

# San José State University

San José, California

## ANNOUNCEMENT OF POSITION AVAILABILITY

*Subject to Budgetary Approval*

**Specialization: Mechanical Engineering, with an emphasis in Thermal/Fluids Engineering**

**Job Opening ID (JOID): 24717**

**Rank: Assistant or Associate Professor, Tenure Track**

### **Qualifications:**

The Department of Mechanical Engineering at San José State University (SJSU) invites applications for a tenure-track faculty position at the rank of either Assistant or Associate Professor in the broad area of Thermal/Fluids Engineering. Applicants must have strong academic background in mechanical engineering, as evidenced by a Ph.D. or equivalent degree in mechanical engineering or closely related field and demonstrable experience in areas such as thermal/fluid system design, thermal management of electronics, or alternative or renewable energy. Special consideration will be given to applicants with expertise in computational fluid dynamics.

Candidates must demonstrate potential for excellence in teaching in classroom and laboratory settings using a variety of pedagogical techniques and technological tools to reach a diverse population. They should also demonstrate potential for excellence in scholarly research, with an expectation of peer-reviewed publications and professional presentations. The position requires excellent communication, teamwork, and interpersonal skills. 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:**

Providing quality education is a top priority for the Department of Mechanical Engineering. Candidates must address the needs of a student population of great diversity – in age, cultural background, ethnicity, primary language and academic preparation – through course materials, teaching strategies, assessment, and advisement. In addition to teaching engineering courses, faculty members in the department are expected to develop curricula and laboratories and should plan to establish externally funded research programs and publish peer-reviewed papers. Faculty members advise undergraduate and graduate students via project mentorship as well as academic planning. They also serve on committees and task forces under shared governance to improve policies and resources for the betterment of education.

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

**Starting Date:** August 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, curriculum vitae, statement of teaching interests/ philosophy, research plans, and at least three original letters of reference with contact information by January 2, 2019 to <https://apply.interfolio.com/53856>

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

San José State University is California's oldest institution of public higher learning. The campus is located on the southern end of San Francisco Bay in downtown San José (Pop. 1,000,000), hub of the world-famous Silicon Valley high-technology research and development center. Many of California's most popular national, recreational, and cultural attractions are conveniently close. A member of the 23-campus CSU system, San José State University enrolls approximately 30,000

students, a significant percentage of whom are members of minority groups. 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 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](http://www.sjsu.edu/police) website at (<http://www.sjsu.edu/police>.)