

Empire Innovation Associate/Full Professor, Biomedical  
Engineering, Bioengineering and Regenerative Medicine  
(Tenure-Track/Tenured)  
Stony Brook University

Direct Link: <https://www.AcademicKeys.com/r?job=264065>

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Posted Oct. 17, 2025, set to expire Feb. 13, 2026

**Job Title** Empire Innovation Associate/Full Professor,  
Biomedical Engineering, Bioengineering and  
Regenerative Medicine (Tenure-Track/Tenured)

**Department** Biomedical Engineering

**Institution** Stony Brook University  
Stony Brook, New York

**Date Posted** Oct. 17, 2025

**Application Deadline** Open until filled

**Position Start Date** Fall 2026

**Job Categories** Associate Professor  
Professor

**Academic Field(s)** Biomedical Engineering & Bioengineering

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**Job Description**

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**Empire Innovation Associate/Full Professor, Biomedical Engineering, Bioengineering and  
Regenerative Medicine (Tenure-Track/Tenured)**

**Location:** Stony Brook, New York

**Open Date:** Oct 07, 2025

**Deadline:** Dec 15, 2025 at 11:59 PM Eastern Time

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**Description**

**Focused Area:** Bioengineering and Regenerative Medicine (one faculty line)

**Rank:** Associate Professor or Professor (Expedited Tenure-Track)

**Department:** Biomedical Engineering with participation in the Institute for Engineering-Driven Medicine (IEDM)

The Department of Biomedical Engineering (BME) at Stony Brook University (SBU) invites exceptionally qualified candidates to apply for a tenure-track position (expedited review) as a SUNY Empire Innovation Professor (at the level of Associate Professor or Full Professor) with a research and teaching focus in the areas of bioengineering and/or regenerative medicine starting in the fall of 2026.

The SUNY Empire Innovation Program (EIP) supports the recruitment and retention of faculty with strong track records of research accomplishments to expand SUNY's research capacity in strategic priority areas while also strengthening areas where SUNY has a recognized leadership position. The strategic vision of this position is to build on departmental- and university-level strengths in cellular and molecular engineering, cancer therapy, nanotechnology, microfluidics, single cell -omics technologies, and regenerative medicine; and this position is intended to closely align with the Renaissance School of Medicine (RSOM) Strategic Plan, particularly in the area of "Technology and Medicine," an area which lies at the convergence of life sciences, engineering, and medicine to better understand and treat human diseases more effectively. The department values diversity and seeks candidates who can contribute to a welcoming climate for all students at the university.

The primary responsibilities of the position include teaching, research, and service in Biomedical Engineering. The successful candidate will be expected to build and maintain an independent, externally funded, leading-edge research program and excel at teaching and service. Those whose laboratories have an established or emerging high-impact research focus in the fields of cellular and tissue regeneration; nanomedicine and nanotechnology; biological engineering or bioengineering; biomaterials and tissue engineering; and/or the development of novel technologies for advanced diagnosis and therapeutic applications are particularly encouraged to apply. It is expected that the successful candidate will be able to collaborate with faculty in the Renaissance School of Medicine (RSOM) and College of Engineering and Applied Sciences (CEAS).

Stony Brook University is a flagship research and medical campus of the SUNY system; ranked in the top 25 of public universities nation-wide (#1 public university in New York); and a Carnegie R1 Doctoral University (Very High Research Activity) and a member of the prestigious Association of American

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Universities (AAU). According to Market Data Forecast, considerable growth is projected in the market for regenerative medicines due to the rising incidence of chronic diseases, rapidly growing medical research facilities, increased investment by pharmaceutical manufacturers, and expanding government initiatives. The Biomedical Engineering (BME) department of Stony Brook University and the Institute for Engineering-Driven Medicine (IEDM) have established the groundwork of faculty research program in these disciplinary areas, including as CAR-T cell technology, nanotechnology, microfluidics, single cell modeling and analysis, and bioimaging. Thus, SBU is well poised to harness existing expertise in the development of cutting-edge translational techniques to advance understanding, diagnosis, and therapies of many diseases. The new faculty would further enhance these efforts in technology development and integration of new methods for functional regeneration, potentially using approaches like novel synthetic biology and bioengineering approaches or applications biomaterials and nanotechnology.

For detailed information regarding the Biomedical Engineering department, please visit:  
<https://www.stonybrook.edu/bme/>.

## **Qualifications**

### **Required Qualifications:**

Ph.D. and/or M.D. degree (or foreign equivalent) with relevant research training and a demonstrated record of excellence in research, academic credentials, and extramural funding.

### **Preferred Qualifications:**

Experience developing novel research, approaches, and technologies in regenerative medicine and/or bioengineering for translational medical applications. Experience collaborating with clinical investigators and scientists across departments/institutions, such as the Stony Brook Cancer Center.

## **Application Instructions**

To apply, visit <http://apply.interfolio.com/174953>.

All application materials must be submitted online. Please use the Apply Now button to begin your application. For technical support, please visit Interfolio's Support Site (<https://support.interfolio.com/>) or reach out to their Scholar Service Team at [help@interfolio.com](mailto:help@interfolio.com) or (877) 997-8807.

For questions regarding the position, please contact the Faculty Search Committee Chair, Dr. Eric

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Josephs at eric.josephs@stonybrook.edu. Posted Oct. 17, 2025, set to expire Feb. 13, 2026

**Special Notes** Tenure-Track position. FLSA Exempt position, not eligible for the overtime provisions of the FLSA. To qualify for tenure and/or a senior faculty appointment, the candidate must meet the criteria established by the School of Medicine ([School of Medicine's Criteria for Appointment, Promotion and Tenure](#)).

**Anticipated Start Date:** August 15, 2026

### Campus Description

Long Island's premier academic medical center, Stony Brook Medicine, represents Stony Brook University's entire medical enterprise and integrates all of Stony Brook's health-related initiatives: education, research and patient care. It encompasses Stony Brook University Hospital, Stony Brook Children's Hospital, the five Health Sciences schools -- Dental Medicine, Health Professions, Medicine, Nursing and Social Welfare -- as well as the major centers and institutes, programs and more than 50 community-based healthcare settings throughout Suffolk County. With 624 beds, Stony Brook University Hospital serves as Suffolk County's only tertiary care center and Regional Trauma Center. Stony Brook Children's, with more than 180 pediatric specialists in 30 specialties, offers the most advanced pediatric specialty care in the region. In the Medical and Research Translation (MART) building, two floors are occupied by Stony Brook University Cancer Center's outpatient services, and four floors are devoted to cancer research. Diversity, equity and inclusion are essential core values at Stony Brook Medicine. We believe we do our best and most impactful work when we leverage our diverse, equitable and inclusive perspectives. We are proud to recruit and hire talented people from a wide variety of backgrounds and experiences.

Stony Brook University is committed to creating and maintaining a workplace and educational environment that is safe, accessible, and free of all forms of discrimination, sexual misconduct or research misconduct, among other infractions. In support of this commitment, certain candidates for employment will be required to disclose such employment-related misconduct findings and pending investigations or proceedings, and final candidates for certain faculty and staff positions will authorize their current and previous employer(s) from the last seven (7) years to disclose such information to the University. Employment is contingent on your full and complete disclosure on these matters. In the event that you fail to disclose any such matter or in the event of an unsatisfactory outcome of the disclosure and review process, an offer of employment may be revoked at SBU's sole discretion. If SBU becomes aware of a failure to disclose or misrepresentation of any such matter after your

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employment commences, you may be subject to discipline, up to and including termination.

**The selected candidate must successfully clear a background investigation.**

In accordance with the Title II Crime Awareness and Security Act, a copy of our crime statistics is available upon request . It can also be viewed online at the University Police website at <http://www.stonybrook.edu/police>.

*Stony Brook University is committed to excellence in diversity and the creation of an inclusive learning, and working environment. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, familial status, sexual orientation, gender identity or expression, age, disability, genetic information, veteran status and all other protected classes under federal or state laws.*

### Contact Information

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

### Contact

Biomedical Engineering  
Stony Brook University

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