

From: Stephan Munch
Subject: postdoctoral position

Postdoctoral Opportunity: Nonlinear dynamics for ecosystem-based management and data-poor fisheries.

A postdoctoral fellowship is currently available in the department of Ecology and Evolutionary Biology at UC Santa Cruz and the Southwest Fisheries Science Center, working primarily with Stephan B. Munch and collaborators Marc Mangel and Thanasis Kottas. The Fellow will develop methods for, and novel applications of, nonlinear dynamics and nonparametric statistics. The current project focuses on applications to data-limited fisheries and ecosystem-based management. There will be ample opportunity to develop independent research and collaborations.

The initial appointment is for twelve months and may be renewed for a second year. The participant will receive a competitive stipend consistent with the UC pay scale plus fringe benefits. Support is available for travel to present research at scientific conferences.

The preferred start date is between March and June 2017. Applicants must have received a doctoral degree prior to the start of the fellowship. As this project straddles ecology and applied math, candidates should hold a degree in ecology or environmental science and have a strong background in quantitative methods, or hold a degree in applied math or statistics and have a strong background in ecology. Facility with R, Matlab, C++, or other programming language is essential as is a demonstrated enthusiasm for writing. Experience with population dynamics, nonlinear forecasting, nonparametric statistics, and / or dynamic programming is desirable.

To Apply: Send a letter of application including research interests and career goals, a current resume/CV, names and email addresses of two references to Stephan B. Munch (steve.munch@noaa.gov) with subject: Postdoc Application, [your name]