

Assistant/Associate/Full Professor
Department of Mechanical & Aerospace Engineering
Herbert Wertheim College of Engineering
University of Florida

The Herbert Wertheim College of Engineering at the University of Florida invites applications for a full-time, tenure-track or tenured faculty position at the rank of Assistant/Associate/Full Professor in the Department of Mechanical & Aerospace Engineering (MAE) (<https://mae.ufl.edu/>).

The College has identified areas related to astronautics, hypersonics, and space systems as core areas of interest, thus, candidates whose research include, but not limited to, space propulsion, spacecraft guidance and control, space debris, space situational awareness, cis-lunar systems, or other related fields are invited to apply. As a comprehensive Carnegie R1 research university, opportunities are available for multidisciplinary collaboration with faculty in several areas such as agriculture, automation, environmental science, and transportation. The successful candidate will be able to access existing infrastructures at the university and interact/collaborate with faculty on projects sponsored by the leading sponsors (e.g., NASA, Air Force, Space Force, DARPA) on projects like Lisa, DebrisSat, Orbital Prime, and Space Biology. Additionally, collaborations can be established within existing College centers such as a new AFOSR Center for high-speed morphing aircraft, the AFOSR Center of Excellence in Assured Autonomy in Contested Environments (<https://ncr.mae.ufl.edu/aacoe.php>), the UF Transportation Institute (<https://www.transportation.institute.ufl.edu/>), the Institute for Food and Agricultural Sciences (<https://ifas.ufl.edu/>), and the UF Center for Coastal Solutions (<https://ccs.eng.ufl.edu/>). A large College initiative is also underway to expand research activities related to space systems and their operations as well as University wide to develop a space research center. The opportunity exists for the successful candidate to establish and grow a dynamic research enterprise at the University of Florida.

Minimum Requirements: The successful candidate will have a Ph.D. in Aerospace or Mechanical Engineering or a related field with a strong interest in collaboration. Candidates should have a solid foundation for interdisciplinary research and successful collaborative investigations in relevant disciplines, as demonstrated in their record of peer-reviewed publications and proposal writing. In addition to a passion for research, candidates should have a strong interest in teaching and mentoring graduate and undergraduate students.

The search committee will begin reviewing applications immediately and will continue to receive applications until the position is filled. All applications must be submitted through UFCareers at: <https://facultyjobs.hr.ufl.edu/>. (Please see Job Requisition #528627). Complete applications must include the following files in PDF format: (1) cover letter (**summary, introduction related to hiring emphasis areas, and any synergies with existing MAE focus areas and the CCS**), when composing your cover letter, please address to Dr. Norman Fitz-Coy, Search Committee Chair; (2) a curriculum vitae (including a 1-page CV highlights); and (3) the names, addresses, phone numbers, and email addresses of five references. **Additional required/supplemental documents should be uploaded as one PDF to the “other documents” selection in the application.** (4). Research program vision statement detailing short- and long-term goals, with a focus on how those plans will support the Department, College, and University. (5). Teaching statement describing the applicant’s teaching experience and vision for developing a teaching program at the University of Florida. (6). Up to three refereed journal or conference articles (co-) authored by the applicant. The anticipated start date is Fall 2024 with some flexibility for a later start based on individual needs.

The Mechanical & Aerospace Engineering Department (MAE) is one of the largest degree-granting units at the University of Florida. The Department has over 60 faculty members, 500 graduate students, 1900 undergraduate students and over \$18 million in annual research expenditures (2022 ASEE). BS, MS, and PhD degrees are offered in both Mechanical Engineering and Aerospace Engineering. MAE is home to over a dozen student societies and provides exceptional dedicated facilities and financial support for our student-led design/build/compete organizations that routinely capture top placement at national and international competitions. Traditional strengths in solid mechanics and design, thermal fluid systems, and dynamics and controls are leveraged in many interdisciplinary and cutting-edge efforts that include autonomous systems, multiphase turbulent systems, experimental mechanics, advanced manufacturing, novel energy systems, computational methods, soft-matter engineering, and aerospace technologies and systems.

The University of Florida is the flagship campus of the State of Florida university system and is ranked as the #1 best public US university according to the Wall Street Journal. UF recently announced a \$70 million artificial intelligence partnership with NVIDIA to create an AI-centric data center that houses the world's fastest AI supercomputer in higher education. For more information about the college, please visit <http://eng.ufl.edu>.

The final candidate will be required to provide an official transcript to the hiring department upon hire. A transcript will not be considered “official” if a designation of “Issued to Student” is visible. Degrees earned from an educational institution outside of the United States

are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES).

The University of Florida is an equal opportunity institution dedicated to building a broadly diverse and inclusive faculty and staff. The University of Florida is An Equal Employment Opportunity Institution. If accommodation due to a disability is needed to apply for this position, please call 352/392-2477 or the Florida Relay System at 800/955-8771 (TDD). Hiring is contingent upon eligibility to work in the US. Searches are conducted in accordance with Florida's Sunshine Law. The University of Florida is committed to nondiscrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information, and veteran status in all aspects of employment including recruitment, hiring, promotions, transfers, discipline, terminations, wage and salary administration, benefits, and training.