

## **Assistant/Associate Professor - Aerospace Systems, Computational Fluid Dynamics, or Hypersonics (Tenure-Track/Tenured)**

### **About the Job**

The Department of Aerospace Engineering and Mechanics (AEM) at the University of Minnesota seeks to fill one tenure-track faculty position in the area of aerospace systems (guidance, navigation and control), computational fluid dynamics, or hypersonics. The successful candidate is expected to have the potential to conduct a vigorous and significant research program and the ability to collaborate with researchers with a wide range of viewpoints. This candidate will participate in all aspects of the Department's mission, including (I) teaching undergraduate and graduate courses to a diverse group of students in aerospace engineering and mechanics; (II) participating in service activities for the department, university, broader scientific community, and society; and (III) supervising undergraduate and graduate students and developing an independent, externally-funded research program.

The intent is to hire at the assistant professor rank. However, exceptional applicants may be considered for higher rank and tenure depending upon experience and qualifications. It is anticipated that the appointment will begin fall 2023.

### **Qualifications**

Applicants must have an earned doctorate in a related field by the date of appointment.

### **About the Department**

The AEM department has vibrant and active research programs in all areas of aerospace engineering and mechanics, including fluid dynamics, hypersonics, aerospace systems, computational mechanics and aerospace structures and materials. The department is in the College of Science and Engineering at the University of Minnesota, which is a world-class research university with outstanding resources and programs in engineering and science, health sciences, social sciences and liberal arts. The AEM department has close ties with on-campus multidisciplinary centers, and convenient access to outstanding shared experimental and computational facilities, such as the [Gemini-Huntley Robotics Research Laboratory](#) of the [Minnesota Robotics Institute](#), the [Minnesota Nano Center](#), the [Characterization Facility](#), the [Center for Magnetic Resonance Research](#), and the [Minnesota Supercomputing Institute](#). More information about the department is available at <https://cse.umn.edu/aem>

The AEM department is committed to the goal of achieving a diverse faculty as a way to maximize the impact of its teaching and research mission. The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. To learn more about equity & diversity at UMN, visit [diversity.umn.edu](http://diversity.umn.edu).

### **Benefits**

#### **Working at the University**

At the University of Minnesota, you'll find a flexible work environment and supportive colleagues who are interested in lifelong learning. We prioritize work-life balance, allowing you to invest in the future of your career and in your life outside of work.

The University also offers a comprehensive benefits package that includes:

- Competitive wages, paid holidays, and generous time off
- Continuous learning opportunities through professional training and degree-seeking programs supported by the [Regents Scholarship](#)
- Low-cost medical, dental, and pharmacy plans
- Healthcare and dependent care flexible spending accounts
- University HSA contributions
- Disability and employer-paid life insurance
- Employee wellbeing program
- Excellent retirement plans with employer contribution
- Public Service Loan Forgiveness (PSLF) [opportunity](#)
- Financial counseling services
- Employee Assistance Program with eight sessions of counseling at no cost

Please visit the [Office of Human Resources website](#) for more information regarding benefits.

## How To Apply

Applications must be submitted online. To be considered for this position, go to the Interfolio job site (<http://apply.interfolio.com/114536>) and follow the application instructions. To request an accommodation during the application process, please e-mail [employ@umn.edu](mailto:employ@umn.edu) or call (612) 624-UOHR (8647).

## Diversity

The University recognizes and values the importance of diversity and inclusion in enriching the employment experience of its employees and in supporting the academic mission. The University is committed to attracting and retaining employees with varying identities and backgrounds.

The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. To learn more about diversity at the U: <http://diversity.umn.edu>.

## Employment Requirements

Any offer of employment is contingent upon the successful completion of a background check. Our presumption is that prospective employees are eligible to work here. Criminal convictions do not automatically disqualify finalists from employment.

Please note: All employees at the University of Minnesota are required to comply with the University's Administrative Policy: COVID-19 Vaccination and Safety Protocol by either providing proof of being fully vaccinated on their first day of employment, or complete a request for an exemption for medical exemption or religious reasons. To learn more please visit: <https://safe-campus.umn.edu/return-campus/get-the-vax>

## About the University of Minnesota – Twin Cities (UMTC)

The University of Minnesota, Twin Cities (UMTC), is among the largest public research universities in the country, offering undergraduate, graduate, and professional students a multitude of opportunities for study and research. Located at the heart of one of the nation's most vibrant, diverse metropolitan communities, students on the campuses in Minneapolis and St. Paul benefit from extensive partnerships with world-renowned health centers, international corporations, government agencies, and arts, nonprofit, and public service organizations.