

SUNDAY March 30, 2014			
7:00 AM		STUDENT BREAKFAST (STUDENTS ONLY)- City Terrace 12	
8:00-8:55 AM		Plenary: <i>Theory and practice in studies of the physiology of bivalves</i> Brian L. Bayne	
ROOM	City Terrace 9	City Terrace 7	City Terrace 4
SESSION TITLE	FILTER FEEDING Dane Frank & Evan Ward	LIVING SHORELINES Kay McGraw & Loren Coen	CRUSTACEANS Eric Schott & Brad Stevens
9:00 AM	OUR UNDERSTANDING OF MOLLUSCAN FEEDING THROUGH THE MILLENNIA: ARE WE THERE YET? Shumway	LIVING SHORELINES—IT’S NOT YOUR COASTAL ENGINEER’S OLD “ARMORING” APPROACH: MODIFICATIONS ON A FORMERLY LESS-GREEN TOOL WITH AN INTRODUCTION TO THE SESSION McGraw and Coen	ELEVATED CO ₂ LEADS TO ALTERED MICROMECHANICAL PROPERTIES OF THE MINERALIZED CUTICLE IN JUVENILE BLUE AND RED KING CRABS Dickinson, Coffey, Matoke, Long, Swiney, Foy ACIDIFICATION IMPACTS CARAPACE HARDENING TIMES OF MOLTING JUVENILE BLUE CRAB <i>CALLINECTES SAPIDUS</i> Lane*, Paynter, Miller
9:15 AM			
9:30 AM		LOCAL GOVERNMENT SOLUTIONS FOR ENCOURAGING LIVING SHORELINES Pace	DEEP-SEA RED CRABS <i>CHACEON QUINQUEDENS</i> IN THE MID-ATLANTIC BIGHT: DEPTH STRATIFICATION AND REPRODUCTIVE BIOLOGY Stevens
9:45 AM	TRACING PHYTOPLANKTON GRAZED BY MUSSELS USING MOLECULAR METHODS TO IDENTIFY PREY Strohmeier, Strand, Troedsson, Rosland	LIVING SHORELINES FROM A TO D IN THE FLORIDA PANHANDLE Schang, Ray-Culp, Fugate	CATCH-SURVEY ANALYSIS OF GULF OF MEXICO BLUE CRAB Cooper, West, Sutton, Leaf*, Reidel
10:00 AM	EXAMINING SEASONAL SHIFTS IN RETENTION EFFICIENCY AND MUCOSAL COMPOSITION IN THE BLUE MUSSEL <i>MYTILUS EDULIS</i> Rosa*, Ward, Shumway, Wikfors, Pales Espinosa, Allam	COST ESTIMATES FOR SHORELINE EROSION PRODUCTS IN THE NORTHERN GULF OF MEXICO: ARE LIVING SHORELINES THE CHEAPEST ALTERNATIVE? Boyd	ASSESSING THE POTENTIAL OF SPATIAL MANAGEMENT STRATEGIES FOR PROTECTING MIGRATORY MATURE FEMALE BLUE CRABS, <i>CALLINECTES SAPIDUS</i> Johnson and Aguilar
10:15 AM	FOOD QUALITY AND SEASON AFFECT THE EXPRESSION OF THE MUCOSAL LECTIN MEML AND FOOD SORTING ABILITIES IN THE BLUE MUSSEL <i>MYTILUS EDULIS</i> Pales Espinosa and Allam	SPATIAL AND TEMPORAL VARIATION IN DEVELOPMENT OF LIVING SHORELINE OYSTER REEFS IN COASTAL LOUISIANA La Peyre and Schwarting	EVALUATING THE ROLES OF PREDATION, HABITAT, DISEASE, AND ENVIRONMENTAL EFFECTS ON THE DECLINE OF SOFTSHELL CLAMS IN UPPER CHESAPEAKE BAY Ogburn, Goodison, Roberts, Seitz, Hines
10:30 – 11:00	MORNING BREAK		

SUNDAY March 30, 2014			
ROOM	City Terrace 9	City Terrace 7	City Terrace 4
SESSION TITLE	FILTER FEEDING Dane Frank & Evan Ward	LIVING SHORELINES Kay McGraw & Loren Coen	CRUSTACEANS Eric Schott & Brad Stevens
11:00 AM	INFLUENCE OF BODY SIZE, PHYTOPLANKTON TYPE AND CONCENTRATION, AND TEMPERATURE ON SUSPENSION-FEEDING PROCESSES OF THE ATLANTIC SLIPPER LIMPET, <i>CREPIDULA FORNICATA</i> L. Ward, Holohan, Shumway, Wikfors, Padilla	BUILDING OYSTER REEFS AND LIVING SHORELINES IN COASTAL ALABAMA Brown and Haner	THE USE OF NUCLEIC ACID RATIOS TO ASSESS CONDITION IN JUVENILE BLUE CRABS <i>CALLINECTES SAPIDUS</i> Zaveta* and Miller
11:15 AM		INVESTIGATING THE IMPACT OF <i>PHRAGMITES AUSTRALIS</i> ON BLUE CRAB AND ESTUARINE FISH POPULATION ABUNDANCE, SEX RATIO, MOLTING FREQUENCY, AGE CLASS, AND SIZE IN BLACKBIRD CREEK, DELAWARE Roeske*, Jivoff, Scarborough, Messinger, Ozbay	STATUS OF BLUE CRAB POPULATIONS IN THE NORTHERN GULF OF MEXICO Perry and Anderson
11:30 AM	COMPARISON OF FEEDING MECHANISMS IN TWO SPECIES OF FILIBRANCHIATE BIVALVE MOLLUSC Frank, Ward, Shumway, Holohan	REVIEW OF LIVING SHORELINE PROJECT METHODOLOGIES, MONITORING, AND LESSONS LEARNED FROM SOUTHEASTERN NORTH CAROLINA Wilgis and Skrabal	FINE-SCALE HABITAT AND GEOGRAPHIC BARRIERS DETECTED USING NEXT GENERATION RAD SEQUENCING IN BLUE CRAB POPULATIONS Mungia, Rittschof*, Bilgin, Darnell, Cuellar-Gempeler, Schultz
11:45 AM	FROM SHELLFISH FEEDING TO CARRYING CAPACITY MODELLING Saurel and Ferreira	LIVING SHORELINES IMPACT BIOMASS OF NEAR-SHORE BENTHIC COMMUNITIES IN UPPER AND LOWER CHESAPEAKE BAY Seitz, Knick, Davenport, Jackson	ECOLOGICAL AND GENETIC INVESTIGATIONS OF <i>HEMATODINUM PEREZI</i> , A PARASITE OF BLUE CRABS Lycett* and Pitula
12:00 NOON	HOW CAN ECOLOGICAL STOICHIOMETRY HELP? Bayne	POTENTIAL FOR LIVING SHORELINES TO AUGMENT BIOGENIC HABITAT IN SOFT-BOTTOM ESTUARIES Bilkovic and Mitchell	PREVALENCE OF <i>CALLINECTES SAPIDUS</i> REO-LIKE VIRUS (RLV) IN THE CHESAPEAKE BAY Flowers*, Aguilar, Schott
12:15 PM	OVERVIEW Bayne	EXPANDING LIVING SHORELINES IN THE ACE BASIN NERR USING A VARIETY OF OYSTER REEF HABITAT RESTORATION AND ENHANCEMENT TECHNIQUES Kingsley-Smith, Stone, Luciano, Keppler, Leffler	
12:30 – 1:30PM	LUNCH BREAK (on your own)		

SUNDAY March 30, 2014				
ROOM	City Terrace 9	City Terrace 7	City Terrace 4	
SESSION TITLE	PHYSIOLOGY Lewis Deaton & Ken Paynter	LIVING SHORELINES Kay McGraw & Loren Coen	OUTREACH COMMUNICATIONS WORKSHOP Dorothy Zimmerman	
1:30 PM	SEGON FORMS A MULTIPLE PROTEIN COMPLEX WITH OTHER OYSTER PLASMA PROTEINS AND LIKELY PLAYS A ROLE IN METAL METABOLISM Xue and La Peyre	LIVING SHORELINES PROJECTS AS OUTDOOR CLASSROOMS: EXAMPLES FROM SOUTHEAST FLORIDA Encomio, Van Os, Lucas, DeBlois		
1:45 PM	FUNCTIONAL ACTIVITY OF ABC TRANSPORTERS PROTEINS IN HEMOCYTES OF OYSTERS (<i>CRASSOSTREA GIGAS</i> AND <i>C. GASAR</i>) AND THE IMPACT OF THE TOXIC DINOFLAGELLATE <i>ALEXANDRIUM MINUTUM</i> ON HEMOCYTE FUNCTION da Silva, Queiroga, Lima, Hegaret, Soudant, Marques-Santos	SHELLFISH REEF MANAGEMENT: HOW TO COUPLE CONSERVATION, COASTAL PROTECTION, AND EXPLOITATION? Smaal, Walles, Ysebaert		
2:00 PM	TRANSLOCATION OF MICROPLASTICS IN THE CIRCULATORY SYSTEM OF THE OYSTER <i>CRASSOSTREA VIRGINICA GIGAS</i> : EVIDENCE AND UNCERTAINTIES Lambert, Sussarellu, Fabioux, Le Goïc, Minguant, Huvet, Robbens, Soudant	Summary McGraw and Coen		
2:15 PM	SINGLE AND COMBINED EFFECTS OF MICROPLASTICS AND FLUORANTHENE ON MUSSELS <i>MYTILUS</i> SPP. Paul-Pont, González Fernández, Lacroix, Lambert, Le Goïc, Huvet, Sussarellu, Fabioux, Soudant, Hégaret	REEF ASSESSMENT/RESTORATION (Loren Coen)		
2:30 PM	MICROPLASTICS: LONG-TERM EXPOSURE AFFECTS OYSTER REPRODUCTION Sussarellu, Suquet, Soudant, Lambert, Fabioux, Corporeau, Laot, Le Goïc, Quillien, Mingant, Petton, Robbens, Huvet	SUCCESSFUL RESTORATION OF EASTERN OYSTER METAPOPULATIONS IN CHESAPEAKE BAY Lipcius		
2:45 PM	TOLERANCE OF THE INVASIVE APPLE SNAIL <i>POMACEA MACULATA</i> TO LOW TEMPERATURES Deaton, Leblanc, Carter, Marino	RECOVERY OF NATIVE OYSTER POPULATIONS IN A NORTHERN ATLANTIC ESTUARY Konisky, Grizzle, Ward, McKeton		
3:00 – 3:30 PM		REVIEW OF INTERTIDAL AND SHALLOW SUBTIDAL OYSTER HABITAT CREATION AND ENHANCEMENT PROJECTS' METHODOLOGIES, MONITORING AND LESSONS LEARNED FROM SOUTHEASTERN NORTH CAROLINA Wilgis		
AFTERNOON BREAK				

SUNDAY March 30, 2014			
ROOM	City Terrace 9	City Terrace 7	
SESSION TITLE	PHYSIOLOGY Lewis Deaton & Ken Paynter	REEF ASSESSMENT/RESTORATION Loren Coen	
3:30 PM	TEMPERATURE-DEPENDENT INGESTION RATES EXHIBITED BY ADULT GEODUCKS <i>PANOPAEA GLOBOSA</i> UNDER LABORATORY CONDITIONS Garcia-Esquivel, Gonzalez-Gomez, Valenzuela-Espinoza	EVALUATION OF BIOLOGICAL AND PHYSICAL PARAMETERS OF NATURAL AND RESTORED OYSTER REEFS IN GEORGIA Ward, Ogburn, Hoskins, Ransom	
3:45 PM	CHARACTERIZATION OF AN ALTERNATIVE OXIDASE GENE IN THE EASTERN OYSTER (<i>CRASSOSTREA VIRGINICA</i> GMELIN) AND ITS RESPONSE TO AIR EXPOSURE Liu and Guo	CHALLENGES IN DEVELOPING A MODEL FOR ESTIMATING THE WATER QUALITY BENEFITS OF OYSTER REEF RESTORATION IN HARRIS CREEK, MD Kellogg, Brush, Lee	
4:00 PM	CARDIAC RESPONSE OF THE EASTERN OYSTER (<i>CRASSOSTREA VIRGINICA</i>) TO THREE DISSOLVED OXYGEN LEVELS Needham*, Gray, Lombardi, Paynter	APPLICATION OF A SHELL BUDGET MODEL TO EVALUATE SUCCESS OR FAILURE OF OYSTER REEF RESTORATION Soniati, Cooper, Powell, Klinek, Mann	
4:15 PM	BIOMARKERS FOR THERMAL TOLERANCE IN CLAMS: RESULTS OF LABORATORY CHALLENGES Baker, Scarpa, Sturmer	OYSTER REEF INFLUENCES ON LOCAL SEDIMENT TRANSPORT PROCESSES Colden*, Cartwright, Fall	
4:30 PM	EFFECTS OF EXTREME LOW SALINITIES ON JUVENILE OYSTER GROWTH AND SURVIVAL Rybovich, La Peyre, Hall, Supan, La Peyre	LEADING THE WAY FOR POTENTIAL DELAWARE OYSTER GROWERS: AN ASSESSMENT OF A SMALL SCALE OYSTER REMOTE SET EFFICIENCY DURING 2009, 2011, AND 2013 Reckenbell*, Ewart, Ozbay	
4:45 PM	SALINITY TOLERANCE OF JUVENILE PONDEROUS ARK <i>NOETIA PONDEROSA</i> Russell* and Scarpa	HOW MUCH IS ENOUGH? USING ECOSYSTEM SERVICES TO SET OYSTER RESTORATION TARGETS AND GOALS DeAngeles	
5:00 – 7:00 PM	STUDENT PANEL - City Terrace 4 GETTING YOUR SCIENCE OUT TO THE PUBLIC - A PRESSING ISSUE! Nicki Holmyard and Sandy Shumway		

Note: * denotes student presenters

P denotes presenter other than first author

MONDAY March 31, 2014 Plenary: The Shellfish Industry: Consumer traditions and modern markets - A comparison across the Atlantic and through the ages Nicki Holmyard			8:00 – 8:55 AM
ROOM	City Terrace 7	City Terrace 4	
SESSION TITLE	DOWN ON THE FARM Bill Walton & Julie Davis	SHELLFISH-ENVIRONMENT INTERACTIONS Julie Harding & Brett Dumbauld	
9:00 AM	ASSESSING EFFECTS OF HARD CLAM FARMING ACTIVITIES ON BOTTOM SEDIMENTS USING A SOILS- BASED APPROACH White*, Ellis, Sturmer, Osborne	NUTRIENT BIOEXTRACTION USING WILD SET OF BLUE MUSSEL (<i>MYTILUS TROSSULUS</i>) IN BUDD INLET, SOUTHERN PUGET SOUND, WASHINGTON STATE Hudson, Christy, Suhrbier	
9:15 AM	THERMAL SELECTION OF BROODSTOCK TO IMPROVE PRODUCTION OF <i>MERCENARIA MERCENARIA</i> IN FLORIDA WATERS Sturmer, Scarpa, White, Baker	EVALUATING THE ABILITY OF EASTERN OYSTERS (<i>CRASSOSTREA VIRGINICA</i>) TO MITIGATE COASTAL NITROGEN OVER-ENRICHMENT Carey, Ayvazian*, Hancock, Brown	
9:30 AM	BATTLING BIOFOULING BY MUD WORMS <i>POLYDORA</i> SPP. ON A DELAWARE BAY, NEW JERSEY OYSTER FARM Schroer*, Haskin, Calvo, Petrecca	HOW DOES EUTROPHICATION AFFECT OYSTER POPULATION STRUCTURE IN A HIGHLY FLUSHED, SUBTROPICAL ESTUARY? Dix and Philips	
9:45 AM	EFFECT OF DESICCATION REGIMES ON CULTURED OYSTER, <i>CRASSOSTREA VIRGINICA</i> , PRODUCTION AND QUALITY Walton, Rikard, Chaplin	THE IMPACT OF COMPLEX STRUCTURE ON TROPHIC TRANSFER IN AN EASTERN OYSTER (<i>CRASSOSTREA</i> <i>VIRGINICA</i>) REEF FOOD CHAIN Kesler* and Paynter	
10:00 AM	RECENT ADVANCES IN THE CULTURE OF THE EASTERN OYSTER IN ATLANTIC CANADA Mallet and Carver	RELATIONSHIP BETWEEN GROWTH AND FOOD SUPPLY IN THE NORTHERN QUAHOG (HARD CLAM) <i>MERCENARIA MERCENARIA</i> IN BARNEGAT BAY, A MID- ATLANTIC COASTAL LAGOON ECOSYSTEM Bricelj, Fantasia, Izzo, Noji, Kraeuter, Flimlin	
10:15 AM	STEADY STEPS TOWARD PILOT PRODUCTION OF RAZOR CLAMS (<i>ENsis DIRECTUS</i>) AND SEA SCALLOPS (<i>PLACOPECTEN MAGELLANICUS</i>) IN MAINE AND MASSACHUSETTS Morse, Rawson, Devin	USE OF INTERTIDAL OYSTER AQUACULTURE, EELGRASS, AND UNSTRUCTURED MUDFLAT HABITATS BY JUVENILE SALMON IN WILLAPA BAY, WASHINGTON Dumbauld, Hosack, Bosley	
10:30-11:00AM	MORNING BREAK		

MONDAY March 31, 2014			
ROOM	City Terrace 7	City Terrace 4	
SESSION TITLE	DOWN ON THE FARM Bill Walton & Julie Davis	SHELLFISH-ENVIRONMENT INTERACTIONS Julie Harding & Brett Dumbauld	
11:00 AM	SUCCESSFUL LARVAL SETTLEMENT AND HATCHERY CULTURE OF THE PONDEROUS ARK <i>NOETIA PONDEROSA</i> Scarpa and Sturmer	USING STRATIFIED RANDOM SAMPLING TO BETTER UNDERSTAND OYSTER HABITAT AND POPULATION DYNAMICS IN THE CHESAPEAKE BAY: A TALE OF FOUR TRIBUTARIES Michaelis, Lane, Handschy, Paynter	
11:15 AM	QUALITY CONTROL ON COMMERCIAL USE OF TETRAPLOID TECHNOLOGY Ritter and Allen	USING A NOVEL AUTOMATED IDENTIFICATION TECHNIQUE TO ENHANCE OUR UNDERSTANDING OF LARVAL DISPERSAL OF THE EASTERN OYSTER (<i>CRASSOSTREA VIRGINICA</i>) Goodwin* and North	
11:30 AM	A PILOT PROJECT TO PTIMULATE SEAWEED PRODUCTION ON MUSSEL FARMS IN MAINE Morse and Redmond	MATCHES AND MISMATCHES: TEMPORAL VARIATION IN THE CONSUMPTION AND SELECTION OF OYSTER VELIGERS BY LARVAL GOBIES Harding, Allen, Dingley, Tremont, Krug, Armstrong	
11:45 AM	DYNAMICS OF A SUBMERSIBLE MUSSEL RAFT IN WAVES AND CURRENT Swift, Wang, Tsukrov, Celikkol, Dewhurst, Newell	THE EXPOSED SURFACE AREA TO VOLUME RATIO: IS SHELL MORE COST-EFFICIENT THAN LIMESTONE IN PROMOTING OYSTER RECRUITMENT? Kuykendall*, Moreno, Powell, Sonait, Colley, Mann, Munroe	
12:00 Noon	APPROACHES TO MONITORING OFFSHORE BIVALVE AQUACULTURE AT SAGRES, PORTUGAL leely and Fragoso	<i>IN SITU</i> OBSERVATION AND COMPUTATIONAL FLUID DYNAMIC ANALYSIS OF ORIENTATION WITH REGARD TO DOMINANT CURRENTS IN <i>ENSIS DIRECTUS</i> Mulcahy	
12:15 PM	Discussion	THE CURIOUS CASE OF OYSTER ALLOMETRY Powell, Mann, Ashton-Alcox, Bushek	
12:30-1:30 PM	LUNCH BREAK (on your own)		

MONDAY March 31, 2014			
ROOM	City Terrace 7	City Terrace 4	
SESSION TITLE	VIBRIO Anita Wright & Steve Jones	GENERAL CONTRIBUTED Cassander Titley-O'Neil, Bruce MacDonald, Leroy Cresswell	
1:30 PM	DIVERSITY OF PATHOGENIC <i>VIBRIO PARAHAEMOLYTICUS</i> STRAINS FROM NEW ENGLAND SHELLFISH HARVEST AREAS Whistler, Xu, Marcinkiewicz, Hartwick, Cooper, Jones	BOMB RADIOCARBON DATING OF THE ENDANGERED WHITE ABALONE (<i>HALIOTIS SORESENSEN</i>): INVESTIGATIONS OF AGE, GROWTH AND LIFESPAN Andrews, Leaf*, Rogers-Bennett, Neuman, Hawk, Cailliet	
1:45 PM	DETECTION OF <i>VIBRIO PARAHAEMOLYTICUS</i> AND <i>VIBRIO VULNIFICUS</i> IN RHODE ISLAND AND MASSACHUSETTS OYSTER HOMOGENATES PRE-AND POST-ENRICHMENT IN ALKALINE PEPTONE WATER: VARIATION IN DATA GENERATION BASED ON SAMPLE PROCESSING PROTOCOL Markey and Smolowitz	BIOTIC EFFECTS OF THREE NON-NATIVE INVERTEBRATES ON TWO LIFE-STAGES OF EASTERN OYSTER <i>CRASSOSTREA VIRGINICA</i> Yuan*, Hoffman, Walters	
2:00 PM	DEVELOPMENT OF A NEW BENTONITE BASED QUANTITATIVE PCR TEST METHOD TO DETECT <i>VIBRIO PARAHAEMOLYTICUS</i> AND <i>VIBRIO VULNIFICUS</i> IN OYSTER TISSUES Jaillet*, Markey, Smolowitz	THE EFFECT OF NUTRIENTS ON THE GROWTH OF THE MARINE MICROALGA <i>TETRASELMIS CHUI</i> Hong, Lee, Pan, Lee	
2:15 PM	ECOLOGY OF <i>VIBRIO VULNIFICUS</i> IN FLORIDA COASTAL WATERS Harwood, Young, Chase	QUEEN CONCH, <i>STROMBUS GIGAS</i> , POPULATION ASSESSMENT IN THE HONDURAN-NICARAGUAN RISE Ehrhardt and Romero	
2:30 PM	PATHOGENIC <i>VIBRIO</i> OCCURRENCE IN NORTHEAST US SHELLFISH AND STRATEGIES FOR THEIR REMOVAL Jones, Taylor, Howell, Hartwick, Cooper, Whistler	REPRODUCTIVE EFFORT OF QUEEN CONCH, <i>STROMBUS GIGAS</i> (MOLLUSCA GASTROPODA) ACROSS THE CARIBBEAN Aranda, Oxenford, Bissada, Enriquez, Frenkiel	

MONDAY March 31, 2014			
ROOM	City Terrace 7	City Terrace 4	
SESSION TITLE	VIBRIO Anita Wright & Steve Jones	GENERAL CONTRIBUTED Cassander Titley-O'Neil, Bruce MacDonald, Leroy Cresswell	
2:45 PM	OYSTER HARVESTING PRACTICES: EFFECTS ON VIBRIO LEVELS Jones	IMPOSEX OCCURRENCE IN EDIBLE AND COMMERCIAL GASTROPODS: A COMPREHENSIVE REVIEW Titley-O'Neal, MacDonald, Munkittrick	
3:00 PM	<i>VIBRIO PARAHAEEMOLYTICUS</i> IN OYSTERS (<i>CRASSOSTREA VIRGINICA</i>) EXPOSED TO DIFFERENT TEMPERATURE TREATMENTS IN MASSACHUSETTS Murphy, Reitsma, Smolowitz, Markey, Archer	DEVELOPING A REGIONAL SHELLFISH HATCHERY FOR THE WIDER CARIBBEAN: ASSESSING ITS FEASIBILITY AND SUSTAINABILITY Creswell, Sarkis, Lovatelli	
3:15 PM	APPLICATION OF CHITOSAN MICROPARTICLES FOR THE REDUCTION OF VIBRIO SPECIES IN EASTERN OYSTERS (<i>CRASSOSTREA VIRGINICA</i>) Wright, Fang, Jeong, Chase, Harwood	GROWTH, REPRODUCTIVE SEASONALITY AND OVIPOSITION OF THE LIGHTHING WHELK <i>BUSYCON PERVERSUM</i> (LINNÉE, 1758) OF THE CONTINENTAL SHELF OF YUCATAN, MEXICO Valencia, Diaz, Martinez Morales, Aranda	
3:30 PM		EVALUATION OF THE TEMPERATURE EFFECT ON DEVELOPMENT, GROWTH AND CALCIFICATION IN <i>STROMBUS GIGAS</i> LARVAE Villegas*, Diaz, Aranda	
3:45 PM			
4:00 – 6:00 PM			
7:00 PM - ???			
POSTER SESSION Conference Room B			
STUDENT ENDOWMENT FUND AUCTION			
River Terrace 1			

Note: * denotes student presenters

P denotes presenter other than first author

TUESDAY April 1, 2014				
8:00 – 8:55 AM	PLENARY: Gently streamlined or slightly pickled? Climate change, ocean acidification and shellfish aquaculture Edward H. Allison			
ROOM SESSION TITLE	City Terrace 4	City Terrace 7	City Terrace 5	
	DISEASE AND THE ENVIRONMENT David Bushek, Tal Ben-Horin, Lionel Dégremont	SCALLOPS Steve Geiger and Michael Crosby	BIOFOULING Neeraj Gohad	
9:00 AM	QPX DISEASE RELATIONSHIPS WITH ENVIRONMENTAL PARAMETERS MONITORED OVER A DECADE IN A RARITAN BAY (NY) HARD CLAM FISHERY Dahl*, Barnes, Allam	A HISTOPATHOLOGICAL AND SPATIAL ANALYSIS OF CONCHOLIN BLISTERS IN SEA SCALLOPS, <i>PLACOCPECTEN MAGELLANICUS</i>, FROM THE MID-ATLANTIC FOLLOWING OBSERVATIONS OF REDUCED MEAT QUALITY AND ELEVATED MORTALITY Hudson, Rudders, DuPaul, Carnegie	SEASONAL PATTERNS OF ASCIDIAN SETTLEMENT AT AN AQUACULTURE FACILITY IN THE DAMARISCOTTA RIVER, MAINE (USA) Bullard, Davis, Shumway	
9:15 AM	DERMO DISEASE: DRIVEN BY UBIQUITOUS PARASITES IN THE WATER COLUMN OR LOCAL INFECTION FOCI? Paynter, Michaelis, Lane, Handschy	IDENTIFICATION OF THE CAUSATIVE AGENT OF ORANGE NODULAR LESIONS IN THE ATLANTIC SEA SCALLOP, <i>PLACOCPECTEN MAGELLANICUS</i> Grimm*, Markey, Smolowitz, Huntsburger, Inglis, Smolowitz	SYNERGISTIC ROLES FOR LIPIDS AND PROTEINS IN THE PERMANENT ADHESIVE OF BARNACLE LARVAE Gohad, Aldred, Hartshorn, Lee, Cicerone, Orihuela	
9:30 AM	DOES PRESENCE OF MANGROVES AFFECT DISEASE INFECTION, GROWTH, SURVIVAL, AND NEW RECRUITMENT OF OYSTERS <i>CRASSOSTREA VIRGINICA</i>? Lara*	HOW REARING PARAMETERS DISTURB <i>PECTEN MAXIMUS</i> LARVAL DEVELOPMENT Holbach*, Robert, Miner, Mingant, Boudry, Tremblay	A BASIC ANTI-FOULING MECHANISM OF SHELLFISH Kunkel	
9:45 AM	DEVELOPMENT OF A THEORETICAL BASIS FOR MODELING DISEASE PROCESSES IN MARINE INVERTEBRATES Hofmann, Klinck, Bushek, Ford, Guo, Munroe, Ben-Horin, Powell, Haidvogel, Levin	SURVIVAL OF THE BAY SCALLOP <i>ARGOPECTEN IRRADIANS CONCENTRICUS</i> (SAY 1822) INCREASES WITH STRUCTURED HABITAT IN CHESAPEAKE BAY Hernández Cordero and Seitz*	THE EFFECT OF CUES AND CONDITIONING ON THE SETTLEMENT OF MARINE BENTHIC ORGANISMS AND DEVELOPMENT OF MARINE BENTHIC COMMUNITIES Ralston and Swain	
10:00 AM	FILTERING OUT DISEASE: PARASITE CONSUMPTION CAN INHIBIT DISEASE SPREAD IN DENSE OYSTER POPULATIONS Ben-Horin, Ford, Powell	USING A SYSTEM LEVEL APPROACH TO BAY SCALLOP ENHANCEMENT AND MANAGEMENT Chintala, Grunden, Kuhn, Tammi	PEPTIDE ATTRACTANTS OF OYSTER DRILLS FROM BARNACLE AND OYSTER ODORS Rittschof	
10:15 AM	MODELING SHELLFISH INFECTIOUS DISEASES: APPLICATION TO Dermo IN <i>CRASSOSTREA VIRGINICA</i> Bidegain, Powell, Klinck, Hofmann, Bushek, Guo	RECENT BAY SCALLOP RESTORATION ACTIVITIES IN SARASOTA BAY: COMBINING SCIENCE-BASED STRATEGIES AND COMMUNITY INVOLVEMENT Culter, Leverne, Crosby	A COMPARISON OF THE BIOFOULING AND DRAG CHARACTERISTICS OF UNCOATED AND COATED KNOTLESS NYLON NET Swain and Shinjo	
10:30-11:00 AM	MORNING BREAK			

TUESDAY April 1, 2014				
ROOM	City Terrace 4	City Terrace 7	City Terrace 5	
SESSION TITLE	DISEASE AND THE ENVIRONMENT David Bushek, Tal Ben-Horin, Lionel Dégremont	SCALLOPS Steve Geiger and Michael Crosby	ECONOMIC DIMENSIONS OF SHELLFISH CULTURE, MANAGEMENT, AND MARKETING: SOMETHING FOR EVERYBODY Chuck Adams	
11:00 AM	CONSEQUENCES OF ASYMMETRIC LARVAL DISPERSAL ON THE EVOLUTION OF DISEASE RESISTANCE; A METAPOPULATION MODELING STUDY WITH OYSTERS Munroe, Klinck, Hofmann, Powell	STUDENT INVOLVEMENT IN RECRUITMENT AND RESTORATION OF THE BAY SCALLOP (<i>ARGOPECTEN IRRADIANS</i>) IN ST. ANDREW BAY, FLORIDA: A COOPERATIVE EFFORT WITH THE FLORIDA FISH AND WILDLIFE COMMISSION Foster and Fitzhugh	AN UPDATED ASSESSMENT OF THE ECONOMIC IMPACT TO THE FLORIDA ECONOMY GENERATED BY THE COMMERCIAL HARD CLAM CULTURE INDUSTRY Adams and Sturmer	
11:15 AM	SPATIO-TEMPORAL EVOLUTION OF SUMMER MORTALITIES AFFECTING SPAT OF PACIFIC OYSTERS <i>CRASSOSTREA GIGAS</i> IN FRENCH FARMING AREAS Fleury, Jlivel, Mazurie, Cochenne, Bedier	EIGHT YEARS OF PECONIC BAY SCALLOP RESTORATION: WHAT HAVE WE LEARNED SO FAR? Tettelbach, Smith, Havelin, Peterson, Carroll, Furman, Hughes	VIRGINIA OYSTER BUDGETS Hudson, Murray, Kauffman	
11:30 AM	SPATIAL AND TEMPORAL DYNAMICS OF MASS MORTALITIES IN OYSTERS IS INFLUENCED BY ENERGETIC RESERVES, FOOD QUALITY AND FARMING PRACTICES Pernet, Lagarde, Jeannée, Daigle, Barret, Le Gall, Quere, D'orbecastel	SCOPE FOR GROWTH OF TEXAS BAY SCALLOP (<i>ARGOPECTEN IRRADIANS AMPLICOSTATUS</i>) Schoech and Withers	ECONOMIC TOOLS SUPPORTING AQUACULTURE INDUSTRY DEVELOPMENT Murray and Hudson	
11:45 AM	OSTREID HERPESVIRUS-1 (OSHV-1) IN COMMERCIALY FARMED PACIFIC OYSTERS (<i>CRASSOSTREA GIGAS</i>) IN THE HAWKESBURY RIVER AUSTRALIA IN 2013: OUTBREAK INVESTIGATION AND AFTERMATH Whittington, Evans, Dhand, Rubio, Coad, Paul- Pont	EFFECT OF HYPOXIA ON RESPIRATION AND FILTRATION RATES OF THE PERUVIAN SCALLOP (<i>ARGOPECTEN PURPURATUS</i>) Aguirre*, Flye-Sainte Marie, Jean	SHELLFISH AQUACULTURE IN THE CARIBBEAN SEA: INVESTIGATING THE FEASIBILITY OF A REGIONAL MODEL FOR SCALLOP PRODUCTION Valderrama and Spagna^P	
12:00–2:00 PM	NSA BUSINESS LUNCHEON River Terrace 1			

TUESDAY April 1, 2014				
ROOM	City Terrace 4	City Terrace 7	City Terrace 5	
SESSION TITLE	DISEASE AND THE ENVIRONMENT David Bushek, Tal Ben-Horin, Lionel Dégremont	SCALLOPS Steve Geiger and Michael Crosby	GENERAL CONTRIBUTED II Dale Leavitt	
2:00 PM	FOUR GENERATION OF MASS SELECTION ON SURVIVAL IN SPAT <i>CRASSOSTREA GIGAS</i> IN FIELD CONDITION: AN EASY WAY TO GET OSHV-1 RESISTANT OYSTERS Dégremont, Maurouard, Azema, Nourry	LATITUDINAL AND BATHYMETRIC VARIATION IN ONTOGENETIC MORPHOLOGY IN THE SEA SCALLOP <i>PLACOEPTEN MAGELLANICUS</i> Bergeron*, Rudders, Mann	EXTENSION.ORG MARINE AQUACULTURE COMMUNITY OF PRACTICE Concepcion, Parker^P, Calvo	
2:15 PM	PLOIDY INVESTIGATION ON MORTALITY RELATED TO OSHV-1 IN SPAT <i>CRASSOSTREA GIGAS</i> Benabdelmouna, Ledu, Maurouard, Dégremont	CONSIDERING EXTERNAL INFLUENCES ON METAPOPOPULATION STRUCTURE FOR FISHERIES AND RESOURCE MANAGEMENT: AN EXAMPLE USING BAY SCALLOPS (<i>ARGOPECTEN IRRADIANS CONCENTRICUS</i>) Bert, Arnold, Wilbur, McMillen, Stephenson, Weisberg, Yarbro	TRANSGENERATION EFFECTS OF OCEAN ACIDIFICATION ON THE PACIFIC OYSTER <i>CRASSOSTREA GIGAS</i> Friedman, Davis, Dumbauld^P, Eudeline, Mercer, Shaffnit	
2:30 PM	TRANSCRIPTOME RESPONSE OF THE PACIFIC OYSTER (<i>CRASSOSTREA GIGAS</i>) TO OSTREID HERPESVIRUS INFECTION He, Jouaux, Ford, Lelong, Sourdaine, Guo^P		RESPONSE OF LARVAL AND JUVENILE NORTHERN QUAHOGS (<i>MERCENARIA MERCENARIA</i>) AND BAY SCALLOPS (<i>ARGOPECTEN IRRADIANS</i>) TO DIET CHANGES IN ELEVATED CARBON DIOXIDE CONCENTRATIONS Clark* and Gobler	
2:45 PM	GENETIC POLYMORPHISM OF THE OSTREID HERPESVIRUS 1 (OSHV-1) Martenot, Travaille, Lethuillier, Oden, Lelong, Houssin	MANAGEMENT TARGETS AND RESTORATION GOALS FOR FLORIDA BAY SCALLOPS BASED ON SETTLEMENT AND ABUNDANCE ESTIMATES Geiger, Stephenson, Parker	MESOOOPLANKTON POPULATIONS IN THE NORTHERN INDIAN RIVER LAGOON (FLORIDA) IN THE WAKE OF RECENT HARMFUL ALGAL BLOOMS Kolb*, Sweat, Johnson	
3:00 PM	<i>VIBRIO AESTUARIANUS</i> AND PACIFIC OYSTER <i>CRASSOSTREA GIGAS</i> MORTALITY IN FRANCE: A NEW CHAPTER IN THEIR RELATIONSHIP Garcia, Travers, Arzul^P, Tourbiez, Haffner, Chollet	POTENTIAL IMPACTS OF CONCURRENT EXTENSIONS OF THE RECREATIONAL BAY SCALLOP (<i>ARGOPECTEN IRRADIANS</i>) SEASON IN FLORIDA Stephenson, Geiger, Parker	EXPANSION OF HARMFUL BROWN TIDES CAUSED BY THE PERLAGOPHYTE, <i>AUREOUMBRA LAGUNENSIS</i> TO THE EAST COAST OF FLORIDA AND IMPACTS ON RESIDENT BIVALVE COMMUNITIES Gobler, Koch, Kang	

TUESDAY April 1, 2014				
ROOM	City Terrace 4	City Terrace 7	City Terrace 5	
SESSION TITLE	DISEASE AND THE ENVIRONMENT David Bushek, Tal Ben-Horin, Lionel Dégremont	SCALLOPS Steve Geiger and Michael Crosby	GENERAL CONTRIBUTED II Dale Leavitt	
3:15 PM	EFFECTS OF HUSBANDRY PRACTICES TO REDUCE OSHV-1 ASSOCIATED MORTALITY OF PACIFIC OYSTERS <i>CRASSOSTREA GIGAS</i> , AND FIRST STEPS TOWARDS INTEGRATED MANAGEMENT WITHIN AN INFECTED ESTUARY Paul-Pont, Evans, Dhand, Rubio, Whittington	HIGH RESOLUTION SURVEYS OF SEA SCALLOPS (<i>PLACOPECTEN MAGELLANICUS</i>) USING A TOWED CAMERA SYSTEM Hart, Shank, Chang, Gallagher, York	EFFECTS OF HUSBANDRY PRACTICES TO REDUCE OSHV-1 ASSOCIATED MORTALITY OF PACIFIC OYSTERS <i>CRASSOSTREA GIGAS</i> , AND FIRST STEPS TOWARDS INTEGRATED MANAGEMENT WITHIN AN INFECTED ESTUARY Paul-Pont, Evans Dhand, Rubio, Whittington	
3:30 PM	IMPACT OF <i>PERKINSUS MARINUS</i> INFECTION ON EASTERN OYSTER RESPONSES TO OIL-CONTAMINATED SEDIMENTS La Peyre, Casas, Miles	GEOSTATISTICAL ESTIMATION OF SEA SCALLOP ABUNDANCE FROM TOWED CAMERA DATA Chang*, Shank, Hart	DEVELOPING A COLLABORATIVE STOCK ASSESSMENT PROGRAM TO ASSIST IN MANAGING THE QUAHOG FISHERY IN NARRAGANSETT BAY, RHODE ISLAND Leavitt, Griffin, Rutherford, Erkan, Mercer, Gibson	
3:45 PM	PALLIAL MUCUS OF THE OYSTER <i>CRASSOSTREA VIRGINICA</i> REGULATES THE EXPRESSION OF PUTATIVE VIRULENCE GENES OF ITS PATHOGEN <i>PERKINSUS MARINUS</i> Allam, Corre, Pales Espinosa	USE OF A MATRIX POPULATION MODEL TO ASSESS THE IMPACT OF THE SECOND SEASONAL SPAWN ON THE NORTHERN BAY SCALLOP, <i>ARGOPECTEN IRRADIANUS IRRADIANUS</i> Hall*, Cadrin, Stevens		
4:00 – 6:00PM	POSTER SESSION Conference Center B HAPPY HOUR			

Note: * denotes student presenters

P denotes presenter other than first author

WEDNESDAY April 2, 2014				
PLENARY: Virtual oysters, real food. How models help manage shellfish carrying capacity João Ferreira				
ROOM	City Terrace 4	City Terrace 7	City Terrace 5	
SESSION TITLE	DISEASE AND THE ENVIRONMENT David Bushek, Tal Ben-Horin, Lionel Dégremont	MODELING Jon Grant	RIBBED MUSSELS FOR ESTUARINE ENHANCEMENT Danielle Kreeger and John Supan	
9:00 AM	EFFECTS OF THE INFECTION BY THE TREMATODE <i>BUCEPHALUS</i> SP. UPON PHYSIOLOGY OF THE EASTERN OYSTER <i>CRASSOSTREA VIRGINICA</i> , AND CONSEQUENCES OF AN ADDITIONAL STRESS, THE EXPOSURE TO THE TOXIC DINOFLAGELLATE <i>ALEXANDRIUM FUNDYENSE</i> Lassudrie*, Wikfors, Combout, Sunila, Soudant, Alix	BIVALVE PERFORMANCE AS AN INDICATOR OF ECOSYSTEM STATUS ON AQUACULTURE SITES Filgueira, Guyondet, Comeau, Grant	SEASONAL GAMETOGENESIS OF THE RIBBED MUSSEL, <i>GEUKENSIA GRANOSISSIMA</i> Honig, La Peyre, Supan^p	
9:15 AM	IMPACT OF TOXIC DINOFLAGELLATE <i>ALEXANDRIUM MINUTUM</i> ON PHYSIOLOGICAL AND IMMUNOLOGICAL RESPONSES OF THE PERIWINKLE <i>LITTORINA LITTOREA</i> de A. F. Neves*, Mandali de Figueiredo, Valentin, da Silva Scardua, Hegaret	ASSESSING THE EFFECT OF ENVIRONMENTAL DRIVERS ON THE OYSTER <i>Crassostrea virginica</i> USING A DYNAMIC ENERGY BUDGET MODEL Bacher, La Peyre, La Peyre	POPULATION ECOLOGY OF THE RIBBED MUSSEL, <i>GEUKENSIA GRANOSISSIMA</i> , IN SOUTHEASTERN LOUISIANA Honig, Supan, La Peyre^p	
9:30 AM	EXTRACELLULAR PROTEINS IN QUAHOG PARASITE UNKNOWN (QPX) MUCOID SECRETION Rubin*, Pales Espinosa, Koller, Allam	SHELLFISH MODELING: INSIGHTS GAINED DURING THE DEVELOPMENT OF SHELLSIM Hawkins	RIBBED MUSSELS: BIOFILTRATION KINGPINS OF THE DELEWARE RIVER BASIN, BUT FOR HOW LONG? Kreeger	
9:45 AM	HEAT SHOCK PROTEIN 70 (Hsp70) EXPRESSION IN RESPONSE TO EXPOSURE OF <i>TAPES DECUSSATUS</i> TO TWO CLAM PATHOGENS, <i>VIBRIO ALGINOLYTICUS</i> AND <i>MICROCOCCLUS LUTEUS</i> El-Wazzan, El-Sersy, Ghareeb	USE OF SPATIAL INFORMATION SYSTEM TO SELECT SITES SUITABLE FOR AQUACULTURE IN NORMANDY Gangnery, Le Gendre, Picoche, Petton, Bacher^p, Alunno-Bruscia, Hageberg, Strand	GEOSPATIAL DISTRIBUTION OF RIBBED MUSSELS (<i>GEUKENSIA DEMISSA</i>) AND NUTRIENT REMOVAL SERVICES ACROSS A SALT MARSH Moody* and Kreeger	
10:00 AM	SHOTGUN PROTEOMIC CHARACTERIZATION OF THE PALLIAL MUCUS OF THE OYSTER <i>CRASSOSTREA VIRGINICA</i> Pales Espinosa, Koller, Allam	MAPPING HABITAT AND MODELLING LIFE HISTORY TRAITS- CAN WE PREDICT SPECIES DISTRIBUTION? Bacher and Kasmi	DEVELOPING METHODS TO INTEGRATE RIBBED MUSSELS INTO LIVING SHORELINES: REPRODUCTION IN THE FIELD AND IN A HATCHERY Lopez-Duarte, McGurk, Kreeger, DeBrosse, Neuman, Bushek	
10:15-10:45 AM	MORNING BREAK			

WEDNESDAY April 2, 2014				
ROOM	City Terrace 4	City Terrace 7	City Terrace 5	
SESSION TITLE	DISEASE AND THE ENVIRONMENT David Bushek, Tal Ben-Horin, Lionel Dégremont	MODELING Jon Grant	CHALLENGES AND OPPORTUNITIES FOR OYSTER AQUACULTURE IN THE SOUTH	Yolanda Brady, Julie Davis, Bill Walton
10:45 AM	CHANGES OF THE PLASMA PROTEIN OF THE MANILA CLAM <i>RUDITAPES PHILIPPINARUM</i> DUE TO INFECTION WITH <i>PERKINSUS OLSENI</i> Fernández, Villaba, Cao	PREDICTING SPATIAL IMPACTS OF BIVALVE AQUACULTURE ON NUTRIENT CYCLING: THE BASIS PROJECT Newell, Newell, Richardson, Sanford, Cornwell, Testa, Brady	A STATE-BY-STATE STATUS REPORT ON OFF-BOTTOM OYSTER FARMING IN THE US SOUTHEAST Davis, Bliss, Supan, Sturmer, Turano, Walton	
11:00 AM	MODULATION OF APOPTOSIS BY STRESS FACTORS INCLUDING THE PROTOZOAN PARASITE <i>BONAMIA OSTREAE</i> IN THE FLAT OYSTER, <i>OSTREA EDULIS</i> Gervais*, Renault, Chollet, Arzul	SYNERGY OF MATHEMATICAL MODELING AND ECOLOGY IN NATIVE OYSTER RESTORATION Lipcius		
11:15 AM	DOES C/1MMP EXPRESSION AFFECT WOUND HEALING AND SHELL REPAIR IN <i>CRASSOSTREA VIRGINICA</i> ? Falwell*, Gomez-Chiarri, Mount	ECOSYSTEM MODELING FOR AQUACULTURE SUSTAINABILITY Grant	EVALUATION OF CURRENT AND NEAR FUTURE OYSTER HATCHERY CAPACITY IN THE SOUTHEASTERN US REGION Rikard, Davis, Walton	
11:30 AM	ASSESSING THE PATHOGENIC CAUSE OF SEA STAR WASTING DISEASE Del Sesto*, Francoeur, Gomez-Chiarri, Smolowitz, Baker, Wessel	APPLICATION OF SHELLGIS: BIOPHYSICAL FACTORS, SHELLFISH PRODUCTION CAPACITY, AND SOCIETAL PRIORITIES Newell, Hawkins, Morris, Richardson, Davis, Getchis	A REGIONAL APPROACH TO TRIPLOID OYSTER PRODUCTION IN THE GULF REGION Supan and Rossi	
11:45 AM	SHRIMP BLACK GILL IN THE COASTAL SOUTHEAST: CAUSES, DISTRIBUTION AND TRANSMISSION Lee, Frischer, Walker, Mathes, Bulski, Geer	DISCUSSION	AN INDUSTRY PERSPECTIVE ON SINGLE OYSTER PRODUCTION IN SOUTH CAROLINA USING OFF-BOTTOM METHODS Roberts and Davis	
12:00 – 1:00 PM	LUNCH BREAK (on your own)			

WEDNESDAY April 2, 2014				
ROOM	City Terrace 4	City Terrace 7	City Terrace 5	
SESSION TITLE	DISEASE AND THE ENVIRONMENT David Bushek, Tal Ben-Horin, Lionel Dégremont	GENETICS AND REPRODUCTION Melissa Southworth	CHALLENGES AND OPPORTUNITIES FOR OYSTER AQUACULTURE IN THE SOUTH	
1:00 PM	A NEW NEOPLASTIC DISEASE OF <i>MERCENARIA</i> <i>MERCENARIA</i> Smolowitz, Murphy, Markey	MOVING BASELINES IN OYSTER REPRODUCTIVE PERIODICITY IN THE VIRGINIA CHESAPEAKE BAY Southworth and Mann	Yolanda Brady, Julie Davis, Bill Walton CHALLENGES TO OYSTER FARMING IN GEORGIA Manley and Bliss	
1:15 PM	PATHOGENESIS STUDY OF ABALONE HERPESVIRUS INFECTION BY USING <i>IN SITU</i> HYBRIDIZATION Chang, Chen, Chen, Kuo	ATP IS A KEY FACTOR FOR PACIFIC OYSTER (<i>CRASSOSTREA GIGAS</i>) SPERM MOVEMENT AND QUALITY Boulais*, Le Goïc, Suquet, Quéré, Boudry, Fauvel, Soudant	POINT AUX PINS OYSTER COMPANY: LESSONS LEARNED IN OFF-BOTTOM OYSTER FARMING ON THE ALABAMA COAST Crockett, Crockett, Walton	
1:30 PM	RNA SEQ FOR THE IDENTIFICATION OF NEW SEQUENCES FROM <i>BONAMIA OSTREAE</i> , A NON- CULTIVABLE PROTOZOAN INFECTING FLAT OYSTERS <i>OSTREA EDULIS</i> Arzul, Chollet, Klopp	HETEROPLD MOSAIC TETRAPLOIDS OF <i>CRASSOSTREA VIRGINICA</i> PRODUCE NORMAL TRIPLOID LARVAE AND JUVENILES AS REVEALED BY FLOW CYTOMETRY Matt* and Allen	AN OYSTER FARMING TRAINING PROGRAM IN ALABAMA Zirloff and Walton	
1:45 PM	A BLOOD SUCKING PARASITIC SNAIL, <i>EVALEA</i> <i>TENUISCULPTA</i> , INFECTS ABALONE IN NORTHERN CALIFORNIA Maguire* and Rogers-Bennett	EVALUATION OF CYTOCHALASIN B AND 6- DIMETHYLAMINOPURINE FOR TETRAPLOIDY INDUCTION IN THE EASTERN OYSTER, <i>CRASSOSTREA</i> <i>VIRGINICA</i> Peachey* and Allen	A COMPARATIVE STUDY OF HABITAT VALUE FOR THE JUVENILE BLUE CRAB, <i>CALLINectes SAPIDUS</i> , PROVIDED BY OFF-BOTTOM OYSTER FARMING IN THE NORTHERN GULF OF MEXICO Stewart* and Walton	
2:00 PM	SURVIVAL OF <i>TAPES DECUSSATUS</i> FOLLOWING EXPERIMENTAL CHALLENGE WITH <i>MICROCOCCLUS</i> <i>LUTEUS</i> AND <i>VIBRIO ALGINOLYTICUS</i> El-Wazzan, Abdella, El-Sersy, El-Helow, Sabry	GENETIC AND ENVIRONMENTAL INFLUENCES ON TRIPLOID <i>CRASSOSTREA VIRGINICA</i> IN CHESAPEAKE BAY: SURVIVAL AND DISEASE Callam*, Allen, Frank-Lawale	A SURVEY OF ECOSYSTEM SERVICES RENDERED BY INTENSIVE OYSTER AQUACULTURE Rheault	

WEDNESDAY April 2, 2014				
ROOM	City Terrace 4	City Terrace 7	City Terrace 5	
SESSION TITLE	DISEASE AND THE ENVIRONMENT David Bushek, Tal Ben-Horin, Lionel Dégremont	GENETICS AND REPRODUCTION Melissa Southworth	CHALLENGES AND OPPORTUNITIES FOR OYSTER AQUACULTURE IN THE SOUTH	
2:15PM	DEVELOPING OF PROBIOTIC FORMULATIONS FOR SHELLFISH HATCHERIES Sohn*, Dao, Zhao, Kessner, Volpe, Rowley	ANTIOXIDANT PROTECTION OF INTRA-GONADIC AND FREE GAMETES OF THE PACIFIC OYSTER <i>CRASSOSTREA GIGAS</i> Béguet, Boulais, Mercier, Lambert, Huvet, Soudant, Le Goïc, Dudognon, Quillien, Suquet, Fabioux	VALUATION OF HABITAT PROVISIONING AND NITROGEN REMOVAL BY OFF-BOTTOM AQUACULTURE IN THE GULF OF MEXICO Wellman and Ferreira	Yolanda Brady, Julie Davis, Bill Walton
2:30 PM	EVALUATING THE PERFORMANCE OF SELECTIVELY- BRED LINES OF EASTERN OYSTER, <i>CRASSOSTREA</i> <i>VIRGINICA</i> , AT DIFFERENT LOCATIONS ALONG THE EAST COAST OF THE USA Bao*, Corbett, Proestou, Frank-Lawale, Guo, Rawson, Allen, Gomez-Chiarri	EVIDENCE FOR SPERM LIMITATION IN THE BLUE CRAB SPAWNING STOCK OF CHESAPEAKE BAY Ogburn, Roberts, Richie, Johnson, Hines	CONSUMER PREFERENCES FOR BRANDED GULF OF MEXICO OYSTERS Petrolia and Walton	
2:45 PM	BREEDING A BETTER OYSTER FOR NEW ENGLAND Rawson, Lindell, Guo, Sunila			DISCUSSION
3:00 – 5:00 PM	CLOSING HAPPY HOUR Conference Center B			

Note: Asterisks (*) denote student presenters
(P) denotes presenter other than first author