

Assistant or Associate Professor (EIP)

Location: Stony Brook, NY

Open Date:

Sep 16, 2024

Deadline:

Oct 15, 2024 at 11:59 PM Eastern Time

#### Description

As part of the Empire Innovation Program, the Department of Chemistry at Stony Brook University (SBU) seeks to hire either an Associate Professor, Empire Innovation or an Early Career Empire Innovation Scholar (tenure track), to begin Fall 2025. Applicants who are either experimentalists or theoreticians with a strong interest in chemical biology, biochemistry, biophysical chemistry, bioorganic chemistry, or medicinal chemistry, broadly defined, are encouraged to apply. Candidates must have a Ph.D. degree and postdoctoral experience in either Chemistry or a closely related field, a demonstrated excellence in innovative research, and a strong commitment to teaching undergraduate and graduate chemistry in organic and/or biological chemistry. The new faculty member is expected to establish, or have established, a vibrant, extramurally funded research program that will enhance the research enterprise at SBU, not limited to conducting fundamental research, supporting translational research projects that generate new intellectual property, and/or enabling multi-PI grant proposals. The program may synergize with Stony Brook University's strategic priorities in global health, quantum information, and climate change and/or existing departmental strengths in light-driven chemistry, imaging and sensing, the chemistry-biology interface, materials, computation and data-driven chemistry, and synthesis and catalysis.

Research in the Department of Chemistry is highly interdisciplinary. Many faculty have cross-appointments in other departments in the College of Arts and Sciences, the College of Engineering and Applied Sciences, the School of Marine and Atmospheric Sciences, and the Renaissance School of Medicine, and at neighboring institutions such as Brookhaven National Laboratory (BNL) and Cold Spring Harbor Laboratory. Faculty in the department are members of various institutes and centers which serve as hubs for interdisciplinary research; these include the Institute for Chemical Biology & Drug Discovery, the Laufer Center for Physical and Quantitative Biology, the Institute for Advanced Computational Science, two DOE-funded Energy Frontier Research Centers on synthesis science and energy storage, the Center for Advanced Technology in Integrated Electric

Energy Systems, and the Center for Advanced Study of Drug Action. The NIH-funded Chemistry-Biology Interface Training Program and the NSF-funded Research Traineeship Award provide additional graduate student training and connectivity. BNL, a 30-minute drive from the department, provides state-of-the-art facilities for chemistry, nanoscience, and energy, including the Center for Functional Nanomaterials and the National Synchrotron Light Source II. The recently completed Medical and Research Translation building of the School of Medicine is a focal point for translational research and bioimaging.

SBU is a dynamic public university and an internationally recognized research institution, with over 900 research faculty, 27,000 students, and ~\$260M in annual research spending. We have been rated in the top 1% of universities worldwide and 39th among U.S. universities (QS University Rankings), 23rd in public institutions (Forbes), and top 10 most diverse U.S. campuses (24/7 Wall St/USA Today). Forbes has rated SBU as 7th in their Best Employer for Women list and 17th in the Education category for Best Employers for Diversity. SBU is one of 38 public institutions in the American Association of Universities (AAU), a group of top research universities. Located 60 miles east of New York City, SBU has a longstanding record of supporting underrepresented students and has been recognized nationally for a high upward social mobility index, moving students from the lowest quintile of parental income to the top quintile of graduate income, and diverse student body. The climate is mild and local public schools are excellent. The Stony Brook area is developing into a major high technology area of small business firms and offers numerous employment opportunities. Located along the northern shore of Long Island, the Stony Brook area is a desirable place to live.

## Qualifications

### Required Qualifications:

PhD degree (or foreign equivalent) in Chemistry or a related field. Significance of Past Research Accomplishments. (Based on quality and originality of published work and relevance to scope of this search). A strong commitment to teaching undergraduate and graduate chemistry. Letters of Recommendations.

### Preferred Qualifications:

PhD (or foreign equivalent), postdoctoral, or independent research in chemical biology or physical chemistry.

## Application Instructions

To apply, visit <https://apptrkr.com/5704451>.

Candidates should submit: a cover letter that articulates how the research environment within the Chemistry Department and Stony Brook University will enable the Candidate's research program; a curriculum vitae, including a publication list; and concise statements of proposed research, teaching interests, and plans for advancing diversity, equity, and inclusion. Applicants for Assistant or Associate Professor should also arrange to have three letters of recommendation submitted electronically via <http://apply.interfolio.com/>. Application review will begin in early September 2024. The deadline for application submission is October 15, 2024. Stony Brook University is an Affirmative Action/Equal Opportunity Employer.

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 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>.

#### Campus Description:

Stony Brook University, one of four research intensive campuses within the State University of New York (SUNY) system, is widely regarded as its flagship. The University embraces its mission to provide comprehensive undergraduate, graduate and professional education of the highest quality, and its rankings bear that out. It is included among the top 1% of universities in the world by the 2018 QS World University Rankings and among the top 40 public universities by U.S. News & World Report's 2020 Best Colleges rankings. It is a member of the prestigious Association of American Universities, composed of the top 62 research institutions in North America. As Long Island's

largest single site employer, Stony Brook has nearly 15,000 full- and part-time employees, including more than 2,700 faculty and an estimated 26,800 students — 17,900 undergraduate students and 8,900 graduate students — and offers more than 200 majors, minors and combined-degree programs. The Department of Athletics supports 18 Division I varsity intercollegiate athletic programs that compete at the highest level within the NCAA. Located approximately 60 miles east of Manhattan on Long Island's beautiful North Shore, Stony Brook is situated on 1,454 wooded acres, encompassing 13 schools and colleges; a Research and Development Park; world-class athletics facilities, including an 8,300-seat stadium and a 4,000-seat arena; and Stony Brook Medicine, Long Island's premier academic medical center. Also part of the University is a teaching and research campus in Southampton, New York, which offers graduate arts programs and is the site of the Marine Sciences Center. In addition, Stony Brook has a role in running, and performs joint research with, Brookhaven National Laboratory, the only Department of Energy Laboratory in the Northeast. Home to the Emerson String Quartet, the Pollock-Krasner House in East Hampton, NY, and the Humanities Institute, with endeavors that extend to the Turkana Basin Institute in Kenya and the Ranomafana National Park in Madagascar, Stony Brook sustains an international reputation that cuts across the arts, humanities, social sciences and natural sciences.

#### About the College:

As part of a great research university, the College of Arts and Sciences at Stony Brook University incubates creative work and scholarship in fundamental disciplines, connecting with medicine, technology, public policy, culture, education, the arts, business and environment. As the liberal arts college for the campus, we help students and faculty explore diverse possibilities that exceed their initial expectations and prepare for a lifetime of learning and discovery.

<http://www.stonybrook.edu/cas/>

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.