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Assistant, Associate and Full Professor in The Department of Aerospace Engineering, College of Engineering at Texas A&M University

The Department of Aerospace Engineering, College of Engineering at Texas A&M University invites applications for five full-time tenured or tenure-track faculty positions with a 9-month academic appointment, and the possibility of an additional summer appointment contingent upon need and availability of funds, beginning September 1, 2020. Applicants will be considered for the faculty titles of assistant, associate and full professor. Candidates should have expertise in:

- Reactive Flow, Computational or Experimental, computational combustion, computational propulsion, numerical algorithm and code development; experience using numerical simulations on high-performance computing and computers to understand and study reactive flows; all fluid regimes of interest, and/or experimental studies of fundamental reactive flow and combustion, as applied to energy, safety, and propulsion; experience with shock and detonation tubes or other instrumentation and diagnostics for high studies of reactive flows. ([http://apply.interfolio.com/71107](http://apply.interfolio.com/71107))
- Flight Systems, aerodynamics, hypersonic flow, high temperature materials, boundary layer stability, turbulence modeling, wind tunnel testing, computational fluid dynamics and vehicle design. ([http://apply.interfolio.com/71267](http://apply.interfolio.com/71267))
- Human Spaceflight Systems, spacesuit systems and human factors, digital human modeling and simulation, aerospace materials (e.g. woven fabrics), embedded sensors, structural dynamics, partial gravity fluid physics, environmental life support systems, displays and controls, additive manufacturing, aerospace systems engineering/architectures, design for extreme environments, and spacecraft/habitat design. ([http://apply.interfolio.com/71277](http://apply.interfolio.com/71277))

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/](http://engineering.tamu.edu/aerospace/)).

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How to Apply

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 (optional) and a list of four references (including postal addresses, phone numbers and email addresses) by applying for the specific position provided in the above links. Full consideration will be given to applications received by December 30, 2019. Applications received after that date may be considered until position(s) are filled. It is anticipated the appointment(s) will begin fall 2020.

The vision of Department of Aerospace Engineering at Texas A&M is a nationally and internationally renowned program that attracts the world's top faculty and students and promotes a passion for learning and applying the knowledge of science and engineering to lead in providing solutions to the most challenging problems in the field. The forty-one tenured/tenure-track faculty include eight members of the National Academy of Engineering and seven endowed positions. The student body is made up of 610 undergraduate and 175 graduate students. The department is committed to an extensive suite of facilities to enable leading research. The graduate and undergraduate programs are ranked 6th and 7th, respectively, among public institutions by U.S. News & World Report.

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.

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