

Assistant Professor of Biomedical Engineering  
George Washington University

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Downloaded On: Dec. 25, 2024 2:44am

Posted Dec. 4, 2024, set to expire Apr. 7, 2025

<b>Job Title</b>	Assistant Professor of Biomedical Engineering
<b>Department</b>	Biomedical Engineering <a href="https://bme.engineering.gwu.edu/">https://bme.engineering.gwu.edu/</a>
<b>Institution</b>	George Washington University Washington, District of Columbia
<b>Date Posted</b>	Dec. 4, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Aug. 1, 2025
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Bioengineering (all Bio-related fields)
<b>Job Website</b>	<a href="https://www.gwu.jobs/postings/115529">https://www.gwu.jobs/postings/115529</a>
<b>Apply Online Here</b>	<a href="https://www.gwu.jobs/postings/115529">https://www.gwu.jobs/postings/115529</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

**Position Description Summary:**

The Department of Biomedical Engineering in the School of Engineering and Applied Science at The George Washington University invites applications for a tenure-track faculty position at the rank of Assistant Professor, with an anticipated start date of Fall 2025. We seek candidates with expertise in digital health and medical imaging, with a strong emphasis on artificial intelligence and machine learning (AI/ML).

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**Specific Duties and Responsibilities:**

The successful candidate will join a collaborative, interdisciplinary biomedical community with strengths that span a broad spectrum of research topics, including but not limited to the use of advanced AI/ML approaches for medical imaging and digital health, biophotonic tools to advance personalized medicine, new technologies for understanding electrical conduction abnormalities in the heart, developing next-generation biocompatible recording and simulation devices, and engineering novel therapeutic platforms for cancer treatment. They will also engage with multiple departments within the School of Engineering & Applied Science and across the university, including the School of Medicine and Health Sciences, Milken Institute School of Public Health, School of Nursing, GW Hospital, and the GW Trustworthy AI initiative, to foster synergistic research collaborations. We specifically welcome candidates with the potential to enhance our BME curriculum in medical imaging, digital health, and AI.

**Minimum Qualifications:**

All applicants must have an earned doctorate in biomedical engineering or a related field. Applicants must demonstrate potential for excellent teaching and for attracting externally funded research.

**Advertised Salary:**

\$120,000- \$160,000

**Other Benefits:**

Health Benefits: This position is eligible for full-time health benefits. For more information, please visiting: <https://hr.gwu.edu/health-benefits>.

**Other Information:**

The George Washington University is in the center of Washington DC. The metropolitan area sustains the second largest concentration of research and development activity in the United States, creating a continuing demand for rigorously trained engineers and many research opportunities. With the National Institutes of Health, the Food and Drug Administration, and other agencies, laboratories, and foundations, as well as a rapidly growing biotechnology industry, the DC area is a global hub for

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biomedical research.

The GW Department of Biomedical Engineering consists of 11 full-time faculty, 12 affiliated and secondary faculty, and 3 adjunct faculty. Approximately 200 students are enrolled in its degree programs. The Department offers BS, MS, and PhD degrees in Biomedical Engineering. The University's medical school and hospital, adjacent to the engineering school, are active collaborators in numerous BME research efforts. The School of Engineering and Applied Science, including BME, occupies the 500,000 square-foot Science and Engineering Hall, featuring a state-of-the art imaging facility, nanofabrication facility, and other modern BME research and instructional laboratories. To learn more about the department, please visit our website at <http://bme.seas.gwu.edu>.

With one of the highest percentages of women engineering students nationally and a high number of doctoral degrees awarded to students from groups underrepresented in engineering, the School of Engineering and Applied Science is fundamentally committed to increasing the diversity of its faculty and staff. We welcome nominations of and applications from women, members of groups underrepresented in engineering, veterans, and individuals with disabilities. We also welcome others who would bring aspects of diversity to the university's research, teaching, and service missions.

**Special Instructions to Applicants:**

Please complete online faculty application and upload a cover letter, CV, research statement, teaching statement, and provide the names and contact information for five references. Review of applications will commence on December 19, 2024 and will continue until the position is filled. Only complete applications will be considered.

**EEO/AA Policy**

The university is an Equal Employment Opportunity/Affirmative Action employer that does not unlawfully discriminate in any of its programs or activities on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity or expression, or on any other basis prohibited by applicable law.

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**Contact Information**

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

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