

SCHEDULE OVERVIEW

**40TH MILFORD AQUACULTURE SEMINAR
JANUARY 13-15TH 2020**

MONDAY JANUARY 13TH

4:00 PM: Registration opens

6:00-8:00 PM: Poster session

TUESDAY JANUARY 14TH

8:00 AM: Registration and Continental Breakfast

8:30 AM: Opening Remarks and Presentations

10:00 AM: Morning Coffee Break

10:30 AM: Presentations

12:00 PM: Buffet Lunch

1:15 PM: Presentations

3:00 PM: Afternoon Coffee Break

3:30 PM: Presentations

5:15 PM: Adjourn

WEDNESDAY JANUARY 15TH

8:00 AM: Registration and Continental Breakfast

8:30 AM: Presentations

10:00 AM: Morning Coffee Break

10:30 AM: Presentations

12:00 PM: Buffet Lunch

1:15 PM: Presentations

2:45 PM: Afternoon Coffee Break

4:30 PM: Closing Remarks

MILFORD AQUACULTURE SEMINAR: TUESDAY JANUARY 14TH

Bayer	Quantifying Nutrient Removal by Local Greenwich Oysters Through Biodeposition and Excretion Measurements
Bowden	Population Dynamics of Eastern Oysters (<i>Crassostrea virginica</i>) Between A Commercial Site and an Associated Natural Bed in The Damariscotta River Estuary, Maine
Calvo	Optimization of Field Nursery Practices for Oyster Seed Cultivation in The Delaware Bay, NJ
Deck	Diversification of Bivalve Aquaculture in The Northeast: Testing Survival and Growth of Bay Scallops in New Jersey
Fougere	Development of Increased Sample Capacity for Gen2 Environmental Sample Processor (Esp)
Given	Allelopathic Effects of Invasive Red Macroalga (<i>Grateloupia turuturu</i>) For The Mitigation of Harmful Algal Blooms
Grenier	Impact of Harmful Algae Blooms (HAB) Of <i>Alexandrium catanella</i> On the Molecular Structure and Functionality of Blue Mussels Hemocytes, <i>Mytilus edulis</i>
Jabanoski	Assessing The Role of Media On Public Perceptions of Shellfish Aquaculture in Southern New England Using Content Analysis
Jiang	LED Lighting Fixture for Algae Growing in Aquaculture
Kim	Effects of Commercial Seaweed Extracts, Ampep and Kelpak®, On Thermal Tolerance of <i>Pyropia yezoensis</i>
Li	Using Chlorophyll a as A Proxy for Phytoplankton – Practical Considerations with The Chemical Extraction Method
Lindsay	The Effects of Ocean Acidification On the Feeding Physiology of Surfclams, <i>Spisula solidissima</i>
Munroe	A Fish's-Eye-View: Shellfish Farms as Marine Habitat in New Jersey
Stiles	Continuing Genetics, Breeding and Genomics Approaches for The Mussel, <i>Mytilus edulis</i> , In Aquaculture Production and Restoration: Use of Genetic Tools for Shellfish Enhancement
Walsh	Non-Toxic Photoactive Release Coatings for Biofouling Control

MILFORD AQUACULTURE SEMINAR: TUESDAY JANUARY 14TH

8:00-8:30	REGISTRATION AND CONTINENTAL BREAKFAST	
8:30	Milke, Wikfors, Cabana, Hurlburt	Opening Remarks
8:45	Berro	With a Flick of the Wrist: When Oysters were New Haven's World
9:00	Terry	Oyster Industry: Opportunities and Risks
9:15	Carroll	The Nonesuch Journey to Farm Management
9:30	ODierno	Perceptions of Farmed Seafood in The Food-Service Community
9:45	Ciaramella	Connecting Producers to End Users Through Free Customizable Marketing Resources
10:00	BREAK (30 min)	
10:30	Ciaramella	Connecting Seafood Producers and Culinary Professionals with an Aquaculture Products and Resource Guide
10:45	Madley	Ocean Farming and The Coastal Community: A Story Map to Document Resiliency Through Diversification
11:00	Hayes	Further Development of Aquaculture and Ecosystem Approaches for Shellfish Restoration with Communities for Stakeholders Engagement and Resiliency
11:15	Madley	Evaluation of U.S. Shellfish Aquaculture Permitting Systems
11:30	Getchis	Connecticut Shellfish: Planning for Conservation, Management, Restoration
11:45	Rheault	Hatchery Certification to Simplify Interstate Transfers of Seed
12:00	LUNCH (75 min)	
1:15	Fredriksson	Measuring Wave and Current Forcing and Mooring Tension Response of an Aquaculture System of <i>Saccharina latissima</i>
1:30	Dewhurst	Engineering Analysis of Mussel Backbone Systems for Open-Ocean Sites

MILFORD AQUACULTURE SEMINAR: TUESDAY JANUARY 14TH

1:45	Maney	Offshore Longline Aquaculture Will Not Likely Adversely Affect Protected Species
2:00	Concepcion	Nurturing The Successful Growth and Maturation of a Domestic Seaweed Aquaculture Industry
2:15	Lindell	Selectively Improving Strains of Sugar Kelp <i>Saccharina latissima</i> for Food and Fuel
2:30	Hudson	Investigation of The Shelter Effects of Sugar Kelp, <i>Saccharina latissima</i> , On Pelagic Animals in Long Island Sound Kelp Farms
2:45	Doall	Diversifying New York's Marine Aquaculture Industry: Integrating Sugar Kelp into Shallow-Water Oyster Farms
3:00	BREAK (30 min)	
3:30	Liu	Epibiotic Communities On Aquacultured Sugar Kelp <i>Saccharina latissimi</i> , The Visible and The Invisible
3:45	Flimlin	Aces: A Free Online Short-Course for Seaweed and Microalgae Aquaculture
4:00	Cowperthwaite	Maine Scallop Aquaculture Development Initiative: Community Development Through International Tech-Transfer
4:15	Dixon	Measuring Sea Scallop, <i>Placopecten magellanicus</i> , Feeding and Filtration Rates to Inform Aquaculture Siting in Coastal Maine
4:30	McMahan	Expanding Oyster and Quahog Polyculture in Maine
4:45	Acquafredda	Diversification of Bivalve Aquaculture in New Jersey: New Species and Seed Lines for High-Salinity Back Bay Habitats
5:00	Xie	Correcting The Effects of Nonphotochemical Quenching On Chlorophyll a Quantification in Coastal Ecosystems
5:15	ADJOURN FOR THE DAY	
5:30	Rheault	Hatchery Certification Discussion

MILFORD AQUACULTURE SEMINAR: WEDNESDAY JANUARY 15TH

8:00-8:30	REGISTRATION AND CONTINENTAL BREAKFAST	
8:30	Trommatter	It Only Looks Complicated: A Dissection of Horn Point Oyster Hatchery's Use of an Automated Feeding System to Rear Oyster Larvae
8:45	Bottari	Cornell Cooperative Extension of Suffolk County: Shellfish Hatchery Expansion
9:00	Perry	Cornell Cooperative Extension of Suffolk County Algae Expansion Continued
9:15	Rivara	Spat-On-Shell Oyster Production For New York State's Long Island Shellfish Restoration Project
9:30	Kapareiko	Effects of A New Formulation of Probiotic Strain Oy15 in Preventing Bacteriosis in Larvae of the Eastern Oyster (<i>Crassostrea virginica</i>)
9:45	Allam	East Coast Hard Clam Selective Breeding Collaborative
10:00	BREAK (30 min)	
10:30	Pousse	Coastal Acidification Effect On the Physiology of the Eastern Oyster, <i>Crassostrea virginica</i>
10:45	Meseck	Ocean Acidification and The Eastern Oyster, <i>Crassostrea virginica</i> : Should Hatcheries Be Concerned?
11:00	McNally	Examining The Potential Effects of Ocean Acidification and Parental History On Eastern Oyster (<i>Crassostrea virginica</i>) Larvae Morphology
11:15	White	Impacts of Ocean and Coastal Acidification On Seed Oysters Reared in Upwellers, With Shell Hash as A Potential Mitigation Strategy
11:30	Solomon	The Sound School Artificial Oyster Reef Project: Habitat Restoration in New Haven Harbor Utilizing Lab Cultured Oyster Sets and Reef Balls™
11:45	Wilcox	A Comparison of Condition and Survival in The Ctenophore, <i>Mnemiopsis</i> sp., Being Cultured with Two Different Microalgae
12:00	LUNCH (75 Min)	
1:15	Wikfors	Newly-Recognized, High Calcium, Agranular Hemocytes Upregulated Following Shell Damage in Eastern Oysters
1:30	Roberts	Mechanisms of Hemocyte Apoptosis in Response to in Vivo Infection with <i>Perkinsus marinus</i> in The Eastern Oyster, <i>Crassostrea virginica</i>

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1:45	Padilla	Effects of Multiple Stressors On Survivorship and Growth in Juvenile Blue Mussels
2:00	Pales Espinosa	Regulation of Mucosal Lectins in The Oyster <i>Crassostrea virginica</i> in Response to Food Availability and Environmental Factors
2:15	Visel	Oyster (<i>Crassostrea virginica</i>) Restoration and Sulfate/Sulfide Metabolism
2:30	Whiteside	Shell Shape and Color in The Eastern Oyster (<i>Crassostrea virginica</i>)
2:45	BREAK (30 Min)	
3:15	Mercaldo-Allen	Assessing Fish Interactions with Oyster Aquaculture Cages Using Point-Of-View (GoPro) Cameras
3:30	Phillips	Use of ARIS Sonar to Assist in Viewing Oyster Aquaculture Gear
3:45	Munroe	Oyster Aquaculture Does Not Affect Spawning Beach Access for Atlantic Horseshoe Crabs, <i>Limulus Polyphemus</i>
4:00	Reitsma	Exploring Value in Potential New Products for The Shellfish Aquaculture in Massachusetts
4:15	Sadler	Breeding The Barrens Topminnow, An Endangered Freshwater <i>Fundulus</i> species, For Reintroduction
4:30	CLOSING REMARKS	