



SAN DIEGO STATE  
UNIVERSITY

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**Aerospace Engineering**  
*College of Engineering*

### **Faculty Position**

The Department of Aerospace Engineering invites applications for a tenure-track faculty position at the Assistant Professor rank. A preference will be given to applicants in the broad area of Aerodynamics. Emerging areas such as hypersonics, flow control, multi-phase, multi-physics, bio-inspired fluid mechanics and general multi-disciplinary research are of specific interest. The current research programs in the Department include aerodynamics, computational and experimental fluid mechanics, propulsion, aerospace structures, aeroelasticity, non-destructive evaluation, guidance and control, and astrodynamics. Exceptional candidates in areas that complements the department research programs may also be considered. The Department offers BS and MS degrees in Aerospace Engineering and participates in the Joint Doctoral Programs with the University of California, San Diego, and the University of California, Irvine.

Applicants for this position will complement and/or expand areas of existing research into emerging areas of research. Applicants must have an earned PhD in Aerospace Engineering or a closely related field. Applicants should demonstrate potential to establish a high-quality extramurally-funded research program, excel at teaching and mentoring undergraduate and graduate students, and work collaboratively with colleagues as a team member to advance the program. Recent graduates as well as those with industrial or university experience are welcome to apply.

The College of Engineering is the fastest growing of SDSU's seven Colleges. A newly built state-of-the-art Engineering and Interdisciplinary Sciences Complex has significantly expanded and enhanced facilities in the College with over 95,000 square feet of new space added for research and teaching needs. The city of San Diego enjoys a renowned mild climate year-round and is a family-friendly urban environment. The metropolitan area is the hub of several leading industries, including major defense contractors and aerospace companies. San Diego and Southern California offer exceptional opportunities for research partnerships with the extensive local aerospace industry. For additional information about the department and the university, please visit <http://aerospace.sdsu.edu> and <http://www.sdsu.edu>.

San Diego State University is the largest university in San Diego and the third largest in California. The highly diverse campus community has a student population of over 36,000 and approximately 6000 faculty and staff. SDSU is currently designated as a Doctoral/Research-Intensive University by the Carnegie Foundation. SDSU is designated as a Hispanic-Serving Institution with a strong commitment to diversity, equity, and inclusive excellence. Our campus community is diverse in many ways, including race, religion, color, sex, age, disability, marital status, sexual orientation, gender identity and expression, national origin, pregnancy, medical condition, and covered veteran status. We strive to build and sustain a welcoming environment for all. SDSU is committed to building an academic environment that embraces

and promotes diversity among its students, faculty, and employees and our community. Women and underrepresented minorities are strongly encouraged to apply.

We are seeking applicants with demonstrated experience in and/or commitment to teaching and working effectively with individuals from diverse backgrounds and members of underrepresented groups. Candidates must satisfy two or more of the eight Building on Inclusive Excellence (BIE) criteria. Candidates that meet BIE criteria: (a) are committed to engaging in service with underrepresented populations within the discipline, (b) have demonstrated knowledge of barriers for underrepresented students and faculty within the discipline, (c) have experience or have demonstrated commitment to teaching and mentoring underrepresented students, (d) have experience or have demonstrated commitment to integrating understanding of underrepresented populations and communities into research, (e) have experience in or have demonstrated commitment to extending knowledge of opportunities and challenges in achieving artistic/scholarly success to members of an underrepresented group, (f) have experience in or have demonstrated commitment to research that engages underrepresented communities, (g) have expertise or demonstrated commitment to developing expertise in cross-cultural communication and collaboration, and/or (h) have research interests that contribute to diversity and equal opportunity in higher education. Please indicate in your cover letter how you meet at least two or more of these criteria.

Review of the applications will begin on January 24, 2021, and will continue until the position is filled. Expected start date is August 2021.

Applicants should apply via Interfolio at <https://apply.interfolio.com/80657>. Inquiries may be directed to Prof. Gustaaf Jacobs, Search Committee Chair, [gjacobs@sdsu.edu](mailto:gjacobs@sdsu.edu).

*The person holding this position is considered a “mandated reporter” under the California Child Abuse and Neglect Reporting Act and is 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.*

***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.***