

Associate/Full Professor and Inaugural Director of the
Institute for Engineering in Medicine, Health, & Human
Performance (Tenure Track/Tenured)
Old Dominion University

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Posted Jan. 12, 2024, set to expire Oct. 31, 2024

Job Title Associate/Full Professor and Inaugural Director of the
Institute for Engineering in Medicine, Health, &
Human Performance (Tenure Track/Tenured)

Department COLLEGE OF ENGINEERING & TECH

Institution Old Dominion University
Norfolk, Virginia

Date Posted Jan. 12, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Professor
Director/Manager
Associate Professor

Academic Field(s) Bioengineering (all Bio-related fields)

Job Website <https://jobs.odu.edu/postings/20113>

Apply By Email

Job Description

The Batten College of Engineering & Technology (BCET) at Old Dominion University (ODU) seeks an experienced, accomplished, and visionary leader to serve as the inaugural Director of a newly Institute for Engineering in Medicine, Health, & Human Performance (EnMed) starting Fall 2024. This will be a 10-month tenure track/tenured faculty appointment at the Associate or Full professor rank. This position is open to candidates from all engineering disciplines in any of the academic departments in the BCET. The appointment will be in one of the five BCET departments depending on the selected candidate's background and expertise.

The primary responsibility of the Institute Director is to provide strategic leadership for the institute to

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realize its vision and mission in alignment with the **BCET's Strategic Plan "Focus on the Future"**.

The Director will also be expected to teach undergraduate and graduate courses in their field. The inaugural Director will work collaboratively with the institute faculty to:

- Establish effective strategic goals and develop a robust strategic plan for enhancing the quality, quantity, and impact of the sponsored research activities;
- Encourage the institute faculty to seek convergent research opportunities that deepen the integration of engineering solutions into the medical and healthcare innovation ecosystem, particularly in the Hampton Roads region;
- Oversee and coordinate the research activities and foster a culture of innovation within the institute;
- Identify strengths, gaps, needs, and sustained growth opportunities;
- Promote excellent research through synergistic interdisciplinary collaboration among the institute faculty and other faculty in the college, across campus and faculty affiliated with the Eastern Virginia Medical School (EVMS);
- Cultivate relationships and develop partnerships with other universities, government, industry, and funding agencies;
- Create new and improve existing interdisciplinary engineering academic programs relevant to the institute mission (e.g. Biomedical Engineering);
- Communicate research impact and represent the institute to the public and stakeholders; and
- Advise the Dean on all matters relating to the Institute and its mission.

About the Institute:

The EnMed institute brings together faculty and students across the College who have mutual interests in the application of engineering concepts and tools to positively impact patient outcomes and human performance in the local Hampton Roads community, the State of Virginia, and beyond. As an interdisciplinary home for biomedical research, EnMed is founded on unique academic, industrial, and military footprints at ODU and in Hampton Roads. In its unique mission, the EnMed Institute differentiates itself from other biomedical research institutes through its holistic perspective of engineering within human health and wellness. The vision of EnMed is to be recognized as a leader of innovation and discovery in interdisciplinary research that prepares a talent pool of future biomedical engineers.

The EnMed Institute will leverage the pioneering innovations by faculty, ODU research centers such as the Frank Reidy Research Center for Bioelectrics and the Virginia Modeling and Simulation Center (VMASC), symbiotic collaborations with the military, space, and nuclear physics communities, and ODU's historic footprint in computer simulation. The EnMed institute is also poised to bridge the BCET with Eastern Virginia Medical School (EVMS), effectively utilizing the upcoming merger of EVMS and

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ODU. The future of EnMed lies in its unique and unparalleled commitment to revolutionizing therapies and diagnostics, computer-assisted medicine, and biomechanics. Moreover, EnMed supports the education and mentoring of the next generation of engineers, academics and entrepreneurs, in lockstep with emerging trends in the field while championing diversity and inclusion.

Contact Information

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

Contact

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