

**LEARNING ABOUT WHERE WE LIVE:
RESEARCH EXPERIENCE, TECHNOLOGY IN THE FIELD & A DAY ON THE BAY
OIMB, June 15th-17th, 2009**

Monday, June 15th: RESEARCH EXPERIENCE, begin in Dining Hall

- 8:15 Coffee, tea, muffins in the **Dining Hall**
- 8:30-9:30 Introduction to Workshop, sign up for credit and other logistics, Trish
 Make sack lunches
 Research Project descriptions and sign-up
- 9:30-2:00 Field and Lab Research, **various locations**, take sack lunches

Go “Behind Anemone Lines” with Heather Austin
Summer Lovin’ with Katie Bennett
Where’s the sea spider? with Zair Burris
Boats, Crabs, & Worms: A Day on the Bay with Paul Dunn
Marine Worm Larvae – Molecules, Body Shapes and
Evolution of Ribbon Worms with Laurel Hiebert
Gumboot Chiton Size and Distribution with Josh Lord
It's a Small World After All: Small Scale Predators and Prey
with Myndee McNeill
Wave-Borne Debris: Intertidal Missiles with Erin Morgan

Afternoon sessions in the **Boathouse Auditorium**

- 2:00-3:30 Research Presentations, teachers
- 3:30-3:45 Break and snacks
- 3:45-4:30 Class research project presentations, Myndee and Katie
 Life on neighboring docks and Hobo demonstration, Katie

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Tuesday, June 16th: TECHNOLOGY IN THE FIELD, begin in Boathouse Auditorium

- 8:15 Coffee, tea, muffins in the **Boathouse Auditorium**
- 8:30 -9:15 Rocky Intertidal--the ecology of desiccation and exposure, Alan
 Introduce Field Equipment, Alan
- 9:15-10:00 Student lesson, Testable Questions, Erin and Laurel
- 10:00-10:10 Break
- 10:10-10:40 Identify research questions & research plans, divide into groups
- 10:45 Make sack lunches in **Dining Hall**
- 11:00-1:00 Field work, **South Cove**, take sack lunches
 Thermometers
 Digital cameras
 Infrared sensor
 Hydrometers
 Oxygen meters
 Salinometers
- 1:00-1:30 Return to Lab, Clean up
- 1:30-3:30 Work up data, **OIMB library and elsewhere**
 Snacks available in **Dining Hall**
- 3:30-4:30 Research Presentations, **Dining Hall**
 Brainstorm student research projects

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Wednesday, June 17th: A DAY ON THE BAY, begin in Boathouse Auditorium

- 8:15 Coffee, tea, muffins in **Boathouse Auditorium**
- 8:30-8:55 Wave energy, Josh
- 8:55-9:20 LNG background, Heather
- 9:20-9:45 Oyster farming and native oyster restoration, Laurel and Erin
- 9:45-10:00 Break
- 10:00-10:30 ODFW Shellfish Surveys, Stacy Galleher
- 10:30-11:00 International Port of Coos Bay, Jeff Bishop
- 11:15-11:45 Lunch in **Dining Hall**
- 12:00-2:00 Tour of Bay on the **Betty Kay** – Jan, Katie, Paul, Trish
 Plankton-- tows and Brock scopes
 Water sampling -- Niskin bottles, thermometers and refractometers
 Crab traps
- 2:30-3:00 Light Trap off **small boat basin dock**, Alan
- 3:00-3:15 back to the **Dining Hall** for snacks and afternoon session
- 3:15-4:00 Dungeness Crab Recruitment, Alan
- 4:00 Evaluation
- 4:15 Adjourn