The College of Earth, Ocean, and Atmospheric Sciences seeks a postdoctoral scholar to collaborate with Oregon State University (OSU) and NOAA scientists to study climate influences on phenology of yellowfin and flathead sole movement dynamics in the Bering Sea and Aleutian Islands (BSAI). This is a full-time, 1.00 FTE, 12-month, fixed-term Postdoctoral Scholar position. Reappointment is at the discretion of the Dean.

Seasonal movement of flathead sole and yellowfin sole have been linked to changes in bottom temperature in the BSAI. Hence, warm or cool environmental conditions may cause early or late movement among habitats, which may affect their availability to survey gear. This postdoctoral scholar will use parametric statistical modeling, spatio-temporal modeling, and other data exploration and visualization tools to investigate seasonal movement of yellowfin and flathead sole in relation to environmental conditions using fishery-dependent and fishery-independent data sources.

The postdoctoral scholar will be responsible for writing the results of the research as peer-reviewed manuscripts, and will have the opportunity to participate in meetings with the Alaskan fishing industry, and in fisheries management forums to communicate research results.

The position can be located either on the OSU campus in Corvallis, Oregon, USA, or on the campus of NOAA’s Alaska Fisheries Science Center in Seattle, WA, USA. A travel budget will be provided to attend group meetings of the research team, bringing together individuals at both locations on a quarterly basis.

The postdoctoral scholar will also have the opportunity to attend at least one scientific conference to present the results of this research. The Office of Post-Doctoral Programs provides additional professional opportunities such training in responsible conduct of research, individual development plans, teaching, and proposal writing.

The College of Earth, Ocean, and Atmospheric Sciences is an internationally recognized leader in the study of the Earth as an integrated system. It operates numerous state-of-the art laboratories and two oceanographic research vessels, the 177-foot ocean-going Oceanus and the 54-foot coastal research vessel, Elakha. The college has an annual budget of more than $50 million, with support coming from the National Science Foundation, National Oceanic and Atmospheric Administration, National Aeronautics and Space Administration and other federal agencies. It has more than 100 faculty, 200 graduate students and 600 undergraduate students. Graduate programs include Master's and PhD degrees in Ocean, Earth and Atmospheric Sciences; Geology; and Geography and a Master's degree in Marine Resource Management. The college has undergraduate programs in Earth Sciences and Environmental Sciences, with several minors, options, and certificate programs. For information regarding the College of Earth, Ocean, and Atmospheric Sciences please visit [http://www.ceoas.oregonstate.edu/](http://www.ceoas.oregonstate.edu/).

**Responsibilities**

60% Conducts research to investigate seasonal movement of flatfish species in the BSAI in relation to climate-related variables, including development of quantitative methods to combine year-round fishery-dependent data with annual summer fishery-independent surveys. Attends and travels to meetings of a collaborative research team, consisting of OSU and NOAA researchers.

20% Develops and submits manuscripts for publication in peer-reviewed scientific journals

10% Communicates research results to other members of the scientific community, interested members of the fishing industry, and in relevant Alaska fisheries management forums.
10% Interacts with existing graduate students to provide guidance on their projects

**Minimum/Required Qualifications**

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

Experience with statistical modeling, population dynamics, and animal ecology.

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 spatio-temporal modeling techniques, fish life history and ecology

Experience working with fishery data

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.

**Working Conditions/Schedule**

Conduct mostly synthesis work and attend project meetings at the co-Principal Investigators (PIs) respective locations. A shared office space and personal computer workstation will be assigned to the postdoctoral scholar. Will occasionally travel for project PI meetings using Motor Pool vehicles.

**Application Closing**

For full consideration, applications must be received by November 1, 2019 Position closing date is January 15, 2019.

**To Apply:** Email application materials to leanne.rutland@oregonstate.edu

Salary is competitive and will be commensurate with experience.

When applying you will be required to 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 (Upload as 'Other Document' if not included with your resume/vitae).  

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

When applying you will be required to answer the posting specific questions as thoroughly and completely as possible.

What is your experience in analyzing fishery-dependent and fishery-independent data? Do you have experience with or interest in spatio-temporal modeling techniques? What is your greatest scholarly
achievement? What is your greatest educational achievement? What is your level of interest and proficiency in computer programming and which languages are you familiar with?

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

**University and Community:**

Oregon State is the state’s Land Grant University and is one of only two in the U.S. to have Sea Grant, Space Grant and Sun Grant designations. Oregon State is the only university in Oregon to hold both the Carnegie Foundation's top designation for research institutions and its prestigious Community Engagement classification. As Oregon’s leading public research university, with $285 million in external funding in the 2014 fiscal year, Oregon State’s impact reaches across the state and beyond. With 11 colleges, 15 Agricultural Experiment Stations, 35 County Extension offices, the Hatfield Marine Sciences Center in Newport and OSU-Cascades in Bend, Oregon State has a presence in every one of Oregon’s 36 counties, with a statewide economic footprint of $2.23 billion. Oregon State welcomes a diverse student body of over 30,050 students from across Oregon, all 50 states and more than 100 countries, choosing from more than 200 undergraduate and more than 80 graduate degree programs, including over 30 offered online through Oregon State Ecampus. Oregon State increasingly attracts high-achieving students, with nationally recognized programs in conservation biology, agricultural sciences, nuclear engineering, forestry, fisheries and wildlife management, earth oceans and atmosphere, community health, pharmacy and zoology. Oregon State is located in Corvallis, a vibrant college town of 58,000 in the heart of western Oregon’s Willamette Valley located about 90 miles south of Portland and one hour from the Pacific Coast and the Cascade Mountains. Corvallis is an idyllic college town, and is consistently ranked among the best and safest cities to live in the U.S. Corvallis is at the top of the list of most affluent cities in Oregon and number two among the most educated cities domestically. Recently, Corvallis was ranked the fourth best overall college city in America by WalletHub. Corvallis was also named the one of the most secure small towns in the U.S. by the Farmers Insurance Group, and Sunset magazine named Corvallis one of its five favorite eco-friendly small towns. Known for being one of the most environmentally responsible towns, Corvallis sits in the middle of Oregon’s finest recreational and scenic areas: ocean beaches, lakes, rivers, forests, high desert, and the rugged Cascade and Coast Ranges are all within a short driving distance.

For more information regarding OSU please visit: http://main.oregonstate.edu/about.