

Assistant/Associate/Full Professor with endowment in
Electrical Engineering (Tenure Track/Tenured)
Old Dominion University

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Posted Jan. 7, 2025, set to expire Nov. 1, 2025

Job Title	Assistant/Associate/Full Professor with endowment in Electrical Engineering (Tenure Track/Tenured)
Department	ELEC & COMP ENGINEERING
Institution	Old Dominion University Norfolk, Virginia
Date Posted	Jan. 7, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Electrical and/or Electronics Computer Engineering
Job Website	https://jobs.odu.edu/postings/22451

Apply By Email

Job Description

The Department of Electrical and Computer Engineering (ECE) at the Batten College of Engineering and Technology (BCET) at Old Dominion University (ODU) in Norfolk, VA, invites applications for an open-rank, tenure-track or tenured faculty position (Assistant, Associate, or Full Professor) in bioelectrics, with a start date in **Fall 2025**.

We strongly encourage applications from candidates with a foundation in bioelectrical engineering, biomedical engineering, biophysics, or related fields, with a particular emphasis on those conducting research in nanosecond pulsed electric fields (nsPEF).

We also seek candidates whose expertise lies at the intersection of bioelectrics and fields such as;

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1. Medical Imaging and Diagnostics.
2. Drug/Gene Delivery.
3. Tissue Engineering.
4. Regenerative Medicine.
5. Electrotherapy and Neuromodulation.
6. Neural Interfaces and Brain-Computer Interfaces.
7. Cancer Treatment.
8. Integration of artificial intelligence (AI).
9. Machine learning (ML) in bioelectric-related research.

More specifically, the research is expected to have an impact on local and regional communities, including advancements in treatments for cancer and neurological disorders, directly benefiting public health and potentially leading to groundbreaking therapeutic strategies.

The home department for this position is the ECE department. The selected candidate will also hold a core faculty affiliation with the newly established Institute for Engineering in Medicine, Health & Human Performance (EnMed) and the Frank Reidy Research Center for Bioelectrics (FRCBE), which advance bio-related research and education across the Batten College of Engineering and Technology. The EnMed Institute administers the Biomedical Engineering program, and the selected candidate is expected to play a key role in supporting its mission and growth.

Candidates will be expected to:

1. Develop and sustain an externally funded research program.
2. Teach in electrical engineering/biomedical engineering courses to a diverse student body.
3. Advise students.
4. Perform service obligations, including serving on committees.
5. Have a demonstrated commitment to diversity, equity, and inclusion.
6. Collaborate with faculty members in ECE, BCET, and the university with complementary expertise, including those in the Macon & Joan Brock Virginia Health Sciences, which includes the Eastern Virginia Medical School.

This position is expected to be made at the rank of Assistant Professor, but an appointment at a higher rank will be considered for exceptionally qualified candidates. Appointments at the Full Professor rank will be considered for a Batten Endowed Chair in Bioelectrics. Senior candidates should exhibit a strong track record of establishing and maintaining a productive, high-impact research program, as well as effectively mentoring graduate students. They are also expected to demonstrate excellence in teaching at both undergraduate and graduate levels, with a portfolio of distinguished research published in reputable journals and conferences recognized nationally or internationally. Additionally, candidates should have a substantial record of scholarship within an academic setting that supports both undergraduate and graduate programs. Strong communication and interpersonal skills, along with

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a proven ability to secure external funding, are essential for this role.

Contact Information

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

Contact

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