7:45        Registration
Auditorium

8:30        Welcome
Shelby Walker, Oregon Sea Grant
Marion Rossi
OSU College of Liberal Arts
Auditorium

8:45        Keynote
‘The Ecosystem of Innovation Addressing Coastal Issues’
Rick Spinrad
NOAA, OSU (retired)
Auditorium

8:50        Break

9:30        Coastal Snapshots
Auditorium
Updates on issues, challenges, or opportunities related to coastal Oregon

1. Green Crabs  Sylvia Yamada, OSU
2. The Oregon Coast Through a Federal Legislative Lens  Courtney Flathers, Office of U.S. Senator Jeff Merkley
3. Why Don’t We Eat Local Seafood?  Jennifer Burns Bright, food writer
4. Student Artist at Sea on the Pacific Storm  Abi Losli, Independent Artist
5. Pyrosomes- What are We Seeing this Year?  Hilarie Sorensen, UO
6. Seafood Traceability and Availability  Gil Sylvia, OSU

11:30       Poster and Art Session
Auditorium

12:00       Lunch

2:30        Break

1:30        Concurrent Breakout Session #1
Choose one from the following:

Auditorium

1. Innovations in Coastal Governance:
   Members of Oregon’s Coastal Caucus (Senator Roblan and Representatives Brock Smith, Boone, Gomberg, and McKeown) are joined by Lincoln County Commissioner (Terry Thompson) and our Keynote Speaker (Rick Spinrad) to discuss the importance of creativity and vision when working to balance local and non-local needs for Oregon’s coastal communities.

Room 1

2. Innovations in Ocean Condition Forecasting: Predicting ocean conditions is challenging and important for personal, public, and business decisions. It requires ocean observation and data assimilation (Craig Risien, OSU), interpretation and reporting (Sven Nelaimischkies, NWS), and, ultimately, putting forecasts to use to improve commercial fishing (Bob Kemp, local fisherman) and recreational activities (Charlie Plybon, local surfer).

Room 2

Networking Space

Room 3-4

3. The Creative Coast: How do we teach student artists to engage with coastal communities? Situate their learning in coastal communities! Come see and hear from the faculty and students involved in this year’s Creative Coast experiences at Cape Perpetua. With Michael Boonstra, Amy Gibson, Hunter Keller, Andy Myers, Paris Gabrielle Myers, Charles Robinson and Jazzmyn Smith.

Room 5

4. Innovations in Seafood: What’s best: fresh or frozen, and why? The answer might surprise you. Come learn about the latest science in the fresh vs. frozen debate from Tyson Rasor (Ecotrust), Keith Cox (Seafood Analytics) and Ann Colonna (OSU Food Innovation Center).
Concurrent Breakout Session #2 
Choose one from the following:

1. Managing the Estuary for Everyone: Estuaries are critically important yet often misunderstood places in the coastal landscape. Whether the topic is growing oysters (Brett Dumbauld, USDA), planning for estuary use (Jill Rolph, Coos County), green crabs (Sylvia Yamada, OSU), or assessing the impacts of regulations (Lori Steele, WCSPA), this panel will expose you to innovative approaches to managing Oregon’s estuaries.

2. Innovation in Marine Mammal Observation: Leigh Torres is a marine mammal ecologist at OSU. Little did she know going into this line of work that she’d get so excited to develop systems to observe and track whales when they poop. Come find out why.

3. Innovation in Gear and Technology: The ocean is a beautiful and harsh environment, and working in it requires constant preparation and adaptation. Sara Skamsar (Foulweather Trawl), Chris Dewey (Maritime Archeological Society), Walt Waldorf (OSU), and Alex Rash and Gatlin Andrews (Newport High School’s MATE ROV team) will share the creativity and planning needed to design and successfully deploy gear and technology in the water.

4. Innovative seafood products and approaches: For this year’s cooking demo, come listen, watch, and engage with local chef Jon “JT” Trusty and Kaety Jacobson (Oregon Sea Grant) as they share how to buy and prepare Oregon seafood (albacore and pink shrimp).

Capnote and Awards 
Auditorium

Reception and Raffle 
Rooms 3-4

Complete an informative and fun day by celebrating with the artist award winners and the student poster award winners. Enjoy some relaxed time visiting with participants and presenters alike; maybe you’ll even leave with a great raffle prize. And, of course, there’ll be tasty food and a no-host bar to share and enjoy!

Many thanks to the 2017 Planning Committee:
Jan Hodder OIMB
Charlie Plybon Surfrider Foundation
Fran Recht Pacific States Marine Fisheries Commison
Charles Robinson OSU / Arts Engagement
Bob Kemp Fisherman
Kelly Sutherland UO
Caren Braby ODFW
Jessica Kuonen OSU Grad Student
Scott Heppell OSU
Clare Hansen OCCC Aquarist Program
Brett Dumbauld USDA
Renee O’Neill SMILE
Elise Granick PSU
Terry Thompson Fisherman & Lincoln County Commissioner

#ORStateoftheCoast
2017 Featured Artists & Student Poster Presenters

Featured Artists

Abi Losli, Independent Artist
Samm Newton, OSU
Tara Pierce, OSU
Amy Isler Gibson, OSU
Jazzmin Smith, OSU
Kei Lin Chang, OSU
Morgan Kollen, OSU
Paris Gabriella Myers, OSU

Student Poster Presenters

1: Alexandra Avila - OSU
   Just Going with the Flow: How Ocean Currents Influences the Dispersal of Larval Rockfish (Genus Sebastes spp.) from Marine Protected Areas in OR and WA

2: Brita Baechler - PSU
   Microplastics in our Food? Providing a Baseline of Microplastic Concentrations in Oregon’s Commercially and Recreationally Important Pacific Oysters and Pacific Razor Clams

3: Ian Black - OSU
   Utilizing an Open Source CTD as a Tool for Ocean Education and Research Cooperation

4: Tori Bohlen - OSU
   Seeking pathways for Olympia oyster restoration through partnerships with producers

5: Lorne Curran - OSU
   Yelloweye Rockfish: evaluating the potential for genetic population structure on the US West Coast

6: Sandra Dorning - UO
   Pre-settlement swimming behavior and substrate selection by Pacific Sea Nettle (Chrysaora fuscescens) planula larvae

7: Amy Ehrhart - PSU
   Testing the waters: Investigating effects of wastewater contaminants on a commercially harvested bivalve

8: Brian Erickson - OSU
   Is teaching students about ocean acidification enough to inspire action?

9: Margaret Exton - OSU
   Fluid-soil interaction in a geotechnical centrifuge

10: Cassie Finer - OSU
    Dike removal and salt marsh restoration for fish habitat: Estimating the effects on coastal land markets

11: Reva Gillman - OSU
    Species transported on Japanese tsunami marine debris: How have they travelled prior to tsunami debris?

12: Hannah Gossner - OSU
    Adaptation of Local Shellfish to Ocean Acidification and Hypoxia

13: Trevor Grandy - OSU
    Saving Darlingtonia: Pumping, pollution, public participation and perceived impacts to a carnivorous pitcher plant, Darlingtonia State Natural Site, Florence, Oregon

14: Katlyn Haven - OSU
    Abundance, distribution, and habitat usage of young-of-the-year groundfish assemblages in soft-sediment habitats along the central Oregon Coast

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<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>15:</td>
<td>Evaluating nutrient enrichment and food web effects in upwelling-influenced eelgrass (Zostera marina L.) systems</td>
<td>Jennifer Hayduk - OSU</td>
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<tr>
<td>16:</td>
<td>Impacts of Microplastic on Reproductive Development in Pacific mole crabs on the Oregon coast.</td>
<td>Dorthy Horn - PSU</td>
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<tr>
<td>17:</td>
<td>Assessing Shifting Efforts in Oregon's Nearshore Fisheries</td>
<td>Bryn Hudson - PSU</td>
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<td>18:</td>
<td>Seasonal variation in an Oregon population of the colonial tunicate Didemnum vexillum</td>
<td>Zofia Knorek - UO</td>
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<td>19:</td>
<td>From science to application: Supporting the implementation of short-term operational ocean condition forecasts for public use</td>
<td>Jessica Kuonen - OSU</td>
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<td>20:</td>
<td>Recruitment, Growth, Fecundity, and Mortality of Olympia Oysters (Ostrea lurida): A Comparison between a Commercial Mariculture Operation and Different Restoration Techniques in Yaquina Bay, OR</td>
<td>Karen Law - OSU</td>
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<td>21:</td>
<td>Examining the genomic diversity among Dungeness crab (Cancer magister) recruits along the Oregon coast</td>
<td>Elizabeth Lee - OSU</td>
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<td>22:</td>
<td>Bacteriophages significantly reduce larval oyster mortality caused by Vibrio coralliilyticus infection</td>
<td>David Madison - OSU</td>
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<td>23:</td>
<td>State of the Estuary: Changes to water quality and pH following eelgrass die-off in South Slough National Estuarine Research Reserve</td>
<td>Caitlin Magel - OSU</td>
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<td>24:</td>
<td>Shelf-estuary coupling: A case study of the Coos Bay estuary in southern Oregon</td>
<td>Maria Jose Marin Jarrin - UO</td>
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<td>25:</td>
<td>Determining the effectiveness of educational tools and products used by natural resource management agencies: A case study of the Oregon State Marine Board</td>
<td>Peter Morrow - OSU</td>
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<td>26:</td>
<td>Comparing fish and crab use of the aquaculture/eelgrass (Zostera marina) boundary for two different methods of Pacific oyster (Crassostrea gigas) aquaculture</td>
<td>Kelly Muething - OSU</td>
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<td>27:</td>
<td>Anchors Aweigh: Assessing the seafood, wave energy, subsea groundwater nexus using GIS</td>
<td>Aubrey Myers - OSU</td>
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<td>28:</td>
<td>Developing a Sustainable Barnacle Fishery</td>
<td>Alexa Romersa - UO</td>
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<td>29:</td>
<td>Overcoming academic boundaries: Are interdisciplinary approaches between natural and social sciences more effective conservation?</td>
<td>Risako Sakai - OSU</td>
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<td>30:</td>
<td>The importance and use of Oregon estuaries by juvenile rockfishes</td>
<td>Brittany Schwatzkopf - OSU</td>
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<td>31:</td>
<td>Exploring Biophysical Linkages Between Forestry Practices and Oregon's Freshwater and Estuarine Bivalves</td>
<td>Kaegan Scully-Engelmeyer - PSU</td>
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<td>32:</td>
<td>What is the “worth” of the deep sea to the public?</td>
<td>Sarah Seabrook - OSU</td>
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<td>33:</td>
<td>Monitoring of Landslides and Erosion on the Oregon Coast</td>
<td>Andrew Senogles - OSU</td>
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<td>34:</td>
<td>Old(er) men of the sea: Examining potential connections between fishery and graying.</td>
<td>Astrea Strawn - OSU</td>
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<td>35:</td>
<td>Crew dynamics and safety in commercial fishing</td>
<td>Hayley Strenke - OSU</td>
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<tr>
<td>36:</td>
<td>A risk-based vector screening protocol applied to invasive species and ballast water management in Oregon</td>
<td>Danielle Verna - PSU</td>
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Brought to you by Oregon Sea Grant, STATE OF THE COAST is a coastal conference where everybody from scientists to industries to citizens can learn, network, and engage in the current and future state of Oregon’s marine environment.