



FACULTY POSITION IN FIRE RESEARCH

The Department of Mechanical Engineering at San Diego State University (SDSU) seeks to fill a tenure-track position at the Assistant Professor level in the general area of fire research starting Fall 2024. Candidates with expertise in experimental, analytical and/or computational research in microgravity combustion, flame spread over materials, ignition and flammability properties are encouraged to apply. The successful candidate is expected to join the current research effort in the Fire Research Laboratory (flame.sdsu.edu) and expand the program by developing a vigorous externally funded research program. Candidates with a vision to expand their research into areas beyond the current focus of the Fire Research Laboratory, e.g. into wildland fires, battery fires, etc., should describe that in their application materials. Mechanical Engineering (<https://mechanical.sdsu.edu>) is one of four departments in the College of Engineering (<https://engineering.sdsu.edu>) at SDSU offering an EAC/ABET-accredited B.S. degree program, as well as M.S. and joint Ph.D. programs. The Department has internationally recognized programs in many areas of mechanical engineering. It is expected that the successful candidate will develop synergies with areas of existing research strength and exploit emerging areas of research by developing a vigorous externally funded research program in the general area of fire research. Applicants will be expected to teach undergraduate and graduate level courses in the general area of energy and thermofluids. SDSU is designated as a Hispanic-Serving Institution with a strong commitment to diversity, equity, and inclusive excellence.

Applicants must have an earned Ph.D. degree in mechanical engineering or a closely related discipline. SDSU is seeking applicants who (a) are committed to engaging in service with underrepresented populations in engineering, (b) have demonstrated knowledge of barriers for underrepresented students and faculty in engineering, (c) have experience or demonstrated commitment to teaching and mentoring underrepresented students, (d) have experience or demonstrated commitment to integrating understanding of underrepresented populations and communities into research, (e) have experience or demonstrated commitment to extending knowledge of how to achieve scholarly success to members of an underrepresented group, (f) have experience or demonstrated commitment to research that engages underrepresented communities, (g) have expertise or demonstrated commitment to developing expertise in cross-cultural communication and collaboration, and (h) have research interests that contribute to diversity and equal opportunity in higher education. Successful applicants are expected to meet at least two of these eight criteria. Please indicate clearly in your application how you meet these criteria.

The minimum salary for this position is based on the current CSU salary schedule for Assistant Professors and may be revised based on contract collective bargaining. The anticipated salary range is from \$95,000 - \$103,000. Salary placement will be based on the selected candidate's qualifications and experience, and salaries higher than the published maximums may be offered in limited circumstances. San Diego State University offers a rich benefits package that constitutes a major portion of total compensation. For benefits information, click [here](#).

Applications received by December 1, 2024 will receive full consideration; the position will remain open until filled. Candidates must apply via Interfolio at <https://apply.interfolio.com/132014>. Questions related to this search may be addressed to mech.engineering@sdsu.edu.

SDSU is a Title IX, equal opportunity employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, gender identity and expression, marital status, age, disability, pregnancy, medical condition, or covered veteran status.