

Electrical, Optical, or Computer Engineering Open Rank
Tenure-track Faculty Positions
University of Maryland, Baltimore County

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Posted Sep. 3, 2024, set to expire Jan. 5, 2025

Job Title	Electrical, Optical, or Computer Engineering Open Rank Tenure-track Faculty Positions
Department	Department of Computer Science & Electrical Engineering http://csee.umbc.edu
Institution	University of Maryland, Baltimore County Baltimore, Maryland
Date Posted	Sep. 3, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Optics & Optical Engineering Electrical and/or Electronics Computer Engineering
Job Website	http://csee.umbc.edu/jobs
Apply Online Here	https://apply.interfolio.com/132913
Apply By Email	
Job Description	

Description

The Department of Computer Science and Electrical Engineering (CSEE) at the University of Maryland, Baltimore County (UMBC) invites applications for multiple open rank, tenured/tenure-track

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positions across all areas of Computer and Electrical Engineering including but not limited to VLSI/ASIC/FPGA, hardware security and trust, neural computation device and circuits, intelligent autonomous systems, semiconductor, photonic-integrated-circuits, nanotechnology, signal processing and sensing systems, 5G/6G wireless systems and biomedical engineering. Applicants should have or be completing a Ph.D. in a relevant discipline, have a strong research record with the potential to develop a funded research program, have a strong commitment to undergraduate and graduate teaching, and have a strong commitment to diversity and inclusive excellence. Candidates will be expected to build and lead a team of student researchers, obtain external research support, and teach both graduate and undergraduate courses.

We are committed to inclusive excellence and innovation and welcome applications from women, minorities, veterans, and individuals with disabilities. **UMBC is an affirmative action/equal opportunity employer.**

The CSEE department is research-oriented and multi-disciplinary with programs in Computer Engineering, Electrical Engineering, Computer Science, Data Science, and Cybersecurity. Our diverse faculty (46 tenure-track, 23 teaching, and 7 research) enjoy collaboration, working across our specializations as well as with colleagues from other STEM, humanities and the arts departments, and external partners. We have more than 2,000 undergraduate CS and CE majors and more than 1200 graduate students in our CS, CE, EE, Data Science, and Cybersecurity graduate programs. We have awarded 415 Ph.D. degrees since our establishment in 1986. Our research is supported by a growing and diverse portfolio from government and industrial sponsors with around \$8M in yearly research expenditures. We work to help new colleagues be successful by providing competitive startup packages, reduced teaching loads, and active mentoring.

The College of Engineering and Information Technology (COEIT) at UMBC crosses the boundaries of engineering, computing, and information disciplines to develop research and educational programs that engage faculty, students, and staff from all the disciplines. COEIT is deeply committed to the success of all our faculty. We have formal programs including “launch committees” to encourage regular and structured mentorship for faculty to start successfully, mentoring programs to provide support in the longer term, shared services for grant finance support, grant writing and editing support, monthly gatherings in which faculty share lunch and community, and we encourage all of our faculty to participate in the university’s eminent scholar mentor program to build relationships with leaders in the field beyond UMBC. You can read more about these programs and our Diversity & Inclusion initiatives on our website at <https://coeit.umbc.edu>.

The University of Maryland, Baltimore County (UMBC) community redefines excellence in higher education through an inclusive culture that connects innovative teaching and learning, research across disciplines, and civic engagement. We advance knowledge, economic prosperity, and social justice by welcoming and inspiring inquisitive minds from all backgrounds (

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<http://facultydiversity.umbc.edu>). Known for Inclusive Excellence, we are a Minority Serving Institution with 52% of the student body identifying as a racial or ethnic minority in 2020. According to the 2022 US News and World Best Colleges Report, UMBC placed 9th in the Best Undergraduate Teaching category and 10th in the Most Innovative Schools category. To continue to support this goal, the Faculty Development Center leads the nation in supporting and guiding faculty in their educational mission with regular workshops and pedagogical demonstrations. In the 2022 Chronicle of Higher Education Great College to Work For rankings, UMBC is on the list for the 14th year in a row and is in the Honor roll for the 12th year.

UMBC is a Carnegie R1 Doctoral University that is leading the world in inclusive excellence in research and teaching (<https://research.umbc.edu/fast-facts/>). We are redefining how to teach, and we are one of the most innovative universities in the nation, according to US News. Our research is bold, cross disciplinary, and leverages our location near the hospitals in Baltimore, NIH, NASA, NSF, DoD, and USGS. Inclusive excellence also means being a strong community partner in Baltimore, and the UMBC Shriver Center and Center for Democracy and Civil Life help forge and maintain connections. Social justice is core to our mission in Baltimore, Maryland, and beyond.

UMBC's campus is located on 500 acres just off I-95 between Baltimore and Washington DC, and less than 10 minutes from the BWI airport and Amtrak station. The campus includes the bwtech@UMBC research and technology park, which has special programs for startups focused on cybersecurity, clean energy, life sciences, and training. We are surrounded by one of the greatest concentrations of commercial, cultural, and scientific activity in the nation. Located at the head of the Chesapeake Bay, Baltimore has all the advantages of modern, urban living, including professional sports, major art galleries, theaters, and a symphony orchestra. The city's famous Inner Harbor area is an exciting center for entertainment and commerce. The nation's capital, Washington, DC, is a great tourist attraction with its historical monuments and museums. Just ten minutes from downtown Baltimore and 30 from the D.C. Beltway, UMBC offers easy access to the region's resources by car or public transportation.

Qualifications

Applicants should have or be completing a Ph.D. in a relevant discipline, have a strong research record with the potential to develop a funded research program, have a strong commitment to undergraduate and graduate teaching, and have a strong commitment to diversity and inclusive excellence. Candidates will be expected to build and lead a team of student researchers, obtain external research support, and teach both graduate and undergraduate courses.



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Application Instructions

Applicants should submit a cover letter, a statement of research experience and interests, a statement of teaching experience and interests, a statement of commitment to diversity and inclusive excellence, a CV, and three letters of recommendation to <https://apply.interfolio.com/132913>. Applications will be accepted until the position is filled. Please send questions to jobsTT@csee.umbc.edu and see <http://csee.umbc.edu/jobs> for more information.

Contact Information

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

Contact