



Oregon State University
Hatfield

2018 HMSC REU Summer Intern Marine Research Symposium

Thursday, August 23rd, 2018
9:30 AM – 12:00 PM and 2:00 – 3:30 PM
Hennings Auditorium in the HMSC Visitor Center



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- 9:30 Welcome**
- 9:35 Mackenzie Wong** **University of California, San Diego**
Mentors: John Chapman, OSU Fisheries & Wildlife and Brett Dumbauld, USDA-ARS
*Can the blue mud shrimp *Upogebia pugettensis* be strategic or are they only lucky?*
- 9:50 Tabitha (Tabi) Kaup** **Tacoma Community College**
Mentors: John Chapman, OSU Fisheries & Wildlife and Brett Dumbauld, USDA-ARS
*Are *Upogebia pugettensis* what they eat?*
- 10:05 Cora Bobo-Shishler** **Oregon State University**
Mentors: John Chapman, OSU Fisheries & Wildlife & Bob Dziak, NOAA PMEL
*How much do *Upogebia pugettensis* eat and what could it be?*
- 10:20 Charles Leal** **Oregon State University**
Mentors: Jennifer Fisher, OSU CIMRS, Kim Bernard, OSU CEOAS and Ric Brodeur, NOAA NFS
Carbon Contributions of Pyrosomes to Carbon Flux in the Northern California Current
- 10:35 Jessica O'Loughlin** **Oregon State University**
Mentor: Kim Bernard, OSU CEOAS
*Implications of *Pyrosoma atlanticum* grazing on phytoplankton standing stocks in the Northern California Current*
- 10:50 Anika Agrawal** **University of California, Davis**
Mentor: Susanne Brander, OSU Environmental and Molecular Toxicology
*Microplastics: What a pain in the gut, a pilot study on the ingestion of microplastics by rockfish (*Sebastes melanops*)*
- 11:05 Jon Luntzel** **University of Washington**
Mentor: Daniel Palacios, OSU Marine Mammal Institute
Error Characterization of Large Whale Telemetry
- 11:20 Taylor Machette** **Princeton University**
Mentor: Daniel Palacios, OSU Marine Mammal Institute
Dispersal and Residency Patterns of Eastern North Pacific Blue Whales at Coastal Tagging Sites
- 11:35 Kelly Lizewski** **University of New Mexico**
Mentors: Scott Baker, Ellie Bors, Debbie Dietrich, OSU MMI
Endangered and Entangled: Using DNA profiles for assignment of humpback whales from California feeding grounds to Distinct Population Segments

- 11:50 Kaimyn O'Neill** **Colby College**
 Mentors: Scott Baker, Ellie Bors, Debbie Dietrich, OSU MMI
Candidate genes and Primer Design for a Beluga Whale Epigenetic Clock
- 12:05 Lunch Break – Dining Hall – Group Photo with Mentors**
- 2:05 Aliona Megedyuk** **University of Hawaii at Hilo**
 Mentor: Su Sponaugle, OSU Integrative Biology
*Temporal variation in recruitment & condition of cabezon (*Scorpaenichthys marmoratus*) along the Oregon Coast*
- 2:20 Margaret (Meg) Ziemba** **University of South Carolina**
 Mentor: Chris Langdon and Matt Hawkyard, OSU Fisheries & Wildlife
*Can Oysters Taste?: Amino Acid Chemosensory in Pacific Oyster (*Crassostrea gigas*) Feeding Selection*
- 2:35 Tara Pierce** **Oregon State University**
 Mentor: Mark Farley, HMSC
Artist-in-Residence
- 2:50 Jake Pinkus** **University of Vermont**
 Mentors: Chuck Toombs, Chris Langdon, Shixiao Yu, OSU Business and Fisheries & Wildlife
*Market characteristic of four cultivars of *Devaleraea mollis**
- 3:05 Sophie Perron** **University of Minnesota-Twin Cities**
 Mentor: Will White, OSU Fisheries & Wildlife and COMES
Comparing Alternative Metrics of Metapopulation 'Patch Value' to Identify Effective Marine Protected Area Design Strategies
- 3:20 Closing Remarks – Group Photo**

For the live broadcast via Adobe Connect: <http://oregonstate.adobeconnect.com/talks/>