



**Oregon State**  
**University**

**Coastal Oregon Marine Experiment Station**

2030 SE Marine Science Drive  
Newport, Oregon 97365

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**Position/Title:** Research Associate (Post-Doc): Pacific Oyster Response to Ocean Acidification and herpes virus threats

**Agency/State:** Oregon State University

**Responsibilities:** Research Associate (Post Doc) holds a leadership role in a larger research team made up of researchers from Oregon State University (OSU) and the Agriculture Research Service-United States Department of Agriculture (USDA – ARS) involved in cooperative research to improve commercially important traits of farmed Pacific oysters on the US West Coast through the application of quantitative and molecular selection (MAS) methods.

Specific objectives are to participate in the design, execution and data analysis of experiments to: 1) develop resistant stocks to new microvariant strains of oyster herpes virus (OsHV-1  $\mu$ var) that pose a threat to the US West Coast oyster industry, 2) develop stocks that are resilient to hypoxic, acidified seawater (OA), 3) develop high-yielding stocks as part of Oregon State University's shellfish breeding program, the Molluscan Broodstock Program (MBP). Quantitative analysis of data will include application of mixed animal models e.g. AIREMLF90, ASReML.

The incumbent is expected to engage in innovative research, produce scholarly publications and other products, as well as participate in outreach to the West Coast shellfish industry. The position is located at the Hatfield Marine Science Center (HMSC), Newport, OR.

**Required Qualifications:**

- PhD in genetics or related discipline
- Experience in applying quantitative and/or molecular genetic techniques to determine responses of populations to environmental effects
- Evidence of:
  - scholastic achievements in publications and scientific presentations
  - self-motivation and able to work independently
  - effective work with colleagues from diverse backgrounds

**Salary:** \$45-50,000 per annum

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**Web link:** <https://jobs.oregonstate.edu/postings/49941>

**Full Consideration Date:** November 22<sup>nd</sup>, 2017; posting closes December 22<sup>nd</sup> 2017.