



UNIVERSITY OF CALIFORNIA
SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
Department of Ecology and Evolutionary Biology
Postdoctoral Scholar Position in Marine Protected Area Analysis

DESCRIPTION

The Department of Ecology and Evolutionary Biology [<https://www.eeb.ucsc.edu/>] at the University of California, Santa Cruz (UCSC) invites applications for the position of Postdoctoral Scholar Position in Marine Protected Area Analysis, under the joint direction of professors Pete Raimondi, Mark Carr and Will White). The Postdoctoral Scholar will study the effects of demographic connectivity within the California Marine Protected Area Network on species and community attributes including population size and distributions, size frequency distributions, harvest impacts, and species and community resilience.

The successful applicant will:

- Develop mathematical models and model-data comparisons to predict and evaluate the response of fished populations to protection across the network of marine protected areas.
- Work with the PIs to design, plan, and execute analyses and communicate research findings to resource managers and other stakeholders.
- Prepare research reports and manuscripts for management agencies and peer-reviewed journals, respectively.
- Present research at scientific conferences and public outreach events.
- Present results to staff at management agencies (CDFW) and boundary organizations (e.g., California Ocean Science Trust) to support formal evaluations of marine protected areas in CA.
- Assist in the training of graduate and undergraduate students in thesis or dissertation preparation, research methods, and computational/mathematical methods.

ACADEMIC TITLE

Postdoctoral Scholar

SALARY

Commensurate with qualifications and experience. Minimum annual salary rates are made based on the individual's *Experience Level*. See current salary scale for Postdoctoral Titles at <https://apo.ucsc.edu/compensation/salary-scales/index.html>

BASIC QUALIFICATIONS

Required:

- Ph.D. in ecology, fisheries biology, applied mathematics, or a combination of these areas or a closely related field with demonstrated experience and expertise in quantitative ecology, particularly population dynamics and modeling
- Proficiency with either R or Matlab
- Excellent written and verbal communication skills.

Preferred:

- Experience with age-, stage-, or size-structured population models, or integral projection models
- Experience with species distribution models
- Experience using Git and/or GitHub or similar version control and file sharing software
- Peer-reviewed publication record (commensurate with career stage) in the field of population modeling or marine conservation and fisheries

POSITION AVAILABLE: January 1, 2021. Ph.D. must be in hand at time of the initial appointment.

MAXIMUM DURATION OF SERVICE IN A POSTDOCTORAL TITLE

Postdoctoral Scholar appointments are full-time; the initial appointment is for a minimum of one year, with the possibility of reappointment. Reappointment will be contingent upon positive performance review and availability of funding. The total duration of an individual's postdoctoral service may not exceed five years, including postdoctoral service at any institution.

APPLICATION REQUIREMENTS

For full consideration, apply by December 1, 2020 (open until filled). Applicants must send: (1) a letter of application to describe academic experience, qualification and interest in the position; (2) curriculum vitae; (3) email addresses of three professional reference, and (4) Statement of contributions to diversity, equity, and inclusion: Statement addressing your understanding of the barriers facing traditionally underrepresented groups and your past and/or future contributions to diversity, equity, and inclusion through teaching and professional or public service.

Candidates are urged to review guidelines on statements (see <https://apo.ucsc.edu/diversity.html>) before preparing their application. Please send these items in a single PDF document labeled "lastname_firstname_MPA_Postdoc"

Application materials should be sent via email to Peter Raimondi (raimondi@ucsc.edu) with the subject heading "Postdoctoral Scholar Position in Marine Protected Area Analysis".

RECRUITMENT PERIOD

Full consideration will be given to applications completed by December 1, 2021. Applications received after this date will be considered only if the position has not been filled.

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, sexual orientation, gender identity, 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. Inquiries regarding the University's equal employment opportunity policies may be directed to the Office for Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064 or by phone at (831) 459-2686.

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check (see <https://www.uscis.gov/e-verify>). The university sponsors employment-based visas for nonresidents who are offered academic appointments at UC Santa Cruz (see <https://apo.ucsc.edu/policy/capm/102.530.html>).

UCSC is a smoke & tobacco-free campus.

If you need accommodation due to a disability, please contact Disability Management Services at roberts@ucsc.edu (831) 459-4602.

UCSC is committed to addressing the spousal and partner employment needs of our candidates and employees. As part of this commitment, our institution is a member of the Northern California Higher Education Recruitment Consortium (NorCal HERC). Visit the NorCal HERC website at <https://www.hercjobs.org/regions/higher-ed-careers-northern-california/> to search for open positions within a commutable distance of our institution.

The University of California offers a competitive benefits package and a number of programs to support employee work/life balance. For information about employee benefits please visit <https://ucnet.universityofcalifornia.edu/compensation-and-benefits/index.html>

VISIT THE UCSC WEB SITE AT <https://www.ucsc.edu>

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