

List of Poster Presentations

First Author	Poster Title	Number
TREVON ADAMS	STUDY OF SEROTONIN AND DOPAMINE POST-SYNAPTIC RECEPTOR MECHANISMS IN THE BIVALVE MOLLUSC <i>CRASSOSTREA VIRGINICA</i>	20
ANDREA L. ALLMAN	FIBER DIGESTION IN THE JUVENILE BLUE CRAB, <i>CALLINECTES SAPIDUS</i> RATHBURN	62
JAVIER V ALVAREZ	INVOLVEMENT OF PROPHENOLOXIDASE (PPO) ACTIVITY IN THE SHELL HARDENING PROCESS IN <i>CALLINECTES SAPIDUS</i> : CLONING OF PPO AND PPO ACTIVATING ENZYME (PPOAE) AND THEIR SPATIAL DISTRIBUTION	65
ISABELLE ARZUL	DETECTION OF <i>BONAMIA OSTREAE</i> IN LARVAE OF <i>OSTREA EDULIS</i>	40
CHRISTINA M. BADGER	EVALUATION OF THE EFFICACY OF NON-LETHAL HEMOLYMPH SAMPLING FOR THE STUDY OF PARASITE INFECTION IN THE EASTERN OYSTER, <i>CRASSOTREA VIRGINIA</i>	43
YONGBO BAO	GENETIC ANALYSIS OF <i>HAPLOSPORIDIUM NELSONI</i> FROM FOUR US POPULATIONS WITH INTERNAL TRANSCRIBED SPACER SEQUENCES	31
YONGBO BAO	CLONING, CHARACTERIZATION OF A GLUTAMINE SYNTHETASE GENE FROM BLOODY CLAM <i>TEGILLARCA GRANOSA</i>	29
STEFANIE ANNE BOETTGER	DISSEMINATED NEOPLASIA AND CLAM POPULATIONS IN A CANADIAN NATIONAL PARK – KOUCHIBOUGUAC NATIONAL PARK	37
CHERRYLE BROWN	PHARMACOLOGICAL STUDY OF SEROTONIN AND DOPAMINE POST-SYNAPTIC RECEPTORS OF THE LATERAL CILIATED CELLS OF THE GILL AND VISCERAL GANGLIA OF <i>CRASSOSTREA VIRGINICA</i>	16
MARK CAMARA	IDENTIFICATION OF GENES AND MOLECULAR MARKERS IN PACIFIC OYSTER (<i>CRASSOSTREA GIGAS</i>) LARVAE THAT ARE ASSOCIATED WITH RESISTANCE TO <i>VIBRIO TUBIASHII</i> EXTRACELLULAR PRODUCTS AND HIGH SEAWATER PCO ₂	30
JULIE CAMPBELL	SEASONALITY AND TRANSMISSION OF PARASITES INFECTING <i>OSTREA EQUESTRIS</i> IN MASONBORO SOUND, NC	44
VIRGINIA M. CLARK	THE EFFECT OF DIEL-CYCLING HYPOXIA ON EASTERN OYSTER (<i>CRASSOSTREA VIRGINICA</i>) CLEARANCE	48
DANIEL CHENEY	MONITORING POTENTIAL IMPACTS OF OCEAN ACIDIFICATION ON OYSTER LARVAE SURVIVAL AND RECRUITMENT ON THE U.S. WEST COAST	1
KURT CHENG	RIBBED MUSSELS AS SENTINELS FOR <i>DERMO</i> DISEASE	36
J. SOOK CHUNG	PHYSIOLOGICAL AND ENDOCRINOLOGICAL RESPONSES OF <i>CALLINECTES SAPIDUS</i> TO <i>LOXOTHYLACUS</i> INFECTION	66
JAN CULBERTSON	MONITORING <i>DERMO</i> INFECTIONS IN TEXAS OYSTER POPULATIONS AND THEIR RESPONSE TO CHANGES IN FRESHWATER INFLOWS	28
SARAH C. CULLOTY	SUSFISH: SHELLFISH PRODUCTIVITY IN THE IRISH SEA-	42

	WORKING TOWARDS A SUSTAINABLE FUTURE	
RYAN DAWES	QUAHOG SHELLS AS REUSABLE AND BIODEGRADABLE LARVAL LOBSTER GROW OUT FOR USE IN OPEN WATER	57
LATOYA DUNCANSON	THE ABILITY OF PAS, ACETYLSALICYLIC ACID AND CALCIUM EDTA TO PROTECT AGAINST THE TOXIC EFFECTS OF MANGANESE ON MITOCHONDRIAL RESPIRATION AND MEMBRANE POTENTIAL IN THE GILL OF <i>CRASSOSTREA VIRGINICA</i>	19
ELIZABETH FALWELL	MICROSCOPIC OBSERVATIONS OF JUVENILE OYSTER DISEASE SHELLS FROM <i>CRASSOSTREA VIRGINICA</i>	7
JEFFROY FANNY	COMPLEMENTARITIES BETWEEN MICROSATELLITES AND TWO PHENOTYPES, SHELL COLOR AND ORNAMENTATION, TO IDENTIFY FAMILIES OF <i>RUDITAPES PHILIPPINARUM</i> : A TOOL FOR RESEARCH SURVEY AND AQUACULTURE MANAGEMENT	24
XIAOJUN FENG	HETEROPLASMY IN THE MITOCHONDRIAL GENOME OF THE BLUE CRAB <i>CALLINECTES SAPIDUS</i> DEMONSTRATED IN MULTIPLE LOCI ACROSS GENERATIONS	71
XIAOJUN FENG	SUCCESSFUL IDENTIFICATION AND DISCRIMINATION OF HATCHERY REARED BLUE CRABS RELEASED INTO THE CHESAPEAKE BAY USING A GENETIC TAG	72
ANDREA L. FINDIESEN	THE EFFECT OF CAGE SIZE AND RATION ON GROWTH OF THE JUVENILE BLUE CRAB, <i>CALLINECTES SAPIDUS</i> (RATHBUN), IN A RECIRCULATING SYSTEM	64
CHARLES FISHER	AN ENVIRONMENTALLY-FRIENDLY COATING SYSTEM THAT OFFERS EXCELLENT FOUL RELEASE PERFORMANCE	01
DAVID W. FREDRIKSSON	A SUBMERSIBLE OYSTER AQUACULTURE SYSTEM FOR THE CHESAPEAKE BAY	58
SAMANTHA GARVEY	EAST MEETS WEST: THE NOVEL USE OF ROCKY INTERTIDAL BIVALVE RECRUITMENT TECHNIQUES IN A SALT MARSH ECOSYSTEM	8
JENNIFER GIUS	SO HAPPY TOGETHER: WHY SHELL-PLANTING AND SUSTAINABLE FISHING WORK FOR OYSTER POPULATIONS IN THE DELAWARE BAY	54
RAYMOND E. GRIZZLE	TWO-DIMENSIONAL "ECOMAPS" OF SESTON DEPLETION ZONES OVER AN INTERTIDAL <i>CRASSOSTREA VIRGINICA</i> OYSTER REEF	14
RAYMOND E. GRIZZLE	INITIATION OF A LONG-TERM COMMITMENT TO RESTORE OYSTER POPULATIONS IN THE NEW YORK HARBOR REGION	50
JACOB GOODWIN	IDENTIFICATION AND MAPPING OF BIVALVE LARVAE IN A SUB-ESTUARY OF CHESAPEAKE BAY	
AMMAR HANIF	USING MOLECULAR METHODS TO MONITOR PATHOGENS IN EARLY LIFE HISTORY OF BLUE CRABS (<i>CALLINECTES SAPIDUS</i>)	69
LACEY HEINE	DESICCATION AND TEMPERATURE TOLERANCES OF THE INVASIVE GREEN MUSSEL, <i>PERNA VIRIDIS</i> , IN ESTERO BAY, FLORIDA	60
JESSICA M. HILL	MULTIPLE PATERNITY IN THE BLUE CRAB (<i>CALLINECTES SAPIDUS</i>) ASSESSED WITH MICROSATELLITE MARKERS	68
MENGHONG HU	EFFECT OF STARVATION ON THE ENERGY BUDGET OF TWO ASIAN HORSESHOE CRAB SPECIES: <i>TACHYPLEUS TRIDENTATUS</i>	18

	AND <i>CARCINOSCORPIUS ROTUNDICAUDA</i> (CHELICERATA: XIPHOSURA)	
HAI HUANG	MANGANESE IMPAIRS THE ACTIVITY OF MITOCHONDRIAL ACONITASE IN THE GILL OF THE BIVALVE <i>CRASSOSTREA VIRGINICA</i>	23
KUN HUANG	THE TOXIC EFFECTS OF METALS ON MITOCHONDRIAL CYTOCHROME C OXIDASE ACTIVITY IN THE GILL OF THE BIVALVE <i>CRASSOSTREA VIRGINICA</i>	22
BUSHRA KHAN	EFFECTS OF CYCLIC AND CONTINUOUS HYPOXIA ON EASTERN OYSTERS, <i>CRASSOSTREA VIRGINICA</i> AND ATLANTIC MUSSELS, <i>GEUKENSIA DEMISSA</i>	13
AN-CHIN LEE	TO DEVELOP A VISUAL ASSAY KIT FOR MONITORING HYPOXIC STRESS OF HARD CLAMS <i>MERETRIX LUSORIA</i>	56
SHARON A. LYNCH	INVESTIGATION INTO THE PREVALENCE AND DISTRIBUTION OF PATHOGENS IN CULTURED AND WILD POPULATIONS OF THE MUSSEL <i>MYTILUS</i> SP. IN IRELAND	27
SHARON A. LYNCH	THE INCIDENCE OF HAPLOSPORIDIANS, <i>HAPLOSPORIDIUM NELSONI</i> AND <i>HAPLOSPORIDIUM AMERICANUM</i> , IN THE PACIFIC OYSTER, <i>CRASSOSTREA GIGAS</i> , AND THE EUROPEAN FLAT OYSTER, <i>OSTREA EDULIS</i> , IN IRELAND	39
ALLISON S. MASS	THE EFFECTS OF CHRONIC HABITAT DEGRADATION ON THE PHYSIOLOGY AND METAL STORAGE OF EASTERN OYSTERS, <i>CRASSOSTREA VIRGINICA</i>	9
AARON MALLOY	DNA-BASED DIETARY ANALYSIS OF WILD MARINE LARVAE	3
KATIE MCFARLAND	INFLUENCE OF ACUTE CHANGE SALINITY ON OSMOLALITY OF HEMOLYMPH IN THE GREEN MUSSEL, <i>PERNA VIRIDIS</i> , AND THE EASTERN OYSTER, <i>CRASSOSTREA VIRGINICA</i>	17
KATRINA MACINTOSH	EFFECT OF IN-VITRO PESTICIDE EXPOSURE ON OXIDATIVE BURST POTENTIAL OF SYDNEY ROCK OYSTER HEMOCYTES	47
EMER MORGAN	ASPECTS OF THE BIOLOGY AND PATHOLOGY OF THE COCKLE <i>CERASTODERMA EDULE</i> IN THE IRISH SEA	46
DAPHNE M. MUNROE	LONGTERM TRENDS IN PACIFIC OYSTER (<i>CRASSOSTREA GIGAS</i>) LARVAL ABUNDANCE AND RECRUITMENT IN PENDRELL SOUND, BRITISH COLUMBIA, CANADA	6
ANNA MURPHY	A PRELIMINARY STUDY INVESTIGATING THE INFLUENCE OF ADULT <i>CRASSOSTREA VIRGINICA</i> ON LARVAL SETTLEMENT	51
DIEGO A. NARVAEZ	EFFECTS OF LARVAL DISPERSION ON THE MOVEMENT OF DISEASE RESISTANT GENES BETWEEN OYSTER POPULATIONS	41
MICHAEL NELSON	ARE THE NEUROTOXIC EFFECTS OF MANGANESE DUE TO BLOCKAGE OF POST SYNAPTIC DOPAMINE RECEPTORS	15
OWEN C. NICHOLS	IN SITU MONITORING OF LONGFIN INSHORE SQUID EMBRYONIC DEVELOPMENT	12
KATRINA M. PAGENKOPP	THE ROLE OF ALTERNATE HOSTS IN THE ECOLOGY AND LIFE HISTORY OF <i>HEMATODINIUM</i> SP., A PARASITIC DINOFLAGELLATE OF THE BLUE CRAB (<i>CALLINECTES SAPIDUS</i>)	35

LOUIS PLOUGH	GENOTYPE BY ENVIRONMENT INTERACTION AFFECTS GENETIC LOAD IN THE PACIFIC OYSTER, <i>CRASSOSTREA GIGAS</i>	32
KERRI PRYCE	PHARMACOLOGICAL STUDY OF THE EFFECTS OF OCTOPAMINE ON HEART RATE OF <i>CRASSOSTREA VIRGINICA</i>	21
JORGE RIVERA	NEW GENERATION OF ENVIRONMENTALLY PREFERRED MARINE ANTIFOULANTS	00
DAVID RUDDERS	A SIMULATION STUDY TO EVALUATE SAMPLING DESIGNS FOR HIGHLY AUTOCORRELATED POPULATIONS: WITH AN APPLICATION TO SEA SCALLOP CLOSED AREAS	11
HAIGANG QI	EXPLOITATION OF SINGLE NUCLEOTIDE POLYMORPHISMS (SNPs) IN THE PACIFIC OYSTER <i>CRASSOSTREA GIGAS</i> BY ILLUMINA TRANSCRIPTOME SEQUENCING	33
BETHANY RAHALL	A COMPARISON OF GROWTH AND OVER-WINTER MORTALITY OF HATCHERY-REARED <i>C. VIRGINICA</i> SPAT SET IN TANKS AND IN A FIELD ENCLOSURE	52
JOHN SCARPA	HATCHERY AND FILED-NURSERY CULTURE OF BACKCROSSED HYBRID (<i>MERCENARIA MERCENARIA</i> , <i>M. CAMPECHIENSIS</i>) HARD CLAMS	74
STEPHEN L SCOTT	MODELING SUSTAINABLE CRAB HARVEST IN THE CHESAPEAKE BAY	70
GAIL P. SCOTT	DEVELOPMENT OF NEW MARKERS FOR GENETIC CHARACTERIZATION OF THE PROTOZOAN PARASITES IN THE GENERA <i>PERKINSUS</i> AND <i>HEMATODINIUM</i>	45
KELLY SNAUWAERT	PREDATION OF GREEN MUSSELS (<i>PERNA VIRIDIS</i>) AND OYSTERS (<i>CRASSOSTREA VIRGINICA</i>) BY STONE CRABS (<i>MENIPPE MERCENARIA</i>).	61
LESLIE N. STURMER	WHAT DO CLAMS EAT? A PICTORIAL GUIDE TO MARINE PHYTOPLANKTON QUANTITY AND QUALITY FOR CLAM FARMERS	4
NORAH G. TARASKA	IDENTIFICATION OF AGE LIMITATIONS IN HEMIC NEOPLASIA DEVELOPMENT IN THE SOFT SHELL CLAM <i>MYA ARENARIA</i>	38
SIRINART TECHA	EXPRESSION OF ECDYSTEROID RECEPTOR COMPLEX (ECR-RXR) AND MOLT-INHIBITING HORMONE (MIH) IN A MOLT CYCLE OF THE FEMALE BLUE CRAB, <i>CALLINECTES SAPIDUS</i>	63
JUSTIN TIBBELS	IS A GENETIC VARIATION RESPONSIBLE FOR THE DIFFERENTIAL GROWTH RATE OF ANIMALS OBTAINED FROM A SINGLE BROOD OF <i>CALLINECTES SAPIDUS</i> ?	67
YARON TIKOCHINSKI	GENETIC VARIABILITY OF THE MEDITERRANEAN ISRAELI COAST POPULATION OF THE INVADING BLUE CRAB <i>CALLINECTES SAPIDUS</i>	74
EMILY A. UNTENER	THE ROLE OF <i>CRASSOSTREA VIRGINICA</i> HEMOCYTES IN SHELL FORMATION: <i>EX VIVO</i> MINERAL DEPOSITION BY CULTURED HEMOCYTES	2
HAIYAN WANG	CLASSIFICATION OF PORTUGUESE OYSTER FROM SOUTHERN CHINA	26
YOUJI WANG	CHARACTERIZATION OF THE SUBPOPULATIONS OF HEMOCYTES AND THEIR IMMUNE-RELATED PARAMETERS IN THE GREEN-LIPPED MUSSEL <i>PERNA VIRIDIS</i>	10

KRYSTIN WARD	WORKING WITH NEW HAMPSHIRE RESIDENTS TO RESTORE OYSTER (<i>CRASSOSTREA VIRGINICA</i>) POPULATIONS TO THE GREAT BAY ESTUARY	49
QINGGANG XUE	CV-LYSOZYME-1 RECOMBINANT EXPRESSION AND 13C/15N-LABELING FOR NMR STRUCTURAL DETERMINATION USING PICHIA PASTORIS YEAST PROTEIN EXPRESSION SYSTEM	5
WEI YUAN	FRIENDS OR FOES? ECOLOGICAL INTERACTIONS BETWEEN NATIVE OYSTERS (<i>CRASSOSTREA VIRGINICA</i>) AND NEWLY INTRODUCED SPECIES	59
HILDE P. ZENIL	PASSIVE ACOUSTICS AS A MONITORING TOOL FOR EVALUATING OYSTER REEF RESTORATION	53
SUPING ZHANG	THREE NEW RECORD SPECIES OF SMALL SHELLFISH IN SWAN LAKE IN RONGCHENG BAY, SHANDONG, CHINA	25
LINLIN ZHANG	THE GENOMIC UNDERPINNINGS OF APOPTOSIS IN <i>CRASSOSTREA GIGAS</i>	34
TAO ZHANG	THE INFLUENCING FACTORS OF TUBE BUILDING BEHAVIOR OF POLYDORA CILIATE JOHNSTON, 1838 (ANNELIDA, POLYCHAETA): A SPIONID PLOYCHAETE INFESTING SCALLOPS <i>PATINOPECTEN YESSOENSIS</i> IN CHINA	55
ODED ZMORA	DEVELOPMENT OF HATCHERY TECHNOLOGY FOR THE PRODUCTION OF BLUE CRAB (<i>CALLINECTES SAPIDUS</i>) JUVENILES FOR BASIC SCIENCE AND APPLIED STUDIES	73