

San José State University

San José, California

ANNOUNCEMENT OF POSITION AVAILABILITY

Subject to Budgetary Approval

Specialization: Materials Engineering

Job Opening ID (JOID): 24754

Rank: Assistant Professor, Tenure-track

Qualifications:

Ph.D. in Materials Engineering, or a related engineering discipline with at least one degree (B.S. or M.S.) in Materials Engineering/Science. Industrial or Post-Doctoral experience is desired. The candidate should have demonstrated research success with priority given to research expertise in one or more of the following areas: polymers, computational fracture mechanics, nanotechnology, additive manufacturing, composites, biomaterials, sensing and simulation in materials performance, or semiconductors and electronic materials. A research plan incorporating both experiments and computational work is preferable. The applicant must be committed to teaching and research activities of the highest academic and professional caliber, and maintain a student-centric approach at all times, thus contributing to the development of students as productive, responsible and caring citizens of the world. In particular, applicants must have a strong commitment to: (a) teaching and working with a diverse population of students at the undergraduate and Masters levels, (b) teaching core and elective undergraduate and Masters-level Materials Engineering courses (c) curricular development to complement and further advance the current curriculum, (d) development of externally funded research and laboratory development activities that will enhance the quality of education and research opportunities provided to the students, (f) an awareness of and sensitivity to the educational goals of a multicultural population as might have been gained in cross-cultural study, training, teaching and other comparable experience. The ideal candidate will be a highly motivated self-starter, have excellent written and oral communications skills, and be a team player.

Responsibilities:

Faculty members are expected to contribute to shared governance, typically by service on committees at the department, college, and university levels. Faculty members collaborate in instruction, student and industry projects, and student advising. Faculty members are expected to establish an active research program and to contribute to the advancement of the discipline, typically through professional presentations and publication in peer-reviewed venues. Candidate 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, and advisement.

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 please upload: (1) a letter of application, (2) curriculum vitae, (3) statement of teaching interests/philosophy including teaching experience and preferred courses (three page maximum, 11pt font), (4) proposed research plans (three page maximum, 11pt font), and (5) at least three original letters of reference and contact information (name, phone number and email address) for the references by 5:00 p.m., **Friday December 14, 2018**, Pacific Standard Time, at <https://apply.interfolio.com/55321>.

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

This position is an excellent opportunity for scholars interested in a career at an institution that is a national leader in graduating URM students. San Jose State University has achieved HSI (Hispanic Serving Institution) and AANAPISI (Asian American and Native American Pacific Islander Serving Institution) designation; 40% of our student population are first- generation students and 38% are Pell-qualified. As a result, the university is ranked fourth nationally in increasing student upward mobility. 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>.)