

San Francisco State University Department of Mathematics offers an exciting opportunity for a tenure-track Assistant or Associate Professor position in Applied Mathematics beginning August 2019. We seek a colleague whose teaching and research interests include computational and numerical methods in all fields of applied mathematics such as applied harmonic analysis, computational biology, dynamical systems, partial differential equations, and optimization. We are especially interested in qualified candidates who can contribute, through their research, teaching, and service, to the diversity and excellence of the academic community.

The Department of Mathematics has 17 tenured and 6 tenure track faculty members dedicated to offering an outstanding environment for professional achievement and education. The applied mathematics program is one of majors in the Department with the biggest number of enrolled students and is continuing to expand. The Department's student population is diverse where 42% of the majors are women and 38% from underrepresented ethnic/racial minorities.

The mission of San Francisco State University is to create and maintain an environment for learning that promotes respect for and appreciation of scholarship, freedom, human diversity, and the cultural mosaic of the City of San Francisco and the Bay Area; to promote excellence in instruction and intellectual accomplishment; and to provide broadly accessible higher education for residents of the region and state, as well as the nation and world. To fulfill its mission, the University is committed to the following goals:

- Attracting, retaining and graduating a highly diverse student body
- Providing disciplinary and interdisciplinary liberal arts and professional education that is academically rigorous and intellectually challenging
- Providing curricula that reflect all dimensions of human diversity, and that encourage critical thinking and a commitment to social justice
- Recruiting, retaining and supporting a diverse faculty whose teaching demonstrates an active engagement with their individual fields of study and whose creative and scholarly work is an extension of the classroom, laboratory or studio
- Employing a staff and administration reflecting the diversity of our student community and the values of the campus;
- Fostering a collegial and cooperative intellectual environment that includes recognition and appreciation of differing viewpoints and promotes academic freedom within the University community; and
- Serving the communities with which its students and faculty are engaged.

Responsibilities: The position requires graduate and undergraduate teaching in Mathematics and Applied Mathematics, mentoring and advising graduate and undergraduate students, supervise student research in areas related to Applied Mathematics, developing an active ongoing and original research and scholarship program in the field of Applied Mathematics with an emphasis in computational and numerical methods, and ongoing committee and service assignments. Detailed position description is available at [math.sfsu.edu](http://math.sfsu.edu).

Qualifications:

**Required:**

- Ph.D. in Mathematics or Applied Mathematics. Terminal degree must be completed by the first day of employment.

**Preferred:**

- For the Assistant Professor rank, strong evidence of professional achievement in Applied Mathematics, together with proven success in securing external funding or exceptional promise in doing so.
- For the Associate Professor rank, established record of research leadership in Applied Mathematics, and a track record of continual success in securing external funding as PI.
- Exemplary track record in teaching.
- Active record of scholarship related to specialty area.
- Evidence of inclusion of students in research and demonstrated ability to incorporate inclusion, diversity, and educational equity in teaching and scholarship.
- Experience teaching and working closely with students from historically under-represented communities.
- Record of contributing to collegial, supportive and collaborative work environments

**Rank and salary:** Assistant Professor or Associate Professor, both tenure track. Salary commensurate with qualifications and experience, accomplishment, and research leadership potential/record. The California State University (CSU) provides generous health, retirement and other benefits.

**Application:** Submit the following seven items electronically through <http://www.mathjobs.org> by 11:59 PM Pacific Standard Time of Sunday 16 December 2018: a cover letter, the AMS cover sheet, a curriculum vitae (that includes educational, employment, publication, and funding histories), a research plan, a statement of teaching philosophy that also addresses how the teaching and scholarship will align with the commitment of the Mathematics Department to foster an inclusive and diverse academic community, a publication list, and a list of external funding secured; the last two items are intended to duplicate parts of the CV. In addition to those seven items, arrange for at least three signed letters of recommendation on your research, together with one signed letter of recommendation in regard to your teaching. All letters should be dated no earlier than 2018 and must be uploaded to [www.mathjobs.org](http://www.mathjobs.org). Questions may be addressed by email ([serkan@sfsu.edu](mailto:serkan@sfsu.edu)) to Serkan Hosten, Chair, Hiring Committee and Department of Mathematics.

San Francisco State is an Equal Opportunity Employer and does not discriminate against persons on the basis of race, religion, color, ancestry, age, disability, genetic information, gender, gender identity, gender expression, marital status, medical condition, National origin, sex, sexual orientation, covered veteran status, or any other protected status. Reasonable accommodations will be provided for qualified applicants with disabilities who self-disclose by

contacting the Senior Human Resources Manager.

**Short version (for expensive venues):**

San Francisco State University, Department of Mathematics seeks applicants for a tenure-track Assistant or Associate Professor position in Applied Mathematics beginning August 2019. A Ph.D. in Mathematics or Applied Mathematics is required. Salary commensurate with qualifications. Position description available at [math.sfsu.edu](http://math.sfsu.edu).

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