



STATE OF THE COAST

October 29, 2016 • Gleneden Beach

8:00Registration, Coffee, Snacks
Terrace/ Salal

9:00**Welcome**
Shelby Walker,
Oregon Sea Grant Director
David Gomberg
OR House District 10
Terry Thompson
Lincoln County Commissioner

9:15 to
10:00**Keynote**
Long
House
On Assignment with Oregon Field
Guide - **Michael Bendixen**
Oregon Public Broadcasting

10:00 to
10:20**Break, Snacks**

10:20 to**Coastal Snapshots**
Long
House
Updates on issues, challenges, or
opportunities related to coastal Oregon

11:40
Long
House

- 1. Blue Carbon: What it is and what we are learning about it** Craig Cornu, Institute for Applied Ecology
- 2. The Next Big Wave in Oregon: Ocean Energy Testing?** Dan Hellin, Northwest National Marine Renewable Energy Center
- 3. Year of the Kraken: Market squid fishery in Oregon 2016** Laura Anderson, Local Ocean & Caren Braby, OR Dept. of Fish and Wildlife
- 4. Initiatives and Legislative Updates** Shelby Walker, OR Sea Grant
- 5. Oregon's Waves: Both Beauty and Beast** Tuba Ozkan-Haller, Oregon State University
- 6. Oregon's Beach Bill Turns 50!** Laurel Hillmann, OR Parks and Recreation Dept. & Marcus Hinz, OR Coast Visitors Association
- 7. The Blob, El Nino, and Oregon's Marine Environment** - Ric Brodeur, National Oceanic and Atmospheric Administration
- 8. OSU's Marine Studies Initiative** - Bob Cowen, Oregon State University

11:40 to
12:30
Lincoln/
Pine/ Sitka**Student Poster Session and Art Exhibit**

12:30 to**Lunch and Networking**
1:15
Long House

1:30 to**Concurrent Breakout Session #1:**
2:30
Choose one from the following:

Council
House A

1. Ocean's Chemical Changes- Understanding Harmful Algal Blooms: This session provides an opportunity to get the real story with harmful algal blooms from Angel White, Oregon State University, the monitoring efforts associated with HABs from Steve Rumrill, OR Dept. of fish and Wildlife, and the marine biotoxins and public health implications of HABs from Alex Manderson, OR Dept. of Agriculture.

Council
House B

2. Planning for the Growing Use of the Coast: More and more people are enjoying Oregon's coast, and this diverse panel of presenters will share innovative planning practices, including Lincoln City's "String of Pearls"(Alison Robertson, Lincoln City Urban Renewal), spreading use out across the seasons (Marcus Hinz, OR Coast Visitors Association), and crafting a master plan for Oregon's parks in Lincoln County (Ian Matthews, OR Dept. of Parks and Recreation). Matt Spangler, Dept. of Land Conservation and Development, will moderate.

Council
House C

3. Addressing the abstract through the lens of art and science: Catch a peek into the research of an artist and a scientist, Amanda Salov and Kyle Asfahl, as they share the connections they have found, and their shared influence of the ocean. Presentations and discussions will include ceramic installation art, porcelain constructions, social evolution, and cell-cell signaling in microorganisms. Please bring your curiosity.

Cedar
Tree

4. Ocean Food - Boat to Throat: Get up close and personal with Oregon seafood. Participants will learn how to select seafood with advice from Laura Anderson of Local Ocean, and Chef Doug Kohn will demonstrate cooking seafood with simple ingredients you have at home. And of course... taste the results!

2:30 to 3:00 Break

3:00 to 4:00 pm **Concurrent Breakout Session #2**
Choose one from the following:

Council House A

1. Coastal Development in an Era of Sea Level Rise: Where are the appropriate locations to “grow” in coastal communities? Learn why Sea Level Rise should be incorporated into hazard planning in Oregon’s coastal communities. Meg Gardner and Julie Sepanik, Dept. of Land Conservation and Development, and Fran Recht, Pacific States Marine Fisheries Commission, will engage participants in a dialogue about the potential impacts of SLR to Oregon’s coastal communities. Andy Lanier, Dept. of Land Conservation and Development, will moderate.

Council House B

2. Coastal and Marine Ecosystem Service: Elise Granek and Amy Ehrhart, Portland State University, will lead an interactive discussion about coastal ecosystem services research, data needs, and networking among researchers, citizen scientists and coastal and marine decision makers. The goal of this session is to facilitate collaboration and initiate a long-term network for individuals to engage in future collaboration.

Council House C

3. Monitoring Ocean Change: Local to Global Scale: Participants will “explore” the myriad places and ways scientists and engaged citizens are monitoring changes in the marine environment.

Station 1. Local, estuarine: Bree Yednock, South Slough National Estuarine Research Reserve

Station 2. Local, coastal waters: Lisa Phipps, Tillamook Estuaries Partnership

Station 3. Statewide Coastal waters: Silke Bachuber and Heather Fulton-Bennett, Oregon State University

Station 4. Statewide, Regional waters: Scott Marion, OR. Dept. of Fish and Wildlife

Station 5. National Ocean Observing Systems: Craig Risien, Oregon State University

Station 6. Global ocean change: Caren Braby, OR Dept. of Fish and Wildlife

Gallery Room (Upstairs)

4:15 to 5:00 pm
Cedar Tree

4. Our Future Marine Professionals:

The coast, like many rural places, is experiencing youth outmigration, small and underfunded education districts, and changes to existing and new industries. Tracy Crews and Renee O’Neill, Oregon State University, and a panel of local teachers and high school students will discuss the role of students, teachers, programs, workforce development, and innovative approaches to engage youth in marine science, industry, and issues in their communities.

Reception and Student Poster Awards and Artist Recognition

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!

Tweet us @

#ORStateoftheCoast16

Many thanks to the 2016 Planning Committee:

Laura Anderson Local Ocean
Caren Braby ODFW
Larissa Clark OSU student
Sabra Comet PSU student
Brett Dumbauld USDA
Nancy Fitzpatrick Oregon Albacore and Salmon Commissions
David Gomberg Oregon State Representative District 10, Coastal Caucus
Cait Goodwin Oregon Coast STEM Hub
Elise Granick PSU
Scott Heppell OSU
Laurel Hillman Oregon Parks and Recreation Dept.
Jan Hodder UO-OIMB
Bob Kemp Fisherman
Graham Klag Salmon Drift Creek Watershed Council
Renee O’Neill SMILE
Charlie Plybon Surfrider Foundation
Fran Recht Pacific States Marine Fisheries Commission
Charles Robinson OSU / Arts
Terry Thompson Fisherman & Lincoln County Commissioner

2016 Student Poster Presenters & Featured Artists

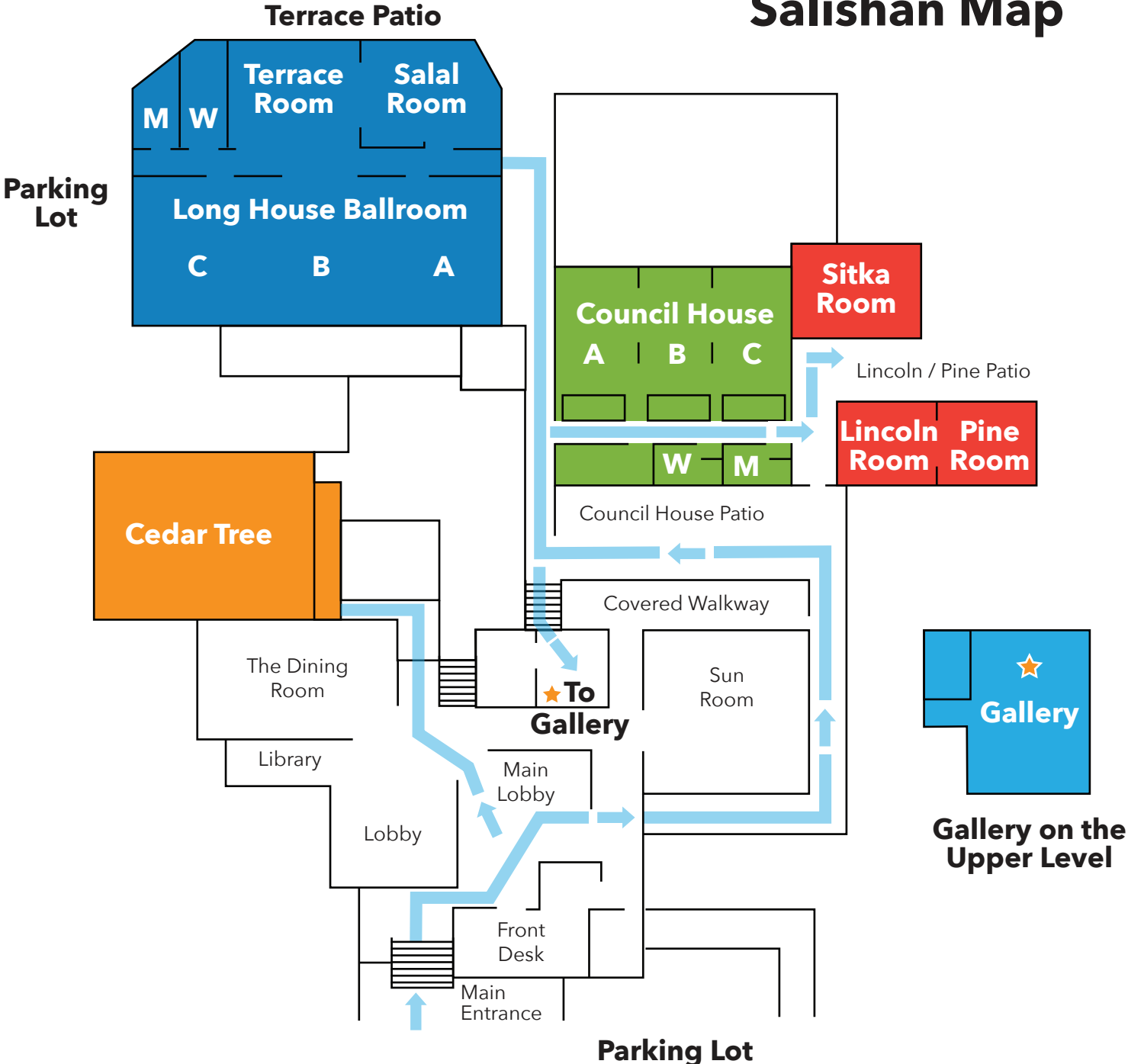
Featured Artists: **Brandon Sahlfeld** OSU Art Student • **Madelaine Corbin** OSU Art Student

Abigail Losli Independent Artist • **Amanda Salov** Independent Artist • **Kyle Asfahl** OSU Microbiology Student

Student Poster Presenters:

- 1: Brian Ahlers** *Seafood Traceability in the Pacific Northwest: An Industry's Perspective*
- 2: Alexandra Avila** *Just Going with the Flow: Oceanographic Influences on the Dispersal of Larval Rockfish (Genus *Sebastes* spp.) from Marine Protected Areas in OR and WA*
- 3: Ian Black** *Using Open Source Hardware to Engage Future Oceanographers*
- 4: Deanna Caracciolo** *Anyone out there? Commercial fishing: the next generation*
- 5: Kei Lin Chang** *The Importance and Impact of Ocean Quiz Competitions*
- 6: Larissa Clarke** *An Examination of the Use of Seascape Scale Habitats Including Oyster Aquaculture and *Zostera marina* by Fish and Crab in Pacific Northwest Estuaries*
- 7: Sabra Comet** *Informing Oregon's Marine Protected Area (MPA) Baseline: Past and Present Tribal Uses of Marine Resources*
- 8: Marco Corrales** *Many mouths to feed: "By-the-Wind Sailor" feeding selectivity in the northern California Current*
- 9: Brian Erickson** *Developing an Understanding of Ocean Acidification Through Hands-On Curriculum*
- 10: Janan Evans-Wilent** *Decisions... decisions... decisions... a collaborative approach for coastal hazard planning with stakeholders in Tillamook County, OR and Grays Harbor County, WA*
- 11: Courtney Flathers** *Getting Older? Commercial Fishing & Community Resilience on the Oregon Coast*
- 12: Yuan Gao** *Hazard Avoidance and Spatial Planning of Offshore Wind Energy in Jiangsu Province, China*
- 13: Reva Gillman** *Life history and environmental requirement analyses of Japanese tsunami marine debris (JTMD) biota*
- 14: Hannah Gossner** *Adaptation of Local Shellfish Species to Ocean Acidification*
- 15: MacKenna Hainey** *Bursal Ventilation as a Means of Respiration in *Gorgonocephalus eucnemis**
- 16: Katlyn Haven** *Analysis of habitat features and abundance of young-of-the-year fishes off of the central Oregon coast*
- 17: Christine Johnson** *Leveraging Low Impact Development at the Local Level*
- 18: Brittany Koenker** *Growth, condition, and survival of larval Alaskan cod species in a warming ocean*
- 19: Jessica Kuonen** *Eye of the beholder: Exploring perspectives of ocean risk and uncertainty to improve data accessibility*
- 20: Eleanor Lamont** *Swimming kinematics of the thoracican cyprids of *Balanus glandula**
- 21: Karen Law** *Restoring Native *Olympia* Oysters in Yaquina Bay: Is it possible?*
- 22: Todd Lemein** *Effects of Vegetation and Elevation on Sediment Accretion Rates in Tillamook Bay, OR*
- 23: Leila Lemos** *Hormonal and health variability in Northeastern Pacific gray whales (*Eschrichtius robustus*)*
- 24: Stephanie Loreda** *Temporal variability in three-dimensional habitat-use of common murrelets (*Uria aalge*) off Oregon*
- 25: Paul Manson** *Marine Reserves for All of Oregon: Statewide Survey of Social Values, Attitudes, and Opinions*
- 26: Peter Morrow** *Online Enforcement Officer Training to Advance Waterway Education and Safety*
- 27: Kelly Muething** *The Value of Spatial Data for Evaluating Shellfish Aquaculture as Habitat in Pacific Estuaries*
- 28: Brittany Schwartzkopf** *Examining trophic interactions of juvenile fishes in Oregon's estuaries*
- 29: Daniel Shelby** *Surfing and Tsunami Safety on The Oregon Coast*

Salishan Map



Long House
 Registration &
 Morning Sessions
 (8am-11:40am)
 Lunch (12:30-1:15)

Sitka/Lincoln/Pine
 Student Posters
 & Art Exhibit
 (11:40-12:30)

Council House
 Break-out sessions
 (1:30-2:30 &
 3:00-4:00)

Cedar Tree
 Break-out session
 (1:30-2:30)
 Reception
 (4:00-5:15)

Gallery
 Break-out session
 (3:00-4:00)



STATEOFTHECOAST.COM

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.