

Time	Tuesday 9/22	
9:00	<b>Conference Welcome - Margaret Barrette and Laura Hoberecht</b>	
9:15	Keynote Address, Ian Duthie, Australian Seafood Industries, Tasmania, Australia	
10:15	Larvae Without Borders: Understanding How Salinity Affects the Remote Settlement of Eastern Oyster ( <i>Crasostrea virginica</i> ) Larvae in the Mid-Atlantic, Anna Priester, University of Maryland	
10:30	<b>Break</b>	
	<b>Making the Connection, Moderator Kathleen Nisbet</b>	
10:45	Health Risks and Gastronomic Rewards of Oyster Consumption in WA State: The Raw Facts, Jack Cheney	
11:00	Marketing at Hog Island Oyster, Brenna Schlagenhauf	
11:15	New "Pearl" Oyster App, Sam Asher	
11:30	Shellfish in the Classroom, Jennifer Whipple, Nicole Gilmore	
11:45	Marine Studies Initiative, Bob Cowen, OSU/HMSC	
12:00	<b>Luncheon and Presentation/ Video on WDFW/ PBS Poaching Documentary.</b>	
	<b>Session A</b>	<b>Session B</b>
	<b>Resource User Conflicts, Permitting, and Regulatory Issues, Moderator Laura Hoberecht</b>	<b>Estuarine Habitat and Shellfish Culture Interactions, Moderator Glenn VanBlaricom</b>
2:00	Listening to our Stakeholders: How to Improve Shellfish Aquaculture Information, Bobbi Hudson	Understanding the Impact of Sea Lettuce ( <i>Ulva</i> spp.) on Pacific Oyster ( <i>Crassostrea gigas</i> ) Growth, Audrey Lamb
2:15	Permitting Assistance and Recommendations from the WA SIP Team, Laura Hoberecht and Perry Lund	Biofouling Benefits Shellfish Production, Dr. Andrew Jeffs and Hamish McDonald
2:30	Sonia Wolfma, WA Department of Ecology	What Effect Does Shellfish Cultivation Really Have on the South Puget Sound Ecosystem? Bobbi Hudson
2:45	Molluscan Aquaculture in Brazil, Carlos Gomez	Plastic Debris in the Marine Environment: How Much is Out There, Why it Matters, and What Can be Done, Henry Carson
3:00	<b>Break</b>	<b>Break</b>
	<b>TITLE TBD, Moderator Svein Wiese-Hanson</b>	<b>Crustaceans: Biology and Management, Moderator Brett Dumbauld</b>
3:15	Surf to Turf Mussel Compost: Recycling Nutrients from Budd Inlet - an Update, Aimee Christy	Where Did all the Little Things Go? A Closer Examination of Burrowing Shrimp Recruitment to Coastal Estuaries, Brett Dumbauld
3:30	Filtration Services of the Native Olympia Oyster and the Introduced Pacific oyster: Improved Resolution of Ecosystem Services, Matthew Gray	Ghosts of Shrimp Past: Toxicity of Imidacloprid to Burrowing Shrimp in the Laboratory and Implications for Oyster Culture in Willapa Bay, WA, Christian Grue
3:45	Shellfish Activities in CA, Randy Lovell	Additional Analyses of Benthic Invertebrate Data from 11 Studies Related to Applications of Imidacloprid to Control Burrowing Shrimp in Willapa Bay, Steven Booth
		<b>Marine Pathogens/ Shellfish Disease and Mortality, Moderator Carolyn Friedman</b>
4:00	Oregon Shellfish Initiative: Update and Path Forward, Kessina Lee, OR Sea Grant	Geographic Distribution and Quantification of Abalone withering syndrome along the CA Coast, Lisa Crosson
4:15	Washington State's Partnership with Shellfish Growers to Protect Natural Resources During an Oil Spill, Max Gordon, Washington Department of Ecology	Why are all the oysters dying? - Pacific Oyster Mortality Syndrome (POMS) - OSHV-1 microvariant, Ian Duthie
	<b>WA Production, Workshop (Title TBD)</b>	
4:30	Washington Shellfish Production Numbers, Julie Horowitz	De Novo Characterization of a Pinto Abalone Transcriptome and Gene Expression Analysis upon Exposure to a Disease Stressor, Sean Bennett
4:45		Shellfish Health Management and Probiotic Application, Ralph Elston

6:00	<b>Opening Night Tradeshow Reception - NSA Fundraiser</b>	
	<b>Wednesday 9/23</b>	
	<b>Session A</b>	<b>Session B</b>
	<b>Seafood Inspection/ Human Health Issues, Moderator Jerrod Davis</b>	<b>Genetics, Brood Stock Development, Moderator ?</b>
8:30	Marine Biotxin Closures in Washington State: Historic and Recent Trends, Adi Hanein	Theoretical and Realized Heritabilities of Performance Traits of Pacific Oyster Families Produced by the MBP, Chris Langdon
8:45	Small Farm Vibrio parahaemolyticus Avoidance Techniques, Andrew Suhrbier	Update on the Molluscan Broodstock Program, Chris Langdon
9:00	Lessons Learned from the First Year of Implementing a Preventative Approach to Vibrio parahaemolyticus, Clara Hard	Genetic Variation in Early and Late-Stage Larval Performance Under Ocean Acidification in Hybrid Lines of the Pacific Oyster, Daniel Gillon
		<b>Resource Assessment &amp; Management, Moderator Perry Lund</b>
9:15	Norovirus: What we can learn from the past Year and What to do to Prevent Future Outbreaks, Lawrence Sullivan	2015 Olympia Oyster, Ostrea lurida, Brooding Results from Northern Puget Sound, Jackie Dexter
9:30	Would You Like Ice With That? A Proposed Vibrio Retail Education Program, Teri King, WA Sea Grant	Preliminary Results of a 40 Year Analysis on Native Clam Population Variability in the Salish Sea, Julie Barber
9:45	NOAA Seafood Inspection Program, Eric Staiger	Monitoring and management of treaty-share bivalve resources on private tidelands - survey, harvest, and enhancement, Luke Kelly
10:00	<b>Break</b>	<b>Break</b>
10:15	<b>ISSC Proposal Review</b>	<b>Ocean Conditions: Climate Change, Ocean Chemistry, Acidification, Moderator Henry Carson</b>
		Detecting Ocean Acidification from Stable Isotope Records of Scallop Shells, Yongwen Gao et. Al.
10:30		Monitoring Risk: Ocean Conditions Influence Mussel Attachment, Laura Newcomb
10:45		Resilience of Native Olympia Oysters to Ocean Acidification and Hypoxia, Carolyn Friedman
11:00	<b>How to Produce Algae for the Shellfish Hatchery</b>	
	The Basics of Algae Culture: How to Grow Algae for Shellfish Aquaculture, Stuart Ryan, PSRF	Transgenerational Effects of Ocean Acidification on the Pacific oyster, Daniel Gillon
11:15	Shellfish Nutrition: What to Grow and What to Feed, Nate Wight	Using Large Scale Seaweed Culture as a Means to Improve Carbonate Chemistry for Sensitive Marine Organisms, Joth Davis
11:30	Q&A Algae Session	Advancing Ocean Acidification Research and Actions in Washington State and on the West Coast, Julie Horowitz
11:45		
12:00	<b>Lunch on Your Own</b>	<b>Lunch on Your Own - NSA Annual Meeting</b>
	<b>PCSGA AGM</b>	<b>Emerging Species: Rock Scallops and Sea Cukes, Moderator Joth Davis</b>
2:30		PSI Sea Cucumber Project
2:45		Investigating local adaptation in Washington State Purple Hinged Rock Scallops, Molly Jackson
3:00		Prospects for Purple Hinge Rock Scallop Cultivation on the U.S. West Coast, Joth Davis
3:15		<b>Break</b>

3:30		Assessing Population Structure and Local Adaptation of Rock Scallops to Inform Aquaculture Practice, Natalie Lowell
3:45		Development of Commercial Hatchery Production Techniques for Purple Hinged Rock Scallop, Molly Jackson
4:00		
4:30	<b>PCSGA Member Reception with Ian Duthie</b>	
6:30	<b>Grand Awards Banquet and Fun</b>	
	<b>Thursday 9/24</b>	
	<b>Session A</b>	<b>Session B</b>
	<b>Workshop:</b>	<b>Shellfish and Eelgrass: Functions, Values, and Interactions, Moderator Chris Czesla</b>
9:00	<b>The Future of West Coast Shellfish Research Bobbi Hudson, PSI</b>	Status and Trends of Eelgrass ( <i>Zostera marina</i> ) in Greater Puget Sound, Bart Christiaen
9:15		Seagrass Responses Across Disturbance Regimes, Jennifer Ruesink
9:30		Shellfish Aquaculture and Seagrass Seascapes in Coastal Estuaries, Brett Dumbauld
9:45		Eelgrass Versus the "Blob" and Other Scary Things: Sorting Out Mechanisms of Effect and Resilience, Ron Thom, Pacific Northwest National Laboratory
10:00		Eelgrass-Shellfish Aquaculture Interactions in West Coast Estuaries: Using META-Analysis to Quantify Sources of Variation in Effect Size, Letitia Conway-Cranos, NOAA
	<b>Down on the Farm, Moderator Ian Jefferds</b>	
10:15	Suquamish Tribe's New Facility, Tony Forsman	Shellfish Aquaculture and SAV: A State of Science Assessment to Inform Management, Ken Riley, NOAA
10:30	Neil Bourne/ Ken Chew Video (12 min)	Regulatory Framework (federal, state, and local permitting), Amanda Carr, Plauche and Carr
10:45	And we're doing this because...?, Daniel Hanson, H.C. Snail	Beyond Acres and Turions: Improving Metrics for Eelgrass Mitigation, Marlene Meaders, Confluence Environmental
11:00	Material Needs for Habitat Projects in Puget Sound, Brian Allen	Seeing the Meadow for the Blades - A Shellfish Growers Observations, Bill Dewey, Taylor Shellfish
11:15	Hog Island Oyster Flupsy Talk, John Finger, Terry Sawyer, Erik Schlagenhauf	<b>Break</b>
11:30	<b>Break</b>	<b>Accessible-Tech Tool/Equipment Info Exchange, Moderator Andy Suhrbier</b>
11:45	<b>DOH Workshop: Vibrio Control Plan</b>	Rope Tying, Drones, Salinity Meters, Weather Stations: ; Using Accessible-Tech Tools on Farms
12:45	ADJOURN	ADJOURN