POSTDOCTORAL SCHOLAR: INTEGRATING OCEAN SURVEY DATA TO BETTER SUPPORT ECOSYSTEM BASED FISHERIES MANAGEMENT.

POSITION: OSU’s Cooperative Institute for Marine Resources Studies invites application for a full-time, 12-month postdoctoral scholar appointment with potential to extend for an additional 12 months. This position is located at Hatfield Marine Science Center (HMSC) in Newport, Oregon but may be served from the OSU campus in Corvallis, OR. It may be also be served from elsewhere as appropriate depending on circumstance to be negotiated with final candidate and on OSU guidelines for COVID-19 research resumption (https://covid.oregonstate.edu/keep-researching).

POSITION RESPONSIBILITIES: This scholar will work in collaboration with Oregon State University (OSU) colleagues in the College of Earth, Ocean, and Atmospheric Sciences (CEOAS) and NOAA Fisheries/Northwest Fisheries Science Center (NWFSC). The scholar’s principle responsibility will be to apply statistical analyses to ocean survey data to examine the phenology of lower trophic level biology in the northern California Current (NCC) ecosystem and to evaluate the optimal timing and temporal resolution of NWFSC ocean surveys to capture ecosystem dynamics and provide early warning of ecosystem shifts. They will also be supported and have the opportunity to contribute to field work and team projects, and to foster new professional skills and contacts for development of their own professional career. The scholar’s work will inform Ecosystem Based Fisheries Management by building a stronger understanding of NCC ecosystem processes, improving our ability to anticipate the effects of changing ocean conditions on marine resources, and identifying important gaps in survey efforts. OSU mentoring will be provided by Lorenzo Ciannelli (CEOAS) and NWFSC engagement will be with Kym Jacobson, Mary Hunsicker, and other colleagues from OSU, NOAA and the NWFSC Ocean Ecology Team.

MINIMUM/REQUIRED QUALIFICATIONS

PhD in Quantitative Ecology, Statistics, Fisheries, Oceanography, Ecology, Natural Sciences, or closely related fields.

Experience with modeling and advanced statistical analysis

Expertise in statistical programming software, such as ‘R’ and/or C++

Experience with writing manuscripts for submission to peer-reviewed scientific journals.

Demonstrated willingness to work with graduate students and to assist them in developing their projects.

PREFERRED QUALIFICATIONS

Knowledge of times series analysis, spatio-temporal modeling techniques, and biological oceanography

Experience working with large, multi-variate datasets

Experience working in the field and on ocean survey vessels and willingness to participate on surveys

A successful publication record in peer-reviewed scientific journals

Ability to work with colleagues across various disciplines, such as ecology, statistics, fisheries, oceanography, and resource management.
A demonstrable commitment to promoting and enhancing diversity.

**STIPEND**: $50,000-$57,000 per year, and health insurance for the incumbent. Health insurance for family members is available at reasonable cost. This position does not include retirement benefits. (The budget allows for a scholar with up to five years’ experience under OSU policy.)

**POSITION AVAILABLE**: Fall 2020

**APPLICATION DEADLINE**: For full consideration, applications must be received by October 1, 2020. Position closing date is December 15, 2020.

**TO APPLY**: Email application materials to leanne.rutland@oregonstate.edu

Attach the following electronic documents that should address the required and preferred qualifications:

1) A resume/CV that includes the names of at least three professional references, their e-mail addresses and telephone contact numbers.

2) A cover letter indicating how your qualifications and experience have prepared you for this position.

Oregon State University is an affirmative action/equal opportunity employer.

For additional information about the position please contact: Lorenzo Ciannelli, 541-737-3142, lciannelli@coas.oregonstate.edu.

For more info on CIMRS see: [https://hmsc.oregonstate.edu/cimrs](https://hmsc.oregonstate.edu/cimrs)

For more information regarding OSU please visit: [http://main.oregonstate.edu/about](http://main.oregonstate.edu/about).