



UNIVERSITY OF CALIFORNIA
SANTA CRUZ

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
Department of Applied Mathematics
Assistant Professor (Mathematical Biology)

The Department of Applied Mathematics (<https://www.soe.ucsc.edu/departments/applied-mathematics>) at the University of California, Santa Cruz (UCSC) invites applications for a tenure-track Assistant Professor position in the field of Applied Mathematics, specializing in mathematical biology and computational biology. The department is committed to undergraduate teaching, graduate education and interdisciplinary research. Current faculty research is focused on mathematical modeling, including dynamical systems, mathematical biology, fluid dynamics, control theory and uncertainty quantification, with applications to astrophysics, biology, engineering and geophysics.

The Department of Applied Mathematics is part of the Baskin School of Engineering at UC Santa Cruz. Our school has nationally and internationally known researchers in many areas. UC Santa Cruz is a member of the AAU, an association of the top research universities in the US. Our campus is the nearest University of California campus to Silicon Valley and has close research ties with the local computer industry. Nestled in a redwood forest above the city of Santa Cruz, our beautiful campus has a long history of embracing groundbreaking interdisciplinary work. Our proximity to Silicon Valley, and our satellite campus there, afford opportunities and avenues for collaboration with researchers working in the many research and development labs in Silicon Valley, as well as with the other San Francisco Bay Area universities.

The successful candidate is expected to develop a research program with applications in biology, advise graduate students (MS and PhD) in their research area, obtain external funding, develop and teach courses within the undergraduate and graduate curriculum, perform university, public and professional service, and interact broadly with the large number of researchers in Silicon Valley industrial research and advanced development labs. The successful candidate should be able to work with students, faculty, and staff from a wide range of social and cultural backgrounds, genders, and sexual orientations.

We welcome candidates who understand the barriers facing traditionally underrepresented groups in higher education, and who have engaged in teaching, research, professional and/or public service contributions that promote diversity, equity, and inclusion. These can take a variety of forms such as, but not limited to, effective pedagogical strategies used for the educational advancement of students in underrepresented groups; demonstrated contributions to the advancement of access and equal opportunity in education; and participation in activities that support the recruitment, retention, and success of scholars and students.

ACADEMIC TITLE

Assistant Professor (tenure track)

SALARY

Commensurate with qualifications and experience; academic year (nine-month basis).

BASIC QUALIFICATIONS

A PhD or equivalent foreign degree in Applied Mathematics or related fields; demonstrated record of research; and demonstrated teaching experience. It is expected that the degree requirement will be completed by June 30th, 2022.

POSITION AVAILABLE

July 1, 2021, with the academic year beginning in September 2021. All PhD requirements must be completed by June 30, 2022, for employment beyond that date. Position contingent on budgetary approval.

APPLICATION REQUIREMENTS

Applications are accepted via the UCSC Academic Recruit online system; all documents and materials must be submitted as PDFs.

APPLY AT <https://recruit.ucsc.edu/apply/JPF00967>

Please refer to Position # JPF00967-21 in all correspondence.

Required Documents/Materials

- Letter of application that briefly summarizes your qualifications and interest in the position
- Curriculum vitae with list of publications
- 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 research, teaching, and service. Candidates are urged to review guidelines on statements before preparing their application: <https://apo.ucsc.edu/diversity.html>

Initial screening of candidates will be based on statements of contributions to diversity, equity, and inclusion

- Statement of research plans
- Statement of teaching interests and experience
- 3-4 selected publications

Reference Requirement

Applications must include confidential letters of recommendation* (a minimum of 3 letters are required, one must address teaching, and a maximum of 5 letters will be accepted). Please note that your references, or dossier service, will submit their confidential letters directly to the UC Recruit System.

*All letters will be treated as confidential per University of California policy and California state law. For any reference letter provided 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>.

RECRUITMENT PERIOD

Full consideration will be given to applications completed by January 15, 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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