

MONDAY JANUARY 13TH; EVENING

Eppley	RANGE-WIDE POPULATION GENETIC STRUCTURE OF A HIGH GENE FLOW MARINE INVERTEBRATE, THE EASTERN OYSTER (C. VIRGINICA)	p.1
Montanile	EXPANDING SOCIAL LICENSE FOR AQUACULTURE BY OFFERING PARTICIPATORY SCIENCE OPPORTUNITIES FOR THE COMMUNITY	p.1
O'Hala	SHELL COLOR VARIATION WILD AND SELECTED STOCKS OF THE EASTERN OYSTER <i>CRASSOSTREA VIRGINICA</i>	p.2
Reeves VII	EXPERIENCES IN OPERATING AN ULTRA-DENSE, FLOW-THROUGH, LARVAL OYSTER REARING SYSTEM	p.3
Schweitzer	MORPHOLOGICAL ANALYSIS TO PREDICT CRYPTIC ATLANTIC SURFCLAM SUBSPECIES	p.4
Sweeney	REVIVING MAINE'S REEFS: RESTORING AMERICAN OYSTERS <i>CRASSOSTREA VIRGINICA</i> NEAR THE NORTHERN LIMIT	p.5
Tammi	HATCHERY OPERATIONS TO SUPPORT EASTERN OYSTER GENETIC IMPROVEMENT	p.6

TUESDAY JANUARY 14TH; MORNING

8:00-9:00	REGISTRATION AND CONTINENTAL BREAKFAST		
9:00	Milke, Wikfors and Cabana	Opening Remarks	
<i>Session Chair: Kristen Jabanoski</i>			
9:15	Mullen	DEVELOPING A HIGHER EDUCATION AQUACULTURE PATHWAY IN CONNECTICUT TO INCREASE AQUACULTURE WORKFORCE DEVELOPMENT	p.7
9:30	Getchis	CONNECTICUT AQUACULTURE WORKFORCE DEVELOPMENT STUDY: SUPPORTING THE NEXT GENERATION OF STUDENTS AND FARMERS	p.8
9:45	Tetrault	SPAT SILVER ANNIVERSARY, 25 YEARS OF COMMUNITY SHELLFISH AQUACULTURE TRAINING	p.9
10:00	Mayo	HUTTON JUNIOR FISHERIES BIOLOGY PROGRAM	p.10
10:15	BREAK (30 min)		
<i>Session Chair: Matt Bowden</i>			
10:45	Shoemaker	EXPLORING THE MILFORD MICROALGAL CULTURE COLLECTION: USING DNA TO ASSIGN TAXONOMY TO A 70-YEAR-OLD COLLECTION	p.11
11:00	Chen	GENOMIC MEASURES OF OYSTER RECRUITMENT SUPPLEMENTATION BY FARM-SOURCE OFFSPRING ALONG THE CONNECTICUT COAST	p.12
11:15	Savastano	CONTRASTING THE PERFORMANCE OF TRADITIONALLY- AND GENOMICALLY-SELECTED LINES OF EASTERN OYSTER IN NEW YORK	p.13
11:30	Kiffney	A RISING TIDE LIFTS ALL BOATS AS WELL AS INTERTIDAL TUMBLING GEAR	p.14
11:45	Cockrell	SCIENCE-DRIVEN SOLUTIONS: NOAA SCIENCE TO INFORM AQUACULTURE TOOLS, MANAGEMENT, AND DECISION-MAKING	p.15
12:00	LUNCH (75 min)		

TUESDAY JANUARY 14TH; AFTERNOON

<i>Session Chair: Dan Wleczorek</i>			
1:15	Bowden	ADVANCING U.S. OFFSHORE AQUACULTURE ENGINEERING	p.16
1:30	Rose	A NEW ONLINE TOOL TO INTEGRATE NUTRIENT REMOVAL BENEFITS PROVIDED BY EASTERN OYSTER AQUACULTURE INTO THE AQUACULTURE PERMITTING AND REVIEW PROCESS	p.17
1:45	Morse	DEVELOPING TOOLS TO QUANTIFY ECOSYSTEM SERVICES PROVIDED BY AQUACULTURE - INTEGRATING HABITAT AND FISH PRODUCTION	p.18
2:00	Mercaldo-Allen	BEHAVIORAL OBSERVATIONS, RELATIVE CONDITION, AND ESTIMATED PRODUCTION OF BLACK SEA BASS CENTROPRISTIS STRIATA USING OYSTER AQUACULTURE CAGES AND BOULDERS AS HABITAT	p.19
2:15	Phillips	BEHAVIOR OF SCUP ON OYSTER AQUACULTURE CAGES AND A ROCK REEF	p.20
2:30	BREAK (30 min)		
<i>Session Chair: Isaac Reeves</i>			
3:00	Rice	GOVERNANCE OF THE AQUATIC COMMONS IN RHODE ISLAND AS A CATALYST OF AQUACULTURE GROWTH OVER THREE DECADES	p.21
3:15	Stewart Blogoslawski	ABALONE AQUACULTURE FARM IN THE REPUBLIC OF IRELAND	p.22
3:30	Cheng	ASSESSING SENTIMENT TOWARDS SEAWEED AQUACULTURE IN LOCAL MEDIA WITH INTEGRATED AI-HUMAN APPROACHES	p.23
3:45	Kim	<i>SARGASSUM HORNERI</i> EXTRACT (SHE) ENHANCES HEAT TOLERANCE IN <i>PYROPIA YEZOENSIS</i> : A SPOROPHYTE TO GAMETOPHYTE STUDY	p.24
4:00	ADJOURN		

WEDNESDAY JANUARY 15TH; MORNING

8:00-9:00	REGISTRATION AND CONTINENTAL BREAKFAST		
<i>Session Chair: Gillian Phillips</i>			
9:00	Hare	A NEW GENOMIC TOOL FOR RAPID AND INEXPENSIVE IDENTIFICATION OF THREE CRYPTIC SURFCLAM TAXA AND THEIR HYBRIDS	p.25
9:15	Munroe	TESTING THE ABILITY OF ATLANTIC SURFCLAM SUBSPECIES (<i>SPISULA SOLIDISSIMA SOLIDISSIMA</i> AND <i>S. S. SIMILIS</i>) TO HYBRIDIZE	p.26
9:30	Bernatchez	DIVERSIFYING TARGETS IN SURFCLAM AQUACULTURE: PRELIMINARY ENVIRONMENTAL DIFFERENCES	p.27
9:45	Poach	MONITORING GROWTH OF TWO GENETICALLY DISTINCT <i>SPISULA SOLIDISSIMA SOLIDISSIMA</i> POPULATIONS IN MASSACHUSETTS	p.28
10:00	Padilla	EFFECTS OF OCEAN ACIDIFICATION ON LARVAL BAY SCALLOPS, <i>ARGOPECTEN IRRADIANS</i> , WITHIN AND ACROSS GENERATIONS	p.29
10:15	Meseck	USING MULTIGENERATIONAL STUDIES TO ESTIMATE ROBUSTNESS AND ADAPTIVE POTENTIAL OF BIVALVES TO RAPIDLY CHANGING OCEAN ACIDIFICATION	p.30
10:30	BREAK (30 min)		
<i>Session Chair: Diane Kapareiko</i>			
11:00	Gordon	THE MYSTERY OF THE MINIATURE CLAMS: INVESTIGATING POOR GROWTH OF HARD CLAMS REGIONALLY IN NJ	p.31
11:15	Kachmar	ASSESSMENT OF NATURAL OYSTER POPULATION HEALTH AND DYNAMICS TO INFORM RESTORATION AND AQUACULTURE PLANNING IN LONG ISLAND SOUND	p.32
11:30	Lenderman	ENVIRONMENTAL IMPACTS AND RISK ON JUVENILE OYSTER GROWTH AND SURVIVAL IN LONG ISLAND SOUND	p.33
11:45	Rheault	MANAGEMENT OF BIRD-RELATED PATHOGEN RISK IN SHELLFISH AQUACULTURE	p.34
12:00	Wikfors	RISK MODELING FOR US WEST COAST AND BAY-SCALE SPREAD OF OYSTER HERPESVIRUS OSHV-1MVAR.	p.35
12:15	Kapareiko	CAN IN VITRO EXPOSURE OF HEMOCYTES FROM THE PACIFIC OYSTER (<i>CRASSOSTREA GIGAS</i>) TO BACTERIAL PROBIOTIC STRAIN OY15 STIMULATE IMMUNE DEFENSE FUNCTIONS SIMILAR TO THE EASTERN OYSTER (<i>CRASSOSTREA VIRGINICA</i>)?	p.36
12:30	LUNCH (75 Min)		

WEDNESDAY JANUARY 15TH; AFTERNOON

<i>Session Chair: Mark Dixon</i>			
1:45	Brennan	THE USE OF PROBIOTICS TO MITIGATE ATLANTIC SEA SCALLOP (<i>PLACOPECTEN MAGELLANICUS</i>) MORTALITY FOLLOWING CHALLENGE	p.37
2:00	Avena	A COLLABORATIVE APPROACH TO DEVELOPING HATCHERY CULTURE OF THE ATLANTIC SEA SCALLOP (<i>PLACOPECTEN MAGELLANICUS</i>)	p.38
2:15	Houston	CONDITIONING ATLANTIC SEA SCALLOP BROODSTOCK (<i>PLACOPECTEN MAGELLANICUS</i>) UNDER VARIOUS FEEDING AND TEMPERATURE	p.39
2:30	Clark	ANALYSIS OF SEA SCALLOP LARVAL DEVELOPMENT UTILIZING ELECTRON MICROSCOPY	p.40
2:45	Blackmer	ATLANTIC SEA SCALLOP IMMUNE ONTOGENY AND ITS RELEVANCE TO HATCHERY SURVIVAL RATES	p.41
3:00	Jekielek	INTEGRATING LIFE HISTORY AND ENVIRONMENTAL DNA (EDNA) TO ENHANCE DETECTION OF SEA SCALLOP (<i>PLACOPECTEN MAGELLANICUS</i>)	p.42
ADJOURN AND FAREWELL BREAK			