

Postdoc in Biomedical Engineering Stevens Institute of Technology

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Posted Jul. 6, 2025, set to expire Nov. 5, 2025

Job Title Postdoc in Biomedical Engineering
Department Biomedical Engineering Department
Institution Stevens Institute of Technology
Hoboken, New Jersey

Date Posted Jul. 6, 2025

Application Deadline Aug. 31, 2025

Position Start Date Sep. 1, 2025

Job Categories Post-Doc

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

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Job Description

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We are seeking a highly motivated postdoctoral researcher to lead the development of tissue bioreactors. The ideal candidate should have a strong background in bioinstrumentation, biomechanics, and/or tissue engineering and be capable of integrating innovative approaches to enhance bioreactor functionality. The Postdoc will work in a highly interdisciplinary environment.

Required Qualifications:

- Ph.D. in biomedical engineering, mechanical engineering, or related disciplines.
- Outstanding communication skills (both oral and written).

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- A record of publications and presentations.
- Ability to work effectively in a multidisciplinary and collaborative environment.

Preferred Qualifications:

- Experience with design, characterization, and validation of biomedical devices.
- Hands-on experience in device fabrication and computer simulation.
- Experience in cell and tissue culture, processing, and analysis.

Responsibilities:

- Develop and propose innovative solutions to biomedical challenges by formulating hypotheses, designing experimental studies, conducting experiments, analyzing data, and authoring research publications.
- Present research findings through regular group meetings, internal seminars, national and international conferences, and peer-reviewed journal publications.
- Supervise and mentor graduate and undergraduate students, as well as visiting researchers, providing guidance on experimental techniques and scientific development.

Applications – Please provide the following documents:

- Curriculum Vitae
- Personal statement

EEO/AA Policy

EEO Statement:

Stevens Institute of Technology is an Equal Opportunity Employer. Accordingly, Stevens adheres to an employment policy that prohibits discriminatory practices or harassment against candidates or employees based on legally impermissible factor(s) including, but not necessarily limited to, race, color, religion, creed, sex, national origin, nationality, citizenship status, age, ancestry, marital or domestic partnership or civil union status, familial status, affectional or sexual orientation, gender identity or expression, atypical cellular or blood trait, genetic information, pregnancy or pregnancy-related medical conditions, disability, or any protected military or veteran status.

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Stevens is building a diverse faculty, staff, and student body and strongly encourages applications from people of all backgrounds. Stevens is a federal contractor under the Vietnam Era Veterans' Readjustment Assistance Act (VEVRAA) and the Rehabilitation Act of 1973, as well as other federal statutes.

NSF ADVANCE Institution Stevens values diversity and seeks candidates who will contribute to a welcoming and inclusive environment for students, faculty, and staff of all backgrounds. We are an NSF ADVANCE institution committed to equitable practices and policies and strongly encourage applications from women, racial and ethnic minority candidates, veterans, and individuals with disabilities.

Jeanne Clery Disclosure:

In accordance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (Clery Act), the Department of Public Safety is required to publish an annual security report which includes statistics mandated by the Clery Act. Click [here](#) for a copy of this report.

Contact Information

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

Contact

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