



TH

PCSGA & NSA - PCS

ANNUAL SHELLFISH CONFERENCE & TRADESHOW

SEPTEMBER 14 - 17, 2026
SEMIAHMOO RESORT - BLAINE, WA



Welcome to the 80th Annual Shellfish Conference and Tradeshow!

Welcome to Blaine, Washington, and the Semiahmoo Resort along the beautiful shores of Drayton Harbor! We're so glad you're here as we come together as a shellfish community for our 80th Anniversary Conference.

This year, we've mixed things up. Alongside plenty of material for your cerebral side, we've built in real opportunities to forge new partnerships and deepen connections with the science, the policy, and most importantly the people who make our community unique and vibrant.

We'll kick off Monday evening with **Pearls of Wisdom** (in the Tent Pavilion) a networking event designed to spark new relationships. Tuesday morning, we'll celebrate a remarkable partnership among local residents, the state, and a determined shellfish farmer that restored Drayton Harbor — allowing us to enjoy oysters from this very bay this week. Throughout the conference, you'll hear from experts across every corner of our industry: breeding, public health, regulation, policy, education, fisheries management, and restoration.

Wednesday is the 80's Beach Party, complete with no-host dinner options, and a time to “Shuck Around and Find Out”. We'll close with our annual **Awards Banquet** on Thursday. This year, it's included in registration, so everyone can attend. Also, in order to “beat Seattle traffic”, we are ending the day at 1 pm. Please stick around on Thursday to celebrate our collective accomplishments and honor some special people.

We know markets for shellfish could be stronger, and research dollars more secure — but neither should stop us from investing in our community. That's why, starting at 3 pm on Tuesday and Wednesday, we're offering something beyond the usual conference fare: chances to hone a skill, get creative, enjoy a hobby, learn about sharks, or fish along the shore. Sign-ups are available at the registration desk.

A huge thank you to the Conference Planning Committee for putting together such an enriching few days — and to all of you, for being here to celebrate 80 wonderful years of gathering together around shellfish!

MORNING BEACH WALK WITH SANDY ZEINER

RESORT LOBBY - 6 AM
TUESDAY AND WEDNESDAY

"What on earth is that?!" If you've ever found something weird and squishy on the shoreline with zero answers online, this event is for you. Join a guided Low Tide Beach Walk through our local estuary to meet the animals and algae that call it home, ask questions, and learn how to keep beach critters safe.

WHAT TO EXPECT

- Guided walk through the intertidal zone with naturalists
- Community clean-up (trash bags provided)

WHAT TO BRING

- Waterproof boots or shoes — the flats get muddy!
- Weather-appropriate layers and rain gear
- Reusable water bottle

DOWN ON THE FARM – BIG SCREEN EDITION

SEMAIHMUO THEATER 8:00AM - 5:00PM

Be transported to one of several bays along the West Coast and meet farmers in their favorite places. No boots required.

CORK BUOY PAINTING - ART THAT TELLS A STORY

RESORT LOBBY

Our friends at Bellingham Seafest invite conference participants to paint or draw on repurposed cork buoys from retired fishing gear. Each buoy becomes a voice in the larger conversation about ocean health.



SHELLFISH CONFERENCE TIME MACHINE TRIVIA

SEMAIHMUO BALLROOM, TUESDAY 8:00PM

Lets find out exactly how much of these conferences you actually remember? Assemble your team wisely. Questions will span all aspects of shellfish including decades of conference highlights, science, and tidbits about our shellfish community. Sign up at registration table \$10/pp. Cash prize for the winning team.

VENUE INFORMATION

CONFERENCE WI-FI:

Select Guest, then Connect

SEAVIEW CAFÉ

Open Daily | 7 AM – 12 PM

PACKERS KITCHEN + BAR

Open Daily | 7 AM – 9 PM

HELP! WE WANT YOUR CONFERENCE PHOTOS!

Please help us remember this year's conference by uploading your photos to our shared Google folder!

#SHELLFISH80



FEATURED SPEAKERS



STEVE SEYMOUR & BETSY PEABODY

LEGENDS IN SHELLFISH SPEAKERS

In 2001, the Puget Sound Restoration Fund partnered with legendary shellfish farmer Geoff Menzies to launch the Drayton Harbor Community Oyster Farm, rallying businesses, tribes, volunteers, and agencies alike to find and fix pollution sources.

By 2016, over 810 acres of shellfish ground had been restored to approved for harvest status, bringing recreational, tribal, and commercial shellfish production back to the harbor for the first time in two decades.

Steve Seymour and Betsy Peabody will tell the story of how collaboration re-opened the bay to shellfish and how Drayton Harbor Oyster Co. carries that legacy today.

VIRGINIA SHAFFER

LUNCHEON SPEAKER

Part culinary adventure, part personal awakening—one woman's growing oyster obsession leads her into a coastal subculture that few outsiders ever see—and toward a life reclaimed. Virginia Shaffer is a food writer, oyster sommelier, and the founder of Lady Oyster Tours & Tastings, Maine's first oyster culinary tour company, which was globally awarded "Best Rural Culinary Heritage Experience" in 2025 by the World Food Travel Association. Virginia is the author of a new book, *Oyster Society*, released in August.

Join Virginia and Erin Murray for the **Oyster Book Club** on Tuesday and Wednesday at 3 pm to discuss her new book and other shellfish-lit.



SILENT AUCTION

AUCTION DIRECTIONS:

- Scan the QR code to access the auction site and place your bids.
- The QR code will also be displayed at the auction tables for easy access.
- Bidding closes Wednesday night.
- Winners can pick up their auction items on Thursday at the registration area during conference hours.
- Payments can be completed quickly and easily through the auction site once the auction closes.



THANK YOU TO OUR GENEROUS SPONSORS:

AWARDS LUNCHEON SPONSOR:



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& CARR LLP

SHELLFISH SISTERHOOD SPONSOR:



BEVERAGE SPONSOR:



THE SALISH SPLASH

THE COCKTAIL OF THE CONFERENCE
BROUGHT TO YOU BY OUR FRIENDS AT SEAPA

In a shaker with a handful of ice mix:
2 shots botanical gin (Hendricks)
1/2 shot Antica Formula Sweet Vermouth
1/4 Shot Angostura Bitters

Shake well until super cold.

Pour mix into glass half-filled with ice,
until glass is half full.

Top with Fever Tree Elderflower Tonic.
Finish with squeeze of a 1/4 lime.

COFFEE BREAK SPONSORS:

FLIPFARM SYSTEMS LTD

STUDENT SPONSORS:

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HOSPITALITY SUITE

JOIN US IN THE HOSPITALITY SUITE WHERE SNACKS, SIPS, AND GREAT COMPANY AWAIT!

TUESDAY & WEDNESDAY NIGHTS FROM 8 - 11 PM
IN THE DOLPHIN SUITE

GENEROUSLY HOSTED BY NORPLEX



NorPlex, Inc.

NORTHWEST PLASTIC EXTRUSION

SAVE THE DATE FOR 2027!



HILTON VANCOUVER

VANCOUVER, WASHINGTON

SEPTEMBER 12 - 16, 2027

The 81st Annual Shellfish Conference & Tradeshow will
make its way back to Hilton Vancouver in Vancouver,
Washington in 2027!

CONFERENCE AGENDA

TUESDAY - SEPTEMBER 15

8:00 AM Registration Opens

SEMAIHMUO BALLROOM

9:00 AM Conference Welcome

Margaret Pilaro (*PCSGA*), Sandy Zeiner (*NSA-PCS*), and Mary Lou Steward (*Mayor, City of Blaine*)

9:15 AM Legends in Shellfish Speaker Series

Betsy Peabody (*Puget Sound Restoration Fund*) & Steve Seymour (*Drayton Harbor Oyster Company*)

10:00 - 10:15 AM

COFFEE BREAK

10:15 AM Turning of the Tide: A Conversation About Transition, Continuity, and the Future of Shellfish

Terry Sawyer, Gary Fleener, Bill Dewey, Diani Taylor, Bob Rheault, and Chris Schillaci

10:45 AM Perspectives From “the Other Washington”

Ken Riley (*NOAA Office of Aquaculture*)

11:00 AM ISSC: Your Voice, Your Science, Your Future

Miranda Maneman (*Interstate Shellfish Sanitation Conference*)

11:15 AM Set-up for Luncheon



11:30 - 12:45 PM

LUNCHEON SPEAKER SERIES

Virginia Shaffer (Author - “Oyster Society”)

SAN JUAN BALLROOM

LITTLE SHOP OF HORRORS - SHELLFISH MORTALITY EDITION

MODERATED BY: BERNARDA CALLA AND MACKENZIE GAVERY

1:00 PM USDA-ARS Oyster Sentinel Monitoring Program 2.0 - a 2025 Update

Kara Wiggin (*University of California Davis*)

1:15 PM The Extent and Causes of Triploid Pacific Oyster Summer Mortality

Dennis Hedgecock (*Pacific Hybrid & University of Southern California*)

1:30 PM Understanding Triploid Pacific Oyster Summer Mortalities on the U.S. West Coast

Kalloway Page (*Pacific Shellfish Institute*)

1:45 PM Environmental Hardening Improves Stress Resilience in Pacific Oysters

Ariana Huffmyer (*University of Washington*)

2:00 PM Using Hormetic Effects to Inform Genomic Selection of the Pacific Oyster, *Magallana (Crassostrea) gigas*

Samuel Gurr (*Oregon State University*)

2:15 PM Future Shellf: Predictive Phenotyping for Oyster Performance

Steven Roberts (*University of Washington*)

SEMAIHMUO BALLROOM

REGULATORY RUBIK'S CUBE

MODERATED BY: TERI KING

1:00 PM Round-up: Federal and State Law/Policy Updates

Amanda Carr (*Plauché & Carr LLP*)

1:15 PM Current Federal Landscape & Regulator Engagement Strategies

Jennifer Moyer (*Plauché & Carr LLP*)

1:30 PM Exploring a Biodiversity Credit System for Oregon's Mariculture Industry: Perspectives from Growers and Metrics for Biodiversity Quantification

Alex Kaminski (*Oregon State University*)

1:45 PM Valuing Shellfish Aquaculture as Estuarine Habitat

Katie Houle (*Pacific Shellfish Institute*)

2:00 PM Predictors of the Habitat Value of Oysters – A Global Meta-analysis

Maria Garcia, Gabriel Vivas-Ackenhausen, Gaurangi Doshi, Bridget Reed, Ryoma Sanda, Vaughn Wilson, Jennifer Ruesink (*University of Washington*)

TUESDAY - SEPTEMBER 15

SAN JUAN BALLROOM

- 2:30 PM** **Is Family Variation in Glycogen and Metabolic Rate Predictive of future Performance in Pacific Oysters?**
Louis Plough (*USDA ARS Pacific Shellfish Research Unit*)
- 2:45 PM** **Forecasting Farm Success: Evaluating the Predictive Value of Low and High-Cost Screening Tools for East and West US Oyster Breeding Centers**
Anna Lee (*Oregon State University*)

TUESDAY AFTERNOON ENRICHMENT

OYSTER BOOK CLUB - 3 PM - SEMIAHMOO BALLROOM
WATERCOLOR POSTCARDS* - 4 PM - VICTORIA
OYSTER DECOUPAGE - 5 PM - VICTORIA
GROWER MEDIA TRAINING* (1 HR EACH) - 3-6 PM
SAN JUAN BALLROOM
FERNDAL HIGH SCHOOL AQUACULTURE LAB FIELD TRIP
3:30-5:30 PM - MEET IN LOBBY
SCHLEY GOLF SCRAMBLE* - LOOMIS TRAILS GOLF CLUB - 3-6PM
SELF-LED: CRUISER BIKES - WALKING TRAIL - DOCKSIDE FISHING

SEMIAHMOO BALLROOM

BALANCING PORT DEVELOPMENT WITH SHELLFISH BIOSECURITY

MODERATED BY: RANDY LOVELL AND KEVIN MARQUEZ

- 2:15 PM to 3:00 PM** An introductory discussion focused on the potential impacts of a heavy lift marine terminal on shellfish hatchery and grow-out production in Humboldt Bay. Speakers include Randy Lovell (*CDFW*), Justin Mojonner (*Hog Island Oyster Co.*), Todd Van Herpe (*Humboldt Bay Oyster Co.*), and Tanner Etherton (*Schatz Center/CA Sea Grant*).

- 3 to 6 PM** **CHOOSE YOUR OWN ADVENTURE**
Select from enrichment activities (left); items with asterisks require sign-up (at registration desk).
- 6 to 7 PM** **SHELLFISH SISTERHOOD HAPPY HOUR**
Semiahmoo Ballroom
- 7 to 8 PM** **TRADESHOW RECEPTION**
Tent Pavilion
- 8 PM to ?** **SHELLFISH CONFERENCE TIME MACHINE TRIVIA**
Semiahmoo Ballroom

9:00 - 11:00 PM

HOSPITALITY SUITE HOSTED BY NORPLEX - DOLPHIN SUITE

WEDNESDAY - SEPTEMBER 16

7:00 AM to 8:00 AM **ISSC Informational Session - Victoria Room - Breakfast limited to the first 30 attendees**

SAN JUAN BALLROOM

JAWS 3-D: FISHERIES MANAGEMENT IN THE THIRD DIMENSION

MODERATED BY: COURTNEY HART

- 8:15 AM** **Reuse to Restore: Piloting Shell Recycling in Washington State**
Jodie Toft (*Puget Sound Restoration Fund*)
- 8:30 AM** **Shellfish Aquaculture and Submerged Aquatic Vegetation (Part 3 - Seagrasses of the US): Report on NOAA Technical Memo**
Jennifer Ruesink (*University of Washington*)
- 8:45 AM** **Can Eelgrass Communities Offer Resilience Against a Green Crab Invasion?**
Ron Coleman (*Washington Department of Natural Resources*)
- 9:00 AM** **Environmental stress and hybridization in Bering Sea crabs (*Chionoecetes* spp.)**
Laura Spencer (*UW & NOAA AFSC Affiliate*)

SEMIAHMOO BALLROOM

JUST SAY KNOW: THE LATEST IN SHELLFISH PUBLIC HEALTH

MODERATED BY: JUSTIN STANG

- 8:15 AM** **"Not Nearly as Boring as I had Feared" – Commercial Shellfish Training Updates**
Tracie S. Barry (*Washington Department of Health*)
- 8:30 AM** **Bivalves Under the Rainbows: 15 years of Shellfish in Hawaii**
Amanda R.K. Lowrey, Ph.D. (*Hawaii Department of Health - Food Safety Branch*)
- 8:45 AM** **Norovirus Contamination in Marine Waters: Implications for Shellfish Harvesting - Part 1**
Beth Lorence (*Washington Department of Health*)
- 9:00 AM** **Norovirus Contamination in Marine Waters: Implications for Shellfish Harvesting - Part 2**
Scott Chernoff (*Washington Department of Health*)

WEDNESDAY - SEPTEMBER 16

SAN JUAN BALLROOM

- 9:15 AM** **Plastic Microfiber and Leachate Exposures to Instar Dungeness Crabs**
Katherine Lasdin (*University of Washington*)
- 9:30 AM** **The State of the Shrimp: Ongoing and Future Research Informing Spot Prawn (*Pandalus platyceros*) Co-management in Puget Sound**
Courtney Hart (*Port Gamble S'Klallam Tribe*)
- 9:45 AM** **Stakeholder Perspectives on the Adoption of Redclaw Crayfish (*Cherax quadricarinatus*) by the California Aquaculture Industry**
Sandamali Lokuhitige & Dr. Jackson Gross (*UC Davis Aquaculture Cooperative Extension*)
- 10:00 AM** **Backpacking Bivalves: Can Basket Cockles Help Restore Eelgrass Meadows?**
⚡ (5 min)
Jodie Toft (*Puget Sound Restoration Fund*)

10:05 - 10:30 AM

COFFEE BREAK

SAN JUAN BALLROOM

RIDING THE NEW WAVE OF OCEAN CONDITIONS

MODERATED BY: SANDY ZEINER

- 10:30 AM** **Providing Ocean and Coastal Data Access for Pacific Northwest Shellfish Growers with the NANOOS Visualization System**
Rachel Wold (*UW Applied Physics Lab, NANOOS*)
- 10:45 AM** **An Investigation of OA Sensitivity in Puget Sound Littleneck Clam (*Leukoma staminea*) Larvae and Adults**
Mackenzie Gaverty (*NOAA Fisheries - Northwest Fisheries Science Center*)
- 11:00 AM** **Effects of Rising Ocean Temperature on Growth and Toxicogenicity of *Protoceratium reticulatum*, a Yessotoxin-producing Dinoflagellate**
Megan Schulz (*Northwest Indian College, University of Washington*)
- 11:15 AM** **Assessing Pacific Oyster Responses to Different Alkalinity Sources for Ocean Alkalinity Enhancement**
Alaina Houser (*Oregon State University*)
- 11:30 AM** **Impacts of a Novel Climate Solution, Ocean Alkalinity Enhancement (OAE), on Pacific and Olympia Oysters**
Jaycee Williford, Amirah Casey (*University of Washington*)

SEMAIHMUO BALLROOM

- 9:15 AM** **Blind Spots in Toxin Monitoring: Freshwater Cyanotoxins in Marine Species of the Salish Sea**
Misty Peacock (*Northwest Indian College*)
- 9:30 AM** **Implementing Receptor Binding Assay at WA Public Health Lab**
Jeff Lahti & Alex Moseley (*WA DOH Public Health Lab*)
- 9:45 AM** **Implementing Cost-Effective Imaging Flow Cytometry for Monitoring Harmful Algal Blooms in Morro Bay**
Nicholas Soares (*Cal Poly San Luis Obispo*)
- 10:00 AM** **Imaging Infection: Using Fluorescent Microscopy to Track Heat-induced Vibrio Infection in Pacific Oysters**
⚡ (5 min)
Parker K. Lund (*University of British Columbia*)

SEMAIHMUO BALLROOM

WHERE EVERYONE KNOWS YOUR NAME: BUILDING SOCIAL LICENSE

MODERATED BY: CELIA BARROSO

- 10:30 AM** **Public Perceptions of Aquaculture on the US West Coast**
Alex Marquardt (*Oregon Sea Grant*)
- 10:45 AM** **Marine Economy & Research Institute for Sustainability, MERIS**
Steve Seymour (*Drayton Harbor Oyster Company*)
- 11:00 AM** **The Evolving Story of a Small 3rd Generation Family Shellfish Farm**
Fagergren Crew (*Calm Cove Oyster Co.*)
- 11:15 AM** **Shaped by Shellfish: Using Oral Histories to Tell the Stories of Coastal Washington's Working Waters**
Kaitlyn Kowaleski (*Washington Sea Grant*)
- 11:30 AM** **Shell-ebrate! Bivalve Education for K-12 Classrooms**
Maya Pelletier (*Maine Aquaculture Innovation Center*)

WEDNESDAY - SEPTEMBER 16

SAN JUAN BALLROOM

- 11:45 PM Environmental influences over Pacific Oyster (*Crassostrea gigas*) Growth and Tissue Chemistry in Novel Alaska Growing Regions**
Jordan Hollarsmith (*NOAA Fisheries Alaska Fisheries Science Center*)
- 12:00 PM Ploidy-Dependent Response of Glycogen Concentration in Pacific Oysters (*Crassostrea gigas*) to Multiple Environmental Stressors**
Emily Betz (*University of Washington*)
- 12:15 PM Fighting Ocean Acidification with Electricity**
⚡ (5 min) Faith Qin (*Stanford University*)

SEMIAHMOO BALLROOM

- 11:45 PM We Should All Be Making Earrings**
Emily Wilder (*Salinity Seafood & More*)
- 12:00 PM Highlights from Visiting NZ Shellfish Farms, Hatcheries, Fab Shops and an Aquaculture Conference-- with a Group of US Shellfish Farmers!**
Bobbi Hudson (*Pacific Shellfish Institute*)
- 12:15 PM Electricity from Tides to Power Shellfish Operations**
⚡ (5 min) Ruth Branch (*Pacific Northwest National Laboratory*)

12:30 to 1:45 PM BUFFET LUNCH SERVED INSIDE SEMIAHMOO BALLROOM

Attendees are welcome to dine in the Ballroom, or take their lunch to one of the following concurrent sessions:

- **NSA LUNCH & BUSINESS MEETING IN VICTORIA ROOM**
- **O.H.! – (ONLY HATCHERY!) IN STARS ROOM**

SAN JUAN BALLROOM

ASK THE ARS - THE PACIFIC SHELLFISH RESEARCH UNIT OFFICE HOUR

MODERATED BY: NEIL THOMPSON

- 1:45 PM to 3:00 PM** PSRU scientists and the ARS Aquaculture National Program Leader, Caird Rexroad will provide updates on the latest research and developments of the unit. Learn about ongoing disease, HAB, field survival and ecology studies of the PSRU.

There will also be a 30-minute panel discussion for stakeholders to voice their opinions and have questions answered.

WEDNESDAY AFTERNOON ENRICHMENT

FISHING TOURNAMENT* - 3-5 PM

OYSTER BOOK CLUB - 3 PM - SEMIAHMOO BALLROOM

SHARK MOMS ON THE MOVE WITH OSU BIG FISH LAB'S

DR. SULIKOWSKI - 4 PM - SAN JUAN BALLROOM

PHYTOPLANKTON 101 WITH TERI - 5 PM - SAN JUAN BALLROOM

PICKLEBALL OPEN PLAY - 3-5 PM - GYM

SELF-LED: CRUISER BIKES - WALKING TRAIL - DOCKSIDE FISHING

SEMIAHMOO BALLROOM

BACK TO THE FUTURE - TECHNOLOGY ADVANCES IN SHELLFISH

MODERATED BY: CHRIS DAVIS & JOTH DAVIS

- 1:45 PM 2026 S3AM Technology Update**
Allen Pattillo (*University of Maryland*)
- 2:00 PM The Pulse of an Estuary: Using Bivalve Biosensors to Monitor Environmental Conditions**
Bailey McKernan, Luke Miller (PI) (*San Diego State University, Coastal and Marine Institute*)
- 2:15 PM Using Farm-Based Sensors to Assess Growing Conditions for Shellfish Aquaculture**
Joth Davis (*Baywater Shellfish Company*)
- 2:30 PM Applications of Underwater Videography and Side Scan Imaging Technology on the Farm**
Chris Davis (*Maine Aquaculture Innovation Center*)
- 2:45 PM From Precision Agriculture to Precision Aquaculture: Applying Data-Driven Lessons from Land-Based Farming to Shellfish Operations**
Gabriel Torres (*Azulytics*)

3:00 - 6:00 PM

CHOOSE YOUR OWN ADVENTURE

Select from enrichment activities (above). Items with asterisks require sign-up.

6:30 - 9:00 PM

80'S THEMED BEACH PARTY & NSA FUNDRAISER

No-host taco pop-up and Bill Walton's Shuck Around and Find Out

8:00 - 10:00 PM

HOSPITALITY SUITE HOSTED BY NORPLEX - DOLPHIN SUITE

THURSDAY - SEPTEMBER 17

VICTORIA ROOM

BALANCING PORT DEVELOPMENT WITH BIOSECURITY - SESSION 2

MODERATED BY: KEVIN JOHNSON AND TANNER ETHERTON

- 8:00 AM to 9:00 AM** **Unifying Grower Concerns and Engagement Strategies Regarding Biosecurity Amidst Port Development**
The West Coast seed supply may be impacted from proposed development in Humboldt Bay. Discuss what actions can be taken to minimize those impacts and inform decision makers. Billy Plauché (*Plauché and Carr, LLC*), Colleen Burge (*CDFW*), and Humboldt Bay Shellfish Growers will add perspectives during this interactive session.

SAN JUAN BALLROOM

PACIFIC COAST SHELLFISH BREEDING: THE LATEST IN GENETIC SELECTION PROGRAMS IN THE WESTERN U.S.

MODERATED BY: LOUIS PLOUGH

- 8:00 AM to 9:00 AM** This workshop will present the current status of breeding enterprises on the Pacific Coast and provide attendees an opportunity to ask questions to a panel of breeders. Hear from shellfish breeders on current projects, animal availability and future plans. A 30-minute panel Q+A will end the session providing conference attendees an opportunity to engage all shellfish breeders simultaneously.

Panelists include:

Melissa DellaTore and Francis Pan (*Pacific Hybreed*)

Benoit Eudeline (*Taylor Shellfish*)

Henry Fleener and Neil Thompson (*USDA ARS Pacific Shellfish Research Unit*)

9:00 AM 15 MINUTE BREAK

MIX TAPE: THE GENETICS FOR BETTER BREEDING

MODERATED BY: COLLEEN BURGE

- 9:15 AM** **Intergenerational Responses of Pacific Oysters to Ocean Acidification and Warming: Farm Site Results**
MacKenna Hailey (*Oregon State University*)
- 9:30 AM** **Environmental Effects on Pacific Oyster Genetic Combining Ability**
Francis Pan (*Pacific Hybreed, Inc.*)
- 9:45 AM** **Development of a Pacific Oyster Research Hatchery in Alaska: Infrastructure Updates and Initial Rearing Results**
Spencer Lunda (*University of Alaska Fairbanks*)
- 10:00 AM** **Linking Gene Expression to Attachment Strength in Marine Mussels Exposed to Environmental Stressors**
Matthew George (*University of Washington*)
- 10:15 AM** **Paired Farm Trials and Laboratory Experiments of Eastern and Pacific Oysters in Two California Estuaries**
Monique DeMalteris (*Cal Poly San Luis Obispo*)

SEMAIHMUO BALLROOM

WHO YA GONNA CALL? IPM STRATEGIES

MODERATED BY: DEREK KING

- 8:00 AM** **Potential Targets in Burrowing Shrimp Biology for Pest Control**
Emma Guerrini Romano (*University of Washington*)
- 8:15 AM** **Probiotic Strategies to Mitigate Bacterial-Induced Mortalities of Pacific Oyster Larvae: Insights from Hatchery Trials**
Candice Thorstenson (*Oregon State University*)
- 8:30 AM** **Evaluating Recent Shifts in Long-term Trajectories of Burrowing Shrimp Populations and their Distribution Across a Broad Tide Flat in Willapa Bay, Washington**
Brett Dumbauld (*USDA ARS Pacific Shellfish Research Unit*)
- 8:45 AM** **The Japanese Oyster Drill Challenge: Effects of a Student-driven Predator Removal Project in Little Skookum Inlet**
Timothy B. Smith (*Pioneer School District 402*)
- 9:00 AM** ⚡ (5 min) **Oyster Size and Drill Density Influence Olympia Oyster Mortality Under Japanese Oyster Drill Predation**
Catherine Brenner (*University of Washington*)

9:05 AM 10 MINUTE BREAK

WORKING 9-5

MODERATED BY: MARGO REVEIL

- 9:15 AM** **Public Relations and Crisis Communication for Aquaculture**
Maria Smithson (*National Aquaculture Association*)
- 9:30 AM** **Shellfish Farming, is it for You?**
Russell Grice (*Auburn University Shellfish Lab - Mississippi Alabama Sea Grant Consortium*)
- 9:45 AM** **Legal Strategies: Preparing for and Responding to Farm Closures**
Samuel W. (Billy) Plauché (*Plauché and Carr LLP*)
- 10:00 AM** **So Shuckable: Defining 'Shuckability' of Oysters**
William C. Walton (*Virginia Institute of Marine Science*)

SAN JUAN BALLROOM

MIX TAPE: THE GENETICS FOR BETTER BREEDING

MODERATED BY: COLLEEN BURGE

10:30 AM Enveloping Tools to Advance Alternatives to
Triploidy in Oysters

Lauren Vandepas (*University of Washington*)

10:45 AM Results from Selection Experiments
Using OsHV-1 Microvariant (San Diego Bay)
Exposure in Laboratory Trials for Improving
Survival in a Pacific Oyster Breeding Population.

Neil Thompson & Henry Fleener (*USDA ARS Pacific
Shellfish Research Unit*)

SEMAIHMUO BALLROOM

WORKING 9-5

MODERATED BY: MARGO REVEIL

10:15 AM The Alaska Oyster Voyage: Charting a Course for
Shellfish Consumers in the Last Frontier
James Crimp (*Alaska Sea Grant*)

10:30 AM Bridging the Labor Gap: Navigating the H-2A Visa
(30 min) Program

Ryan Ogburn (*Visa Services Director - Worker and
Farmer Labor Association*)

11:00 - 1:00 PM

GRAND AWARDS LUNCHEON - SEMIAHMUO BALLROOM

TRADESHOW VENDORS

Alaska Packaging Inc

Bivalve Hatchery Health Consortium

California Sea Grant

Continental Western Corporation

Flipfarm Systems Ltd

Formutech Inc.

Green Wave Robotics

Ketcham Supply Co Inc

LFS Industrial Netting

Marine Economy & Research Institute for Sustainability (MERIS)

Mativ INC.

Norplex Inc.

Northwest Association of Networked Ocean Observing Systems (NANOOS)

Pacific Hybreed

Pure Biomass Inc.

SEAPA

Seattle Marine & Fishing Supply Co.

Taylor Shellfish Farms

Worker and Farmer Labor Association (WAFLA)

Whatcom Working Waterfront Foundation

POST-CONFERENCE EVALUATION



Painting by Jamie Wright