

Endowed Assistant Professor  
Stony Brook University

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Downloaded On: Aug. 22, 2024 10:21am

Posted Aug. 15, 2024, set to expire Dec. 11, 2024

<b>Job Title</b>	Endowed Assistant Professor
<b>Department</b>	Physical and Quantitative Biology
<b>Institution</b>	Stony Brook University Stony Brook, New York
<b>Date Posted</b>	Aug. 15, 2024
<b>Application Deadline</b>	09/30/2024
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Endowed/Distinguished Professor
<b>Academic Field(s)</b>	Biology - General
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**Job Description**

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**Endowed Assistant Professor**

**Location:** Laufer Center for Physical and Quantitative Biology

**Open Date:** Aug 12, 2024

**Deadline:** Sep 30, 2024 at 11:59 PM Eastern Time

**Description**

**Endowed Assistant Professor in Systems or Synthetic Biology at the Laufer Center for Physical and Quantitative Biology, Stony Brook University**

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We invite applications for **atenure-track position at the Assistant Professor level**, at the **Laufer Center (LC) for Physical and Quantitative Biology** at Stony Brook University. We seek creative individuals who can develop a cutting-edge research program and lead collaborative research initiatives on the development and combined use of novel computational and/or experimental technology, at the interface of life sciences, physical sciences, computer science, and/or engineering, to address current challenges in systems biology, synthetic biology, and/or evolutionary biology, and to facilitate the translation of basic research into biological, biomedical, and/or pharmacological applications.

The position focuses primarily on research, with limited teaching, and is supported by a **Laufer Endowed Professorship** that provides annual research support. The successful candidate will have considerable freedom to choose his or her departmental affiliation that best fits his/her research areas.

## Qualifications

### Required Qualifications:

A PhD (or foreign equivalent) in life sciences or a related field, physical sciences, engineering, computer science, or mathematics. Strong record of research productivity. The ideal candidate will have demonstrated leadership and/or research accomplishments in at least one of the areas listed in at least two of the following three categories. Category 1: biochemistry; molecular biophysics; drug and/or antibody design or development, structural biology. Category 2: molecular-to-cellular systems biology; cell regulation and adaptation/evolution; multiscale dynamics using data from latest technology, including single molecule experiments and live cell imaging; omics-scale data analysis. Category 3: synthetic biology experiments motivated by theory or principles; neurobiology; bioengineering, mathematical and/or physical biology. We welcome candidates who have an interest in interdisciplinary mentoring and promoting diversity, equity, and inclusion.

### Preferred Qualifications:

The ideal candidates with have demonstrated leadership and/or research accomplishments in at least two areas within at least two categories listed above; those who have demonstrated achievements in systems biology and/or synthetic biology with both experimental and computational research experience and interests. We especially seek candidates who have a documented track record (such as degrees from and/or affiliations with departments and programs in different categories listed above) in interdisciplinary crosstalk, mentoring, teaching and other activities to promote diversity, equity, and inclusion.

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**Application Instructions**

To apply, visit <http://apply.interfolio.com/150310>.

Applicants should submit the following materials: (1) cover letter, (2) CV, (3) summary of past research activities (up to 2 pages), (4) summary of future research interests (up to two pages), (5) teaching and mentoring statement (up to 1 page), including a statement describing the applicants accomplishments and plans for promoting diversity, equity, and inclusion. In addition, applicants should arrange to have three letters of recommendation submitted on their behalf. Review of applications will begin October 1, 2024, and will continue until the position is filled. Electronic submission through Interfolio is required.

Questions can be addressed to LC Administrative Director, Nancy Rohring ( [nancy.rohring@stonybrook.edu](mailto:nancy.rohring@stonybrook.edu)). Anticipated start is the Academic Year 2025/26, preferably by the end of the Fall semester.

**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

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applying for or inquiring about this job announcement.

**Contact**

Physical and Quantitative Biology  
Stony Brook University

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