Professor and Chair
George Mason University

Job Title	Professor and Chair
Department	Department of Electrical and Computer Engineering
Institution	George Mason University
	Fairfax, Virginia
Date Posted	Sep. 18, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professor
	Department Head/Head/Chair
Academic Field(s)	Electrical and/or Electronics
	Computer Science
Apply Online Here	https://jobs.gmu.edu
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Job Description	

Professor and Chair, Department of Electrical and Computer Engineering

Req #10000923

About the Department:

The Electrical and Computer Engineering (ECE) Department offers bachelor's and master's degrees in both Electrical Engineering and Computer Engineering, a PhD in Electrical and Computer Engineering, as well as master's degrees in Digital Forensics and Telecommunications. The department is home to 30 faculty members and over 800 students, including about 300 graduate students. The department's research portfolio is thriving, with faculty actively engaged in research in a diverse range of fields such as bioengineering, communications and networking, computer engineering, controls and robotics, cyber-physical systems, cyber security, digital forensics, machine learning, nanoelectronics, power systems, signal processing, and space-based systems. The

ECE department also supports other Mason Engineering programs through interdisciplinary collaboration in both education and research and has close ties with other departments such as the Departments of Bioengineering, Computer Science, Cyber Security Engineering, Information Sciences and Technology, and Mechanical Engineering. Projects and hands-on activities are at the core of many of our educational programs where interdisciplinary projects and courses are highly integrated into the curriculum. Thousands of students have graduated from the department's accredited programs and gone on to prosperous careers in engineering and related fields. The department has close collaborations with the industry and receives strategic direction and insight on cutting edge technologies from its company partners and industrial advisory board that translates into innovative curricular and research initiatives. Further information about the department is available at http://ece.gmu.edu.

About the College

The College of Engineering and Computing at George Mason University is comprised of the Volgenau School of Engineering and the School of Computing. The College is a fast-growing force for innovation in research and education. Ranked nationally in the top 100 in both undergraduate and graduate education, the College boasts more than 11,000 students in 37 undergraduate, master's, and doctoral degree programs, including several first-in-the-nation offerings. Of the 320 full-time faculty who comprise the College, 93 are tenured, 77 are tenure-track, 90 are instructional faculty, and 60 are research faculty. As part of a nationally ranked research university, its research teams expended more than $70 million in sponsored research awards last year and has projects with over $400 million in current and anticipated awards. Located in the heart of Northern Virginia's technology corridor, George Mason Engineering stands out for its research in many leading areas including artificial intelligence, data analytics engineering, cybersecurity engineering, biomedical imaging and devices, autonomous systems, 5G communications, systems architectures, computational biomedicine, community-based healthcare, advanced materials and manufacturing, sustainable infrastructure, and more. The College highly encourages multidisciplinary research and provides faculty with opportunities to work with other disciplines.

About the University and the Region

George Mason University is the largest and most diverse public research university in Virginia, with an enrollment of 40,000 students studying in over 200 degree programs. George Mason is an innovative, entrepreneurial institution with national distinction in a range of academic fields. It was classified as an R1 research institution in 2016 by the Carnegie Classifications of Institutes of Higher Education. George Mason is located in the city of Fairfax, in Northern Virginia, at the doorstep of the Washington, D.C., metropolitan area, with unmatched geographical access to a number of federal agencies and national laboratories. Northern Virginia is also home to one of the largest concentrations of high-tech firms in the nation, providing excellent opportunities for interaction with industry. Fairfax is consistently rated as being among the best places to live in the country and has an outstanding local public school system.

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About the Future

In conjunction with Amazon's decision to establish a second headquarters in Northern Virginia, the Commonwealth of Virginia announced a multi-year plan to invest in the growth of degree programs in computing. George Mason University has committed to accelerating its plans to increase its capacity in engineering and computing. Some of the university's exciting plans are the launch of the Institute for Digital InnovAtion (IDIA), a university think tank and incubator to serve the digital economy, and the expansion of its Arlington Campus with a 360,000 square foot building–Fuse at Mason Square. Fuse will become the nexus of Mason's transdisciplinary research, entrepreneurship, and academic program efforts in digital innovation, and will unite the public and private sectors in a collaborative alliance to address the world's grand challenges.

About the Position:

The George Mason University Department of Electrical and Computer Engineering (ECE) within the College of Engineering and Computing (CEC) invites applications for the position of Department Chair. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages applications from candidates who will enrich Mason's academically and culturally inclusive environment.

Responsibilities:

- Reporting to the Dean of the College, the Department Chair is the chief academic and administrative leader for the department and serves as a key member of the College's leadership team;

- The Chair of Electrical and Computer Engineering will provide vision and leadership to advance the department, positioning the department as a leader in innovation and education in electrical and computer engineering; and

- They will guide a robust scholarship and research agenda, promote excellence in undergraduate and graduate education, including the development of collaborative academic programs, and grow the overall student enrollment of the department including the proportion of women and underrepresented minorities in the educational programs.

Required Qualifications:

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Professor and Chair
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Applicants must have received a PhD in Electrical Engineering, Computer Engineering, or a related field and qualify to be a tenured professor in the department;

- Applicants must have an outstanding record in research with strong evidence of funding;

- Possess an outstanding record of teaching and educational leadership;

- Possess a track record of effective mentoring of peers, staff, and students;

- Demonstrated leadership experience;

- Outstanding oral and written communication skills;

- Unassailable personal and academic integrity; and

- Possess a vision to advance the department to new heights through a strong sense of where the field is headed and an understanding of its sub-disciplines.

Preferred Qualifications:

Preference will be given to applicants who have previous administrative experience and demonstrated experience with inter-disciplinary teams.

Instructions to Applicants:

For full consideration, applicants must apply for**Professor and Chair, Department of Electrical and Computer Engineering**at**https://jobs.gmu.edu/**; complete and submit the online application; and upload the following required documents: (1) a cover letter, (2) a complete CV, and (3) a research, teaching, and leadership statement articulating professional goals (to attach as 'Other Doc', maximum of 6 pages). The review of applications will begin November 1, 2024 and continue until the position is filled.

Criminal Background Check: Yes

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Mason Ad Statement

Mason is currently the largest and most diverse university in Virginia with students and faculty from all 50 states and over 135 countries studying in over 200 degree programs at campuses in Arlington, Fairfax and Prince William, as well as at learning locations across the commonwealth. Rooted in Mason's diversity is a campus culture that is both rewarding and exciting, work that is meaningful, and opportunities to both collaborate and create.

If you are interested in joining the Mason family take a look at our current opportunities and catch some Mason spirit at jobs.gmu.edu/!

George Mason University, Where Innovation is Tradition.

George Mason University is an equal opportunity/affirmative action employer, committed to promoting inclusion and equity in its community. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or veteran status, or any characteristic protected by law.

Contact Information

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

Contact

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