

## San José State University - San José, California

### POSITION ANNOUNCEMENT

*Subject to Budgetary Approval*

**Specialization:** Applied Mathematics

**Job Opening ID (JOID):** 25166

**Rank:** Assistant Professor

The Department of Mathematics and Statistics at San José State University invites applications for two tenure-track faculty positions in Applied Mathematics at the rank of Assistant Professor. Candidates must have a doctoral degree in the mathematical sciences or a closely related field by time of the appointment. We seek applicants with demonstrated evidence of excellence in teaching at the university level, outstanding research potential, and a commitment to department service. A successful candidate will have expertise in an area of applied mathematics, such as differential equations, numerical methods, applied discrete math, optimization, or cryptography. Experience with business, industry, or government is highly desirable, as we are looking for faculty who will help students find mathematical careers in business, industry, or government. Ability to teach a graduate optimization course is desirable. Applicants should demonstrate awareness of and sensitivity to educational goals of a multicultural population as might have been gained in cross-cultural study, training, teaching and other comparable experience.

#### **Responsibilities:**

In addition to teaching a variety of undergraduate and graduate courses in the Department of Mathematics and Statistics, the faculty member is expected to supervise graduate students, to maintain a program of scholarly activity, to work on curriculum development, and to be involved in departmental governance. Faculty in applied mathematics are also expected to supervise student teams working on industry-sponsored research projects run by the department's Center for Applied Mathematics, Computation and Statistics (CAMCOS). The candidate must address the needs of a student population of great diversity – in age, cultural background, ethnicity, primary language and academic preparation – through inclusive course materials, teaching strategies and advisement.

**Salary Range:** Commensurate with qualifications and experience.

**Starting Date:** August 13, 2019

**Eligibility:** Employment is contingent upon proof of eligibility to work in the United States.

#### **Application Procedure:**

For full consideration, send a letter of application (which includes a paragraph explaining why you are specifically interested in a position at SJSU), curriculum vitae, statement of teaching interests/ philosophy, research plans, and at least three original letters of reference with contact information by **November 15, 2019** to <http://www.mathjobs.org/>.

#### **For questions, please contact:**

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email: Bem.cayco@sjsu.edu

**Please include Job Opening ID (JOID) on all correspondence.**

[San José State University](#) enrolls over 37,500 students, a significant percentage of whom are members of minority groups. As such, this position is for scholars interested in a career at a national leader in graduating URM students. SJSU is a Hispanic Serving Institution (HSI) and Asian American and Native American Pacific Islander (AANAPISI) Serving Institution; 40% of our students are first-generation, and 38% are Pell-qualified. The university is currently ranked fifth nationally in increasing student upward mobility. The University is committed to increasing the diversity of its faculty so our disciplines, students, and the community can benefit from multiple ethnic and gender perspectives.

San José State University is California's oldest institution of public higher learning. Located in downtown San José (Pop. 1,000,000) in the heart of Silicon Valley, SJSU is part of one of the most innovative regions in the world. As Silicon Valley's public university, SJSU combines dynamic teaching, research, and university-industry experiences to prepare students to address the biggest problems facing society. SJSU is a member of the 23-campus California State University (CSU) system.

San José State University is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, color, religion, national origin, age, gender, gender identity/expression, sexual orientation, genetic information, medical condition, marital status, veteran status, or disability. This policy applies to all San José State University students, faculty, and staff as well as University programs and activities. Reasonable accommodations are made for applicants with disabilities who self-disclose. Note that all San José State University employees are considered mandated reporters under the California Child Abuse and Neglect Reporting Act and are required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

The latest San José State University Safety 101 Uniform Campus Crime and Security Report is available. You may request a copy of San José State University's annual safety report by contacting the University Police Department at (408) 924-2222 or by visiting the [University Police Department](#) website at (<http://www.sjsu.edu/police>.)