

Postdoc in Community/Ecosystems Ecology  
Department of Ecology, Evolution & Marine Biology  
University of California-Santa Barbara

A postdoctoral position is available for a highly qualified individual to work on a newly funded U.S. National Science Foundation grant that examines how species diversity can simultaneously be the cause and the consequence of ecosystem productivity. The goal of this project is to test the 'Multivariate Diversity-Productivity' hypothesis, which proposes one way that the historical perspective that productivity-drives-diversity might be fused with the more recent perspective that diversity-drives-production. The project will use stream ecosystems as a model, focusing on both primary producers (freshwater algae) and consumers (invertebrate herbivores). The work includes field and laboratory experiments, as well as a theoretical component through collaboration with Dr. Kevin Gross at North Carolina State University. This postdoc will be responsible for helping to set-up and manage the proposed experiments, and will be expected to develop an independent research program that compliments the broader goals of the project.

Applicants must have an excellent record of publication, strong quantitative skills, and be comfortable leading a team of undergraduate and graduate researchers. Prior experience working in freshwater ecosystems is desirable, but not required. The initial appointment is for one year with full benefits and a competitive salary. Continued funding is available for a second year provided satisfactory progress. The position is available immediately, and consideration of applications will continue until the position is filled. Individuals from under-represented groups are especially encouraged to apply.

UCSB is scenically located between the beach and mountains, and boasts a terrific quality of life. Top-notch research facilities are available, and proximity to the National Center for Ecological Analysis and Synthesis (NCEAS) offers unparalleled opportunity to broaden ones perspective and collaborate with eminent ecologists from around the world.

Please send (preferably by email) a cover letter stating your research accomplishments and interests, a curriculum vitae, two representative publications, and the names and contact information for three references to:

Bradley J. Cardinale, Ph.D.  
Department of Ecology, Evolution & Marine Biology  
University of California-Santa Barbara  
Santa Barbara, CA 93106  
Email: [cardinale@lifesci.ucsb.edu](mailto:cardinale@lifesci.ucsb.edu)  
<http://www.lifesci.ucsb.edu/eemb/faculty/cardinale>

UCSB is an Equal Opportunity/ Affirmative Action Employer.