

Joint Faculty Appointment: Space Habitat Systems

The [Daniel Guggenheim School of Aerospace Engineering](#) and the [School of Civil and Environmental Engineering](#) at the Georgia Institute of Technology are seeking applications for a tenure-track faculty position in the area of space habitat systems. The position is expected to be a joint appointment between both schools. Multidisciplinary collaboration with related research groups and colleges at Georgia Tech is highly encouraged. Preference will be given to candidates at the assistant professor level, but appointments at the associate professor or professor level will be considered for qualified candidates.

Exciting challenges await the next generation of research engineers and scientists to create long duration human habitation systems for planetary and deep space exploration. Faculty candidates are sought with expertise in one or more of the following areas: space habitat structural design and construction, remote surface vehicles and exploration, in situ resource utilization, and human life support and supply systems. Design of structures in the extreme conditions of deep space provides unique opportunities in terms of new problems for mechanics and new challenges for structural design and engineering. The successful candidate will be an expert in structural engineering and mechanics who will make a connection between civil and aerospace engineering disciplines. We are particularly interested in the design and analysis of novel structures that can withstand the extreme conditions of outer space. The candidate's potential for career impact, growth, and creativity will be considered in addition to their specific area of expertise. We seek outstanding individuals who will conduct impactful research, teach graduate and undergraduate students, and create and sustain innovative programs to solve modern problems in space exploration. A demonstrated ability to conduct research and a strong commitment to education are required.

Georgia Tech is a top-ranked public research university situated in the heart of Atlanta, a diverse and vibrant city with great economic and cultural strengths. The Institute is a member of the University System of Georgia, the Georgia Research Alliance, and the Association of American Universities. Georgia Tech prides itself on its technology resources, collaborations, high-quality student body, and its commitment to diversity, equity, and inclusion. Georgia Tech is an equal education/employment opportunity institution dedicated to building a diverse community.

How To Apply

Applicants should submit: (1) letter of application, (2) curriculum vitae, (3) statement of research interests, (4) statement of teaching interests, (5) statement on advising/mentoring philosophy, (6) statement on approach to increasing diversity and inclusion, and (7) names and contact information for at least three references. To apply, visit academicjobsonline.com/ajo/jobs/##### and upload application materials as individual files. Requests for additional information may be directed to Vickie Brian (vickie.brian@ae.gatech.edu). Applications will be continuously accepted until the position is filled; however, screening of applications will begin on January 1, 2020. Candidates must have received their doctorate in a relevant field such as Civil Engineering, Environmental Engineering, or Aerospace Engineering by the start of employment.