i>)	Foodwebs
Yes	Ann Marie	Coile	Variation in Susceptibility of Caribbean Reef Fish to Parasitism by Gnathiid Isopods	Foodwebs
Yes	Taylor	Kauffman	Trophic Cascade in Experimental Seagrass Habitat	Foodwebs
No	Colt	Cook	Sucking the life out: What are the dynamics between parasites and estuarine fishes?	Foodwebs
Yes	Brittany	Blomberg	Secondary productivity hotspots in the Gulf of Mexico	Foodwebs
No	Lauren	Stroud	Predation on Red Mangrove Propagules in Mosquito Lagoon, Florida	Foodwebs
No	Jenn	Dijkstra	Ontogenetic Shifts in Feeding Behavior Mediate Mercury Concentrations in Estuarine Fish	Behavior
Yes	Elizabeth	McLean	Sponge overgrowth: the paradigm for the Lianas	Behavior
Yes	Meghan	Buckley	Timing of larval release in the green porcelain crab <i>Petrolisthes armatus</i>	Behavior
Yes	Halle	Minshall	An analysis of behavior and signaling in the stomatopod <i>Squilla empusa</i>	Behavior
Yes	Danielle	Abbey	Top-predator impacts on the movement of a keystone marsh predator	Behavior
Yes	Katherine	Heldt	The role of individual and status recognition on den sharing behavior in juvenile Caribbean spiny lobsters.	Behavior
Yes	Danielle	Burgos	Top-predator impacts on the movement of a keystone marsh predator	Behavior
Yes	Lindsay	Huebner	Factors affecting specificity in marine mutualisms: host preferences of the anemonefish <i>Amphiprion bicinctus</i>	Biodiversity
No	Thomas	Dix	Epifaunal community structure of three Tampa Bay artificial reefs.	Biodiversity
No	Julie	Olson	Stability of sponge-associated bacterial communities across a depth gradient	Biodiversity
No	Brittany	White	Assessment of nearshore distribution and abundance of echinoderms along the western Antarctic Peninsula	Biodiversity
Yes	James	Reinhardt	Connectivity affects Patterns of Species Richness in a Benthic Marine Metacommunity	Biodiversity
No	Jessica	Miller	Using Photomosaic Pictures to Study the Fish Community at Lucky Strike Hydrothermal Vent	Biodiversity
No	Brendan	Biggs	Assessing change in sponge community composition after a disturbance: A case study of the Florida Keys 2010 cold shock	Biodiversity
Yes	Jennifer	Schellinger	Evolution of form in Zoanthidea	Biodiversity
Yes	Laura Natalia	Romero Rodriguez	Molecular Phylogenetics and morphological variation of the amphiamerican gorgonian genus <i>Muricea</i>	Biodiversity
Yes	Lauren	Johnson	PCR-RFLP surveys of hybridization between <i>Asterias forbesi</i> and <i>A. rubens</i>	Biodiversity
Yes	Christine	Ewers	First studies on phylogeny and biogeography of the Atlantic and East-Pacific species of the box crab genera <i>Calappa</i> Weber, 1759 and <i>Calappula</i> Gal	Biodiversity
Yes	Natalie	Low	Loss of rare basal species has disproportionate impacts on associated invertebrates	Biodiversity
Yes	Ryan	Coker	Are regional-scale deep-sea macrofaunal abundances correlated with environmental variability?	Biodiversity
Yes	Veronica	Cruz	Exploring the vertical distribution of deep-sea taxa along the northeast Pacific	Biodiversity
Yes	Carinne	Rigolet	Diversity and species assemblages associated with Haploops habitats	Biodiversity
Yes	Lauren	Gillies	Abundance of deep-sea harpacticoid copepods	Biodiversity
Yes	Sandra	Schleier	Does <i>Diadema antillarum</i> enhance Biodiversity in the coral reefs they inhabit?	Biodiversity
Yes	Verity	Nye	The world's deepest known vent shrimp: a new species of Alvinocarididae from hydrothermal vents on the Mid-Cayman Spreading Centre	Biodiversity
Yes	Kerwin	Allison	Variation in coral-associated bacteria and archaea in the presence and absence of <i>Symbiodinium</i>	Biodiversity
Yes	Daniel	Whonsetler	Speciation of the hydrothermal vent gastropod <i>Alviniconcha</i> in the Manus Basin	Climate Change
Yes	Marissa	Maliwanag	Relationship between environmental conditions and growth rates of the soft-shelled clam (<i>Mya arenaria</i>) in the Gulf of Maine over the past 4200 yr	Climate Change

Yes	Michelle C.	Brodeur	Cumulative response of eelgrass meadows to warming, nutrient enrichment, and a trophic cascade	Climate Change
No	Jane	Conrad	Red mangrove, <i>Rhizophora mangle</i> , response to sea level rise and changes in salinity	Ecosystem Functioning
No	Michael	Carroll	Pan-Svalbard growth rate variability and environmental regulation in the Arctic bivalve <i>Serripes groenlandicus</i>	Ecosystem Functioning
Yes	Roberto	Colon	Coral and algae cover with respect to abundances of the sea urchin <i>Diadema antillarum</i> in Puerto Rico.	Ecosystem Functioning
No	LaTina	Steele	Seasonally varying habitat linkages in a northern Gulf of Mexico estuary	Ecosystem Functioning
No	Dana	Sjostrom	Quantifying the Carbon Demand of Epibenthic Fauna of the Chukchi Sea	Ecosystem Functioning
Yes	Anthony J.	Suleski	Submerged aquatic vegetation assemblages and how they differ based on relative disturbance in St John's, USVI.	Ecosystem Functioning
Yes	Angela	Mulligan	Establishing prey preferences of the American alligator (<i>Alligator mississippiensis</i>) using stomach content analysis	Ecosystem Functioning
Yes	John	Artim	Substrate choice by fish parasitic gnathiid isopods: implications for the effects of coral decline on host-parasite dynamics.	Ecosystem Functioning
No	Nicholas	Silverson	Growth patterns of the circumpolar green sea urchin, <i>Strongylocentrotus droebachiensis</i> , in a high-arctic fjord in northeastern Svalbard, as a proxy	Ecosystem Functioning
No	Sofia	Burgos	Does an increase in nitrogen and phosphorus concentration causes a shift in the metabolism of benthic biofilms	Ecosystem Functioning
No	Paul	Richardson	Algae based bioremediation of the Chesapeake Bay and a possible feedstock for biofuel	Ecosystem Functioning
Yes	Scott	Toews	Linking habitat heterogeneity to genetic partitioning in the rocky subtidal using black surfperch (<i>Embiotoca jacksoni</i>)	Fisheries
Yes	Anthony	Marshak	Investigating the effects of seasonality and regional warming on the juvenile offshore reef fish community of the northern Gulf of Mexico.	Fisheries
No	Geremea	Fioravanti	Lessons learned: steps for the integration of global studies, discovery learning, and fisheries research for undergraduates	Fisheries
Yes	Crystal	Hightower	Age Distribution and Abundance Estimates of Adult Red Drum <i>Sciaenops ocellatus</i> in Offshore Waters of the North Central Gulf of Mexico	Fisheries
Yes	Nathan	Ramsey	Analysis of the relationship between the frequency and method of natural mortality estimates in flatfishes	Fisheries
No	Angelo	Spadaro	Allometric growth and size at first maturity of the Caribbean king crab, <i>Mithrax spinosissimus</i> , in the Florida Keys	Fisheries
Yes	Jennifer	Micklewright	The influence of salinity variation on <i>Hematodinium</i> sp. infection of blue crabs in the ACE Basin.	Fisheries
Yes	Zachary	Olsen	Understanding the trophic role of Gulf Menhaden (<i>Brevoortia patronus</i>) using carbon and nitrogen stable isotopes: A presentation of preliminary re	Fisheries
No	Robert	Crimian	Stomach Content and Fullness Comparison between Murrells Inlet and North Inlet <i>Sciaenops ocellatus</i> (red drum) and <i>Lagodon rhomboides</i> (pinfish)	Introduced species
Yes	Joshua	Solomon	Preventing introduction: Outlining safe methods for killing aquarium <i>Chaetomoprha</i> prior to disposal.	Introduced species
Yes	Wei	Yuan	Friends or foes? Ecological interactions between eastern oysters (<i>Crassostrea virginica</i>) and <i>Megabalanus coccopoma</i>	Introduced species
Yes	Sean	Marden	Exploring interactions between Asian shore crabs (<i>Hemigrapsus sanguineus</i>) and Juvenile Lobsters (<i>Homarus americanus</i>)	Introduced species
Yes	Correna	Blewett	Effect of tidal height on predation of the Asian shore crab <i>Hemigrapsus sanguineus</i> on Prudence Island, Rhode Island	Introduced species
Yes	Rachel	Odom	Mitigating Invasions by Marine Macroalgae: Eradication methods for introduced aquarium strains of <i>Chaetomorpha</i>	Introduced species
No	Robert	Whitlatch	Interactions of climate change, coastal land-use and invasive species on southern New England shallow water habitats: use of a large-scale mesocos	Introduced species
Yes	Ursula	Garfield	Analyses of Kissimmee River Sediment and Soils and the Effect of Burrowing Catfish (<i>Pterygoplichthys</i> sp.)	Introduced species
Yes	Michael	Bell	It's an invasion! The competitive relationship between two submerged macrophytes, <i>Myriophyllum spicatum</i> and <i>Ruppia maritima</i> .	SS - Oil
No	Chien-Yi	Hsiang	Comparison of Deep-Sea Methods	SS - Oil
No	Patrick	Biber	Using PAM to detect oil stress in <i>Spartina alterniflora</i>	SS - Oil
No	Charles	Martin	Changes in Coastal Fish Communities Following Deepwater Horizon Oil Spill	SS - Oil
Yes	Rachel	Brewton	Estuarine fish health and growth as an indicator of ecosystem level effects of the Deepwater Horizon oil spill: preliminary data	SS - Oil
No	Agota	Horel	Characterization of Hydrocarbon Degraders from Coastal Alabama Marsh Sediments	SS - Oyster
No	Loren	Coen	Shoreline Enhancement of Clam Bayou in Southwest Florida: Combining Oyster reefs, Mangroves, and Seagrass Restoration	SS - Oyster
No	Maria	Vozzo	Oyster recruitment in response to abiotic and biotic substrate variation in Pamlico Sound, NC	SS - Oyster
Yes	Brenda	Walles	The use of an ecosystem engineer in coastal defense	SS - Acoustics and Telemetry
No	Frank	Parauka	Coastal movement of Gulf sturgeon throughout northwest Florida	SS - Acoustics and Telemetry
Yes	Allen	Aven	Detection of belted manatees using passive acoustic monitors	SS - Acoustics and Telemetry