

Prince William Sound Science Center

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Principal Investigators and Project List as of April 2011

Richard Thorne, Ph.D., Senior Scientist & Director of Acoustics Research rthorne@pwssc.org x226

- **PWS Herring Survey: Assessment of Juvenile Herring Abundance**, support by Exxon Valdez Oil Spill Trustee Council

Mary Anne Bishop, Ph.D., Research Ecologist mbishop@pwssc.org x228

- **PWS Herring Survey: Seasonal and Interannual Trends in Seabird Predation**, support by Exxon Valdez Oil Spill Trustee Council
- **PWS Herring Survey: Top-Down regulation by predatory fish**, support by Exxon Valdez Oil Spill Trustee Council
- **Body Condition of Marbled Murrelets: Consequences for Overwinter Survival During a Period of Collapsed Herring Stocks**, support by North Pacific Research Board
- **Tracking movements of Lingcod *Ophiodon elongates* in Prince William Sound using Acoustic Tags and Arrays: Expanding PWSSC Partnerships, Infrastructure and Capacity**, support by Pacific Ocean Shelf Tracking Project (POST) and the PWS Oil Spill Recovery Institute
- **Survey of Caspian Tern Colony on Copper River Delta**, support by US Fish and Wildlife Service
- **Montague Island: A Crucial stopover for Surfbirds & Black Turnstones**, support by ADF&G and PWS OSRI (pending)
- **Mapping critical Alaska stopover habitat for shorebird species associated with rocky shorelines**, support by Pacific Coast Joint Ventures

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- **PWS Herring Survey: Pacific Herring Energetic Recruitment Factors**, supported by the Exxon Valdez Oil Spill Trustee Council
- **Salmon derived nutrients**, support by the Exxon Valdez Oil Spill Trustee Council

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- **PWS Herring Survey: Plankton and Oceanographic Observations**, support by the Exxon Valdez Oil Spill Trustee Council
- **Socioeconomic Review and Synthesis on Prince William Sound**, support by PWS Oil Spill Recovery Institute
- **Nearshore Moorings**, support by the Alaska Ocean Observing System
- **Comparison of long-term estimates of fecundity of *Euphausia pacifica* from the Gulf of Alaska and the northern California Current**, support by North Pacific Research Board
- **Impacts of climate change and melting glaciers on coastal ecosystems in the nearshore waters of the Gulf of Alaska**, support by U.S. Geological Survey

Mark Halverson, Ph.D., Physical Oceanographer mhalverson@pwssc.org

- **Observational Oceanography in Prince William Sound**, support by the Oil Spill Recovery Institute

Shelton M. Gay, M.S., Marine Technician/Oceanographer smg3ak@gmail.com

- **PWS Herring Survey: Nursery habitats of juvenile Pacific Herring**, support by the EVOS Trustee Council

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- **PWS Herring Survey: Community Involvement, Outreach, Logistics and Synthesis**, support by the EVOS Trustee Council

Prince William Sound Observing System (PWS Observing System) www.aos.org

The Prince William Sound Science Center is also overseeing implementation of the **Prince William Sound Observing System** (PWSOS and also called PWSOOS), a pilot project of the Alaska Ocean Observing System. The observing systems aim to create a system of integrated observations that provide easily accessible data about the past, current and future states (physical, chemical and biological) of Alaska's oceans and coastal marine waters and resources. The PWSOS is primarily supported by NOAA, AOS and the Oil Spill Recovery Institute.

EDUCATION PROGRAM STAFF

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Education program administration, summer education programs, Discovery Room, National Ocean Science Bowl

Alice Dou-Wang, Education Specialist adouwang@pwssc.org x237

Summer education programs, Discovery Room, National Ocean Science Bowl

Allen Marquette, Community Education Coordinator allen@pwssc.org 429-4444

Community Education, Field Notes radio program, Binocular Astronomy radio program, Invasive species monitoring

Erica Thompson, Education Program Specialist ethompson@pwssc.org x238

Education programs are supported by Prince William Sound Oil Spill Recovery Institute, EPA, North Pacific Research Board, Copper River Watershed Project, BP, JiJi Foundation, National Fish & Wildlife Foundation, ConocoPhillips, private businesses & other grants

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