

COSEE PACIFIC PARTNERSHIPS

- **Principal Investigator:** Jan Hodder, University of Oregon's Institute of Marine Biology
- **Location:** COSEE PP is based at the University of Oregon's Institute of Marine Biology in Charleston, Oregon.
- **Website:** www.coseepacificpartnerships.org/
- **Collaborators/Partners:** University of Oregon's Institute of Marine Biology; Oregon State University's Hatfield Marine Science Center; Western Washington University's Shannon Point Marine Center; Humboldt State University Marine Laboratory; University of Hawaii's Kewalo Marine Laboratory; Oregon Coast Community College; Oregon Coast Aquarium; South Slough National Estuarine Research Reserve
- **Co-Principal Investigators and Key Project Partners:** Shawn Rowe, co-PI, Oregon Sea Grant Extension, Hatfield Marine Science Center; George Boehlert, co-PI, Hatfield Marine Science Center; Kerry Carlin-Morgan, co-PI, Oregon Coast Aquarium; Jane Hodgkins, co-PI, Oregon Coast Community College; Paul Dinnel, Shannon Point Marine Center; David Hankin, Humboldt State University Marine Laboratory; Michael Hadfield, Kewalo Marine Laboratory



Mission: To help the COSEE network reach community college audiences and professional and volunteer informal science educators by:

- Increasing the role of marine laboratory scientists in education and outreach
- Increasing educational and professional development opportunities for community college faculty, which in turn will increase the ocean literacy and career potential of community college students
- Increasing educational and professional development opportunities in ocean literacy for informal science educational professionals and volunteers

What We Do: Marine laboratories are traditionally places that, by their nature, foster a diverse community of ocean learners. COSEE PP draws on that community to integrate marine research and education for faculty and students at community colleges and for staff and volunteers at informal science education institutions. We develop partnerships that enhance educational opportunities, provide professional development opportunities, disseminate knowledge about the ocean, and formalize models that can be applied elsewhere.



Who We Are: COSEE PP is a collaboration between researchers at Pacific marine laboratories in Oregon, Washington, California, and Hawaii and educators at community colleges and informal science education institutions in their regions.

Audience: Scientists; community college faculty, students, and advisors; and informal science education professionals and volunteers.

Date Established: Fall 2007

Why We Were Established: COSEE PP was established to enhance ocean sciences education for two audiences that historically have been underserved by the ocean sciences community. Through our partnerships, we are increasing opportunities in marine science for faculty and students at community colleges and providing opportunities in ocean literacy and communication for staff and volunteers at informal science education institutions.

History: During our first year, COSEE PP focused on engaging our community college and informal science education partners to help guide our plans to develop several of the Center's programs.

What We Offer...

COSEE PP develops programs that promote ocean literacy and marine science education for:

Community Colleges

- Professional development and curriculum support to integrate ocean research into courses
- Promoting Research Investigations in the Marine Environment (PRIME) provides internships for students to develop research and outreach skills
- Workshops to increase advisors' knowledge of pathways to continued education and careers in marine sciences

Informal Science Educators

- The Coastal Master Naturalist Program teaches participants about Oregon's coastal ecoregion, develops an ability to convey this knowledge to diverse audiences, and promotes stewardship of coastal and ocean resources
- Professional development opportunities for informal marine science education professionals and volunteers

Marine Lab Scientists

- Workshops for researchers to learn best practices for communicating ocean science

- Opportunities to engage with the public through ISEI activities and with community college audiences
- Identifying mechanisms by which ISEIs can incorporate contemporary research results into their programming

Example Offerings...

- Workshops: Communications for Ocean Scientists, Institutes for Community College Faculty, NWBIO Meeting field experiences
- Internships & Scholarships: Promoting Research Investigations in the Marine Environment (PRIME), Coastal Biology at OIMB

With 12 Centers and a Central Coordinating Office located throughout the United States, each Center is a consortium of one or more ocean science research institutions, informal science education organizations, and formal education entities. The COSEE program is funded primarily by the National Science Foundation with support from the National Oceanic and Atmospheric Administration.



- ① COSEE Ocean Learning Communities
Washington
- ② COSEE Pacific Partnerships
Oregon, Washington, California, Hawaii
- ③ COSEE California
California, Hawaii, Virginia
- ④ COSEE West
California, Colorado
- ⑤ COSEE Great Lakes
Illinois, Wisconsin, Michigan, Ohio,
New York, Pennsylvania, Minnesota
- ⑥ COSEE Ocean Systems
Maine, New Hampshire
- ⑦ COSEE New England
Massachusetts
- ⑧ COSEE Central Coordinating Office
Rhode Island, Maine, Massachusetts
- ⑨ COSEE Networked Ocean World
New Jersey, Massachusetts, Virginia, New York, California
- ⑩ COSEE Coastal Trends
Maryland, Delaware, Virginia
- ⑪ COSEE Southeast
North Carolina, South Carolina, Georgia
- ⑫ COSEE Central Gulf of Mexico
Mississippi, Alabama, Florida, Louisiana, Texas
- ⑬ COSEE Alaska
Alaska

Ocean Literacy provides an understanding of the ocean's influence on you and your influence on the ocean.