The Department of Applied Mathematics and Statistics (AMS) at the University of California, Santa Cruz (UCSC) invites applications for a tenure-track position in Applied Mathematics at the Assistant Professor level. We seek outstanding applicants whose work begins with important problems in science or engineering and features the development, use and analysis of mathematical models with a strong emphasis on Nonlinear Dynamics. We seek colleagues who will interact in productive ways with the faculty in our department (especially in the focus areas of fluid dynamics, control theory, high-performance computing, mathematical biology, or statistics), as well as with other researchers in the wider Baskin School of Engineering and across the UCSC campus.

AMS is one of six departments hosted in the Baskin School of Engineering, and is currently undergoing an exciting growth phase. Having started with three faculty in 2001, AMS has thirteen faculty today, five in applied mathematics and eight in statistics, and our graduate program has about 50 students. Research and instruction are supported by excellent computing facilities and state-of-the-art laboratories. There are strong opportunities to collaborate with colleagues in the other departments in the Baskin School of Engineering, including Biomolecular Engineering, Computer Science, Computer Engineering, Electrical Engineering, and Technology Management. Opportunities for collaboration also exist with other departments, including (but not limited to) Astronomy and Astrophysics, Chemistry and Biochemistry, Earth and Planetary Sciences, Ecology and Evolutionary Biology, Economics, Mathematics, Molecular, Cell and Developmental Biology, Ocean Sciences, and Physics.

The successful candidate will be expected to develop and maintain first-class, externally-funded research programs in areas of their choice with emphasis on nonlinear dynamics; to teach, mentor, and advise students at the graduate and undergraduate level individually and in the classroom; to contribute significantly to graduate education; and to perform university and professional service. The candidate must be able to work with students, faculty, and staff from a wide range of social and cultural backgrounds. We are especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and service.

RANK: Assistant Professor

SALARY: Commensurate with qualifications and experience; academic year (9-month) basis.

BASIC QUALIFICATIONS: Ph.D. or equivalent foreign degree in Applied Mathematics or closely related or relevant field expected to be conferred by June 30, 2015. Teaching experience (demonstrated by college level teaching experience, TA experience, research presentations and/or professional training seminars). Demonstrated record of research and publication.

PREFERRED QUALIFICATIONS: University teaching experience, graduate student mentoring experience, demonstrated record of research excellence and productivity, participation and achievement in professional or university organizations, and record of honors or awards.

POSITION AVAILABLE: July 1, 2015 (with academic year beginning September 2015.) Ph.D. must be conferred by June 30, 2015 for employment beyond that date.

TO APPLY: Applications are accepted via the UCSC Academic Recruit online system, and must include a letter of application, curriculum vitae, research statement, teaching statement, 2-5 publications, and 3-5 confidential reference letters*. Applicants are invited to submit an additional statement addressing their past and/or potential contributions to diversity through research, teaching, and/or service. All materials must be submitted as PDF files.

Apply at: https://recruit.ucsc.edu/apply/JPF00172
Refer to Position # JPF00172-15 in all correspondence.

*All letters will be treated as confidential per University of California policy and California state law. For any reference letter received via a third party (i.e., dossier service, career center), direct the author to UCSC's confidentiality statement at http://apo.ucsc.edu/confstm.htm

CLOSING DATE: Review of applications will begin on December 12, 2014.
To ensure full consideration, applications should be complete – including letters of recommendation received – by this date. The position will remain open until filled, but not later than 6/30/2015.

UC Santa Cruz faculty make significant contributions to the body of research that has earned the University of California the ranking as the foremost public higher education institution in the world. In the process, our faculty demonstrate that cutting-edge research, excellent teaching and outstanding service are mutually supportive.

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. Inquiries regarding the University's equal employment opportunity policies may be directed to: Office for Diversity, Equity, and Inclusion at the University of California, Santa Cruz, CA 95064; (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. More information is available here or from the Academic Personnel Office (APO) at (831) 459-4300.

UCSC is a smoke & tobacco-free campus.

If you need accommodation due to a disability, please contact the Academic Personnel Office at apo@ucsc.edu (831) 459-4300.