

**Alderbrook Resort and Spa
Union, WA**

AGENDA 23rd Conference for Shellfish Growers

March 7, 2016

- 8:00 a.m. Registration
8:55 a.m. Welcome
9:00 a.m. Recent Warming of the Waters of the Pacific Northwest in a Climate Context.
Nick Bond, University of Washington
10:00 a.m. *Alexandrium* cyst distribution in the surface sediments of Hood Canal – January 2016.
Cheryl Greengrove and Julie Masura, University of Washington Tacoma
10:30 a.m. Break
11:00 a.m. Washington State Shellfish Import and Transfer Permits,
Philippa Kohn, Washington State Department of Fish and Wildlife
11:30 a.m. Puget Sound Forage Fish Surveys.
Phill Dionne, Washington State Department of Fish and Wildlife
Noon Lunch
1:00 p.m. Life History and Ecology of Burrowing Shrimp in the Pacific Northwest.
Brett Dumbauld, US Department of Agriculture
1:30 p.m. A Bioenergetics Approach to Estimating Green Sturgeon Consumption Requirements in Willapa Bay, WA.
Josh Borin, University of Washington
2:00 p.m. Intertidal Ghost shrimp in Puget Sound: Enough for Gray Whales and a Sustainable Commercial Harvest?
Casey Pruitt, Washington Department of Natural Resources
2:30 p.m. Break
3:00 p.m. Burrowing Shrimp Control in Willapa Bay – What Does and Doesn't Work, and Why.
Kim Patten, Washington State University
3:30 p.m. How Sensitive are Burrowing Shrimp to Imidacloprid?
Laboratory for Fish and Wildlife Toxicology, University of Washington
4:00 p.m. Dead or Alive? Factors Governing the Toxicity of Imidacloprid to Burrowing Shrimp.
Laboratory for Fish and Wildlife Toxicology, University of Washington
4:30 p.m. Discussion Research Needs.
5:00 p.m. Adjourn for the Day.
5:30 p.m. Reception

March 8, 2016

- 7:30 a.m. Breakfast
8:30 a.m. State Rules for Shoreline Master Programs: An Opportunity for Your Input.
Cedar Bouta, Washington State Department of Ecology

- 9:00 a.m. Shellfish Aquaculture in Washington State: An Overview of Washington Sea Grant's report.
Bridget Ferriss, University of Washington
- 9:30 a.m. Patterns in the Economic Contribution of Shellfish Aquaculture.
Kevin Decker, Washington Sea Grant
- 10:00 a.m. Break
- 10:30 a.m. Realistic Ocean Modeling and Application to Shellfish Issues.
Parker MacCready, University of Washington
- 11:00 a.m. Evaluating Trophic and Non-Trophic Effects of Shellfish Aquaculture in a Coastal Estuarine Food Web.
Bridget Ferriss, University of Washington
- 11:30 a.m. Ecological Carrying Capacity and the Influence of Shellfish Culture in South Puget Sound.
Bobbi Hudson, Pacific Shellfish Institute
- Noon Adjourn