

Open Rank Tenured or Tenure-Eligible Position in Cyber-physical Systems
University of Virginia

Direct Link: <https://www.AcademicKeys.com/r?job=245375>

Downloaded On: Nov. 21, 2024 6:44pm

Posted Sep. 18, 2024, set to expire Jan. 18, 2025

Job Title	Open Rank Tenured or Tenure-Eligible Position in Cyber-physical Systems
Department	Mechanical and Aerospace Engineering https://engineering.virginia.edu/departments/mechanical-and-aerospace-engineering
Institution	University of Virginia Charlottesville, Virginia
Date Posted	Sep. 18, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Mechanical Engineering Electrical and/or Electronics Computer Engineering Aerospace/Aeronautical/Astronautics
Apply Online Here	https://apply.interfolio.com/151048
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Job Description	

Description

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The School of Engineering & Applied Science (SEAS) at the University of Virginia (UVA) seeks well-qualified applicants for an Open Rank (Assistant, Associate, or Professor) Tenured/Tenure-track faculty position in the Department of Mechanical and Aerospace Engineering (MAE) or Electrical and Computer Engineering (ECE). We seek excellent candidates who can complement and expand on UVA Engineering's existing strengths and collaboratively work with in current focus areas such as smart health, cyber physical systems, and flexible electronics. Successful candidates will be expected to develop internationally recognized sustainable research programs and to make significant contributions to the department's teaching and service responsibilities. Example research areas of interest for applicants include but are not limited to cyber-physical systems (CPS), flexible electronics, smart textiles, digital health, biomechanics, precision medicine.

The primary responsibilities for these positions include research, teaching, and service to the department and the community at large. The appointment rank will be commensurate with experience. A doctoral degree in a relevant field is required. A commitment to scholarship, funded research, and teaching excellence is essential, as is evidence of an explicit commitment to diversity and advancing understanding and outcomes for underrepresented groups. UVA is proud to have a strong culture of collaboration and collegiality and is committed to creating collaborative and diverse environments necessary to solve the next generation of research challenges. UVA Engineering has a dynamic, growing, and diverse faculty who create a cultivating and energetic environment. The department provides a welcoming environment for researchers from diverse technical backgrounds to develop an academic career.

The University of Virginia's 2030 plan recognizes Precision Medicine/Precision Health as a major societal challenge and an opportunity for multidisciplinary work that draws on our existing strengths. In partnership, the Provost and the deans of various schools are making multiple coordinated faculty recruitments to strengthen the research community focusing on Precision Health for Populations across the University. Recruits will receive support from the Provost and from their school and will participate in the Precision Health for Populations Initiative. This is part of a major Grand Challenges research investment of over \$50M in Precision Medicine/Precision Health

This position is based in Charlottesville at our principal location. UVA is a highly selective undergraduate and graduate institution that annually ranks as one of the premiere public universities in the United States, with one of the highest graduation rates in the nation. UVA is situated in Charlottesville, Virginia, a picturesque and vibrant small city consistently recognized as one of the nation's top places to reside. UVA's location offers proximity to Washington D.C., enriching opportunities for collaboration and engagement with numerous federal organizations. More information about the city, the school, faculty benefits and other topics can be found at <https://hr.virginia.edu/careers-uva/why-uva>

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Qualifications

Candidates must have received a doctorate or equivalent in mechanical or electrical engineering or a closely related field by the start of their appointment. Evidence of a commitment to high-impact scholarship, funded research, undergraduate- and graduate-level teaching and advising excellence, professional and university service, and mentoring are expected.

In conjunction with these positions, senior graduate students are eligible and encouraged to consider the UVA Engineering Rising Scholars program. This program is designed to encourage early-career scholars to pursue a career in academia by supporting their postdoctoral work before beginning in a tenure-track position at the University of Virginia. Detailed information and application instructions are available at <https://engineering.virginia.edu/rising-scholars-postdoctoral-program>.

Application Instructions

Apply for this position in [Interfolio](#). Provide the following in PDF format:

- Cover letter that addresses your areas of research/scholarship and your interest in UVA
- Curriculum vitae
- Statement of research interests and plans
- Statement of teaching philosophy
- Statement of demonstrated past experience working on issues of diversity, equity, and inclusion and/or working with diverse populations, as well as plans to promote equity, inclusion, and diversity in your future careers as researchers and educators

You will also request 3-5 references directly in Interfolio by providing names and contact information in the application. These reference requests will be generated immediately once you submit your application.

Review of applications will begin on October 15, 2024 and will continue until the position is filled. The University will perform background checks on all new faculty hires prior to making a final offer of employment.

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EEO/AA Policy

The University of Virginia, including the UVA Health System which represents the UVA Medical Center, Schools of Medicine and Nursing, UVA Physicians Group and the Claude Moore Health Sciences Library, are fundamentally committed to the diversity of our faculty and staff. We believe diversity is excellence expressing itself through every person's perspectives and lived experiences. We are equal opportunity and affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex, pregnancy, sexual orientation, veteran or military status, and family medical or genetic information.

Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

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