Postdoctoral Scholar Position in Fisheries Ecology

The University of California, Santa Cruz, in collaboration with the National Oceanic and Atmospheric Administration (NOAA) National Marine Fisheries Services, seeks a Postdoctoral Scholar in Fisheries Ecology. The postdoctoral scholar will work in partnership with a multidisciplinary team of federal and academic collaborators from UC Santa Cruz and the NOAA Southwest Fisheries Science Center to examine trophic ecology of Pacific bluefin tuna under environmental variability and climate change.

The Postdoctoral Scholar will be responsible for a) identifying the prey of Pacific bluefin tuna collected between 2017 and 2022, b) leading the development of nutritional condition indices measured through proximate analysis, c) contributing to the aging of collected fish through analysis of otoliths, and d) developing statistical models to link variability in diet and nutritional condition to oceanographic variability. The applicant will be expected to communicate their results through written publications, and oral presentations.

The anticipated start date for the position is July 1, 2022 (negotiable). Initial appointments are for 1 year, with reappointment for an additional year pending performance review and funding availability. Applications should be submitted by April 15th, 2022 to ensure full consideration but the position will remain open until filled. Salary is commensurate with qualifications and experience. Minimum annual salary rates are based on experience level, which is determined by the number of months of postdoctoral service at any institution. See current salary scales for Postdoctoral Titles at https://apo.ucsc.edu/compensation/salary-scales/index.html

BASIC QUALIFICATIONS: Ph.D. in Marine Biology, Fisheries Science, Quantitative Ecology, Zoology, Biological Oceanography, or related discipline; previous experience with gut contents analyses or other predator diet analyses; solid quantitative and statistical skills; willingness to collaborate with other postdoctoral researchers, students, and NOAA and University scientists; demonstrated ability to summarize scientific findings in the form of written manuscripts and oral presentations.

PREFERRED QUALIFICATIONS: experience with aging fish via otoliths, proficiency in programming languages such as R, MATLAB, or Python, familiarity with oceanographic data and ecological models; knowledge of multivariate modeling or time-series analysis.

LOCATION: La Jolla, California.
TO APPLY: Submit as a single PDF: (1) a letter of application that addresses how you meet the basic and preferred qualifications, (2) curriculum vitae, (3) one to three representative publications, and (4) names and contact information of three references. Applications can be sent directly to Barbara Muhling (Barbara.Muhling@noaa.gov) and Heidi Dewar (Heidi.Dewar@noaa.gov). Please specify in your email that you are applying for the Pacific bluefin tuna trophic ecology position.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, or protected veteran status. UC Santa Cruz is committed to excellence through diversity and strives to establish a climate that welcomes, celebrates, and promotes respect for the contributions of all students and employees.