

Graduate assistantships are available in the lab of Dr. Kurt Anderson at the University of California, Riverside for prospective Ph.D. students wishing to pursue topics in quantitative population and community ecology. In particular, I am looking for students to participate in a project funded by an NSF CAREER grant that is using mathematical theory and laboratory microcosms to test how spatial patterns in dispersal connectivity and productivity variation influence food web dynamics. Research in the Anderson Lab spans a wide variety of topics at the intersection of theoretical, empirical, and applied ecology, and lab members have explored these topics in a variety of aquatic and terrestrial systems. Our activities however are united by a strong quantitative focus. While previous modeling experience is not necessary, a desire to learn and apply mathematical theory is a plus. Furthermore, because of the nature of the grant, applications from prospective students with an interest in mentoring undergraduate research projects are especially encouraged.

Successful applicants will be enrolled in the graduate program in Evolution, Ecology, and Organismal Biology (eeob.ucr.edu) that has over 40 cooperating faculty from numerous campus departments. Funding for a stipend and health benefits will be provided to the successful applicant through graduate research and teaching assistantships. Fellowship opportunities from campus and graduate program sources are also available for qualified individuals.

Through formal and informal training, students in my lab will have the opportunity to gain marketable skills in mathematics and advanced statistics, computer programming (in R, Mathematica, or Matlab), laboratory techniques, spatial analysis, and outreach/mentorship. Assistance with grant proposal writing, pedagogy, and quantitative skills is also available through UCR's Graduate Division. Additional information can be found on our websites about the UCR campus (www.ucr.edu), graduate studies at UCR (www.graduate.ucr.edu), and the Department of Biology (www.biology.ucr.edu).

The University of California, Riverside is a highly diverse and rapidly growing campus located in the historic city of Riverside, California. The campus is located within one hour of downtown Los Angeles, a city that provides world-class cultural opportunities. Riverside also provides easy access to numerous outdoor recreational areas, including forest, alpine, ocean, and desert environments.

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, age, disability, protected veteran status, or any other characteristic protected by law.

THE GRADUATE APPLICATION DEADLINE FOR PRIORITY CONSIDERATION IS DECEMBER 1st. Prospective students should contact Dr. Anderson before this date and provide a CV and statement of interest:

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