



JUNIOR FACULTY POSITION

The Department of Chemistry at Stony Brook University seeks to hire a tenure track faculty member at the Assistant Professor level to begin Fall 2025. Applicants who are either experimentalists or theoreticians with a strong interest in physical, biophysical, analytical, atmospheric, surface, and/or environmental 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. The new faculty member is expected to establish a vibrant, extramurally funded research program. Their 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, "Harnessing the Data Revolution," 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.

Candidates should submit a curriculum vitae, including a publication list, a concise description of proposed research, a statement of teaching interests (2 page max) including strategies to enhance diversity and inclusion, and a cover letter that articulates how the research environment within the Chemistry Department and Stony Brook University will enable the Candidate's research program. Candidates should arrange to have three letters of recommendation submitted electronically via apply.interfolio.com/148894. Application review will begin in early September 2024. The deadline for application submission is September 15, 2024.