

Postdoctoral  
Stevens Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=258710>

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Posted Jun. 25, 2025, set to expire Oct. 25, 2025

**Job Title** Postdoctoral

**Department** Biomedical Engineering

**Institution** Stevens Institute of Technology  
Hoboken, New Jersey

**Date Posted** Jun. 25, 2025

**Application Deadline** Open until filled

**Position Start Date** Available immediately

**Job Categories** Post-Doc

**Academic Field(s)** Bioengineering (all Bio-related fields)  
Mechanical Engineering

**Job Website** [https://stevens.wd5.myworkdayjobs.com/External/job/Hoboken-NJ---Main-Campus/Postdoctoral\\_RQ29230-1](https://stevens.wd5.myworkdayjobs.com/External/job/Hoboken-NJ---Main-Campus/Postdoctoral_RQ29230-1)

**Apply By Email**

**Job Description**

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

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**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 include the following documents into a single PDF File:**

- Curriculum Vitae
- Personal statement

**Department**

Biomedical Engineering

**Compensation Range**

In compliance with the New Jersey Wage Transparency Act, the semi-monthly base range for this position is \$56,500- \$61,000. This range represents the University's good faith estimate of possible compensation at the time of posting. Stevens Institute of Technology determines compensation based on factors including the position's scope and responsibilities, the candidate's experience, education, skills, internal equity, market data, and organizational considerations. The final salary will be set considering departmental budget, qualifications, and relevant credentials. This pay range represents base pay only and excludes additional forms of compensation, such as incentives, stipends, or other applicable pay components. For a full overview of our benefits offerings, please refer to the Stevens Institute of Technology Benefits Guidebook, available at:

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[Benefits Guidebook](#)

**General Submission Guidelines:**

Please submit an online application to be considered a candidate for any job at Stevens. Please attach a cover letter and resume with each application. Other requirements for consideration may depend on the job.

**Still Have Questions?**

If you have any questions regarding your application, please contact [Jobs@Stevens.edu](mailto:Jobs@Stevens.edu).

**Contact Information**

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

**Contact**

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