



Oregon State University
Hatfield

2019 HMSC Summer Intern Marine Research Symposium

Thursday, August 22nd, 2019
9:30 AM – 12:00 PM and 2:00 – 3:40 PM
Hennings Auditorium in the HMSC Visitor Center



Oregon State University
Hatfield

- 9:30** Welcome to the summer MSI and REU intern presentations at HMSC
- 9:35** *RED ROCK CRAB ARE NATIVE CRAB: ADDRESSING MISINFORMATION AMONG RECREATIONAL CRABBERS*
Bailey Burk (MSI) - Education, Policy & Communication
Oregon State University - Microbiology
Mentor: Liz Perotti and Mitch Vance (Oregon Department of Fish and Wildlife Shellfish Program)
- 9:50** *DEEP CORE*
Griffin Thoms (MSI) – Engineering
Oregon State University – Mechanical Engineering
Mentors: John Chapman (OSU Fisheries & Wildlife), John Parmigiani (OSU Mechanical Engineering)
- 10:05** *A SENSE OF PLACE*
Amir Ahmad (MSI) – Science Filmmaking
Oregon State University - Bioresource Research option in Sustainable Ecosystem
Mentor: Saskia Madlener (Oregon State Productions)
- 10:20** *AN ARTISTIC JOURNEY: MY MYSTICAL SUMMER AT HMSC*
Shoshana McClarence (MSI) – Artist-in-Residence
Oregon State University - Interdisciplinary Studies
Mentors: Kerry Skarbakka (OSU School of Arts and Communications), Mary Markland (Guin Library), Itchung Cheung (OSU Integrative Biology)
- 10:35** *EVALUATING THE ONLINE PRESENCE AND PRICING OF GUIDED TOUR OPERATORS ON THE OREGON COAST*
Alec Youngblood (MSI) - Tourism
Oregon State University – Fisheries and Wildlife
Mentor: Miles Phillips (Oregon Sea Grant & OSU Extension)
- 10:50** *MYSTERIES OF PACIFIC LAMPREY FEEDING HABITS IN MARINE WATERS*
Annabella Aguirre (UROC-REU) – Marine Science
California State University Monterey Bay
Mentors: Louise Copeman (OSU College of Earth, Ocean and Atmospheric Sciences), Laurie Weitkamp (NOAA Northwest Fisheries Science Center)
- 11:05** *DEVELOPMENT OF SEX MARKERS FOR ROCKFISHES, SEBASTES, INHABITING THE NORTHEAST PACIFIC OCEAN*
Hannah Aycock (REU) – Marine Science
University of South Carolina
Mentors: Felix Vaux and Kathleen O'Malley (OSU Coastal Oregon Marine Experiment Station)

- 11:20 *DUNGENESS CRAB ZOEA DISTRIBUTIONS IN THE NORTHERN CALIFORNIA CURRENT***
Andrew Chin (REU) - Aquatic and Fishery Sciences
University of Washington
Mentor: Su Sponaugle and Kelsey Swieca (OSU Integrative Biology)
- 11:35 *WHALE WATCHING FROM SPACE: USING REMOTELY SENSED DATA TO STUDY THE ECOLOGY OF BLUE WHALES IN THE SOUTH TARANAKI BIGHT***
Christina Garvey (REU) – Environmental Science and Policy
University of Maryland College Park
Mentors: Leigh Torres and Dawn Barlow (OSU Marine Mammal Institute)
- 11:50 *MARINE MAMMAL VOCALIZATIONS IN THE SOUTHERN OCEAN***
Miriam Hauer-Jensen (REU) – Organismal Biology
Scripps College
Mentors: Bob Dziak (NOAA Pacific Marine Environmental Lab), Joe Haxel and Angie Sremba (Cooperative Institute for Marine Resource Studies)
- 12:05 Lunch Break (Interns and Mentors) – Dining Hall – Group Photo with Mentors**
- 2:05 *MICROPLASTIC DISTRIBUTION AND ABUNDANCE IN MUSSELS ALONG THE CALIFORNIA AND OREGON COASTS***
Inez Mangino (REU) – Biological Sciences
University of California Santa Barbara
Mentor: Susanne Brander (OSU Department of Environmental and Molecular Toxicology)
- 2:20 *QUALIFYING MATING PRACTICES IN OREGON SALMON HATCHERIES***
Alexander Antonio Marino (REU) – Marine Biology
Florida International University
Mentors: Heather Auld and Michael Banks (OSU Fisheries & Wildlife and Cooperative Institute for Marine Resource Studies)
- 2:35 *IMPACT OF PROPHYLACTIC BACTERIOPHAGE ADDITION ON SURVIVAL OF CRASSOSTREA GIGAS LARVAE***
Sarah Schmidt (REU) - Biology
Carthage College
Mentors: Chris Langdon and David Madison (OSU Fisheries & Wildlife and OSU Coastal Oregon Marine Experiment Station)
- 2:50 *JUVENILE OYSTERS RAISED ON NON-LIVING MICROPARTICULATE DIETS***
Katie Spencer (REU) - Fisheries and Wildlife
Oregon State University
Mentors: Chris Langdon and Matt Hawkyard (OSU Fisheries & Wildlife and OSU Coastal Oregon Marine Experiment Station)

3:05 TEMPERATURE EFFECTS ON YELLOWFIN SOLE (*LIMANDA ASPERA*) EGG AND LARVAL DEVELOPMENT, GROWTH AND SURVIVAL

Stacey Vogel (REU) – Natural Resource Conservation

University of Massachusetts-Amherst

Mentor: Tom Hurst (NOAA Alaska Fisheries Science Center)

3:20 ESTIMATING HARVEST RATES TO ASSESS THE EFFICACY OF MARINE RESERVES IN THE SANTA BARBARA CHANNEL ISLANDS

Mark Yamane (REU) – Marine Science, Computer Science

Eckerd College

Mentor: Will White (OSU Fisheries & Wildlife and OSU Coastal Oregon Marine Experiment Station)

3:35 Closing Remarks – Group Photo

Not present:

Mia Arvizu (MSI) – Whale Research

Oregon State University – Environmental Science

Mentors: Leigh Torres and Dawn Barlow (OSU Marine Mammal Institute)

Amanda Komasinski (REU) – Ecology Evolution and Environmental Biology

Purdue University West Lafayette

Mentors: Konstantin Divlov and Michael Banks (OSU Fisheries & Wildlife and Cooperative Institute for Marine Resource Studies)

Barbara Saucedo (REU) – Marine Microbiology

San Diego City College

Mentor: John Chapman (OSU Fisheries & Wildlife)

Becky Smoak (REU) - Wildlife Ecology and Conservation

Washington State University

Mentor: Maria Kavanaugh (OSU College of Earth, Ocean and Atmospheric Sciences)

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