



TEXAS A&M UNIVERSITY

# Aerospace Engineering

The Department of Aerospace Engineering, College of Engineering at Texas A&M University invites applications for a full-time tenured or tenure-track faculty position with a 9-month academic appointment, and the possibility of an additional summer appointment contingent upon need and availability of funds, beginning September 1, 2021. Applicants will be considered for the faculty titles of assistant, associate and full professor. Candidates should have expertise in **aerospace related laser, electro-magnetic, optical and plasma technologies**. Examples of relevant areas include laser diagnostics, plasma related flow control, laser energy addition, aero-optical effects, energy conversion, and remote detection. Opportunities to collaborate with faculty members within the department and across the university are anticipated, and state of the art lasers and test facilities will be made available. Interest and/or experience in teaching at the graduate and undergraduate levels and engaging in the development of new courses and course material is expected. Applicants with backgrounds in optics, gas dynamics, nonlinear optics, emission spectroscopy, low temperature plasma science and/or advanced laser diagnostics are encouraged to apply. Preference will be given to candidates with experimental capabilities. Resources will be provided to facilitate the initiation of independent research activities. The successful applicants will be required to teach; advise and mentor graduate students; develop an independent, externally funded research program; participate in all aspects of the department's activities; and serve the profession. Strong written and verbal communication skills are required. Applicants should consult the department's website to review our academic and research programs (<http://engineering.tamu.edu/aerospace/>).

The Department of Aerospace Engineering at Texas A&M encompasses nationally and internationally renowned programs that attract the world's top faculty and students and it promotes a passion for learning and innovation. The Department seeks to apply state of the art advances in science and engineering to lead in providing solutions to the most challenging and important problems in the field. The forty-two tenured/tenure-track faculty include eight members of the National Academy of Engineering. The student body is made up of 675 undergraduate and 192 graduate students. The department is committed to an extensive suite of facilities to enable leading research. The undergraduate and graduate programs are ranked 7th and 5th, respectively, among public institutions by U.S. News & World Report.

Applicants must have an earned doctorate in aerospace engineering or a closely related engineering or science discipline. Applicants should submit a cover letter, curriculum vitae, teaching statement, research statement, diversity statement and a list of four references (including postal addresses, phone numbers and email addresses) by applying for this specific position at <http://apply.interfolio.com/81411>. Full consideration will be given to applications received by March 1, 2021. Applications received after that date may be considered until the position is filled. It is anticipated the appointment(s) will begin Fall 2021. If you have any questions regarding this position, please contact Sarah Morgan: [s-morgan@tamu.edu](mailto:s-morgan@tamu.edu), (979) 845-7178.

Texas A&M University is committed to enriching the learning and working environment for all visitors, students, faculty, and staff by promoting a culture that embraces inclusion, diversity, equity, and accountability. Diverse perspectives, talents, and identities are vital to accomplishing our [mission](#) and living our [core values](#).

Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity.