

Tenure Track Assistant or Associate Professor in Computational Chemistry

Chemistry Department, Hofstra College of Liberal Arts and Sciences, Hofstra University

At Hofstra University, intellectual curiosity is not just aspirational – it is central to how we engage on a daily basis. Hofstra faculty work within a diverse scholarly community committed to student success, intellectual discovery, free inquiry, inclusivity, and collaboration. Enrolling more than 10,000 students, Hofstra offers students an array of undergraduate and graduate academic programs spanning the arts, humanities, sciences, business, engineering, law, health care, communications, and more. Our accomplished faculty collaborate with students to explore interdisciplinary questions and produce innovative research that lays the foundation for future personal and professional success. With a beautiful campus in Hempstead, NY, Hofstra's location seamlessly merges the tranquility of coastal suburban living with the boundless opportunities of nearby New York City.

Hofstra University seeks candidates who will contribute to a supportive climate for students, faculty, and staff of all identities and backgrounds. We especially encourage women, people of color, members of the LGBTQ+ community, veterans, and people with disabilities to apply.

The Chemistry Department at Hofstra University (www.hofstra.edu/chemistry) invites applications for a full-time, tenure-track assistant or associate professor position in Computational Chemistry beginning September 1, 2024. Any area spanning computational chemistry will be considered. Successful candidates will be able to teach general chemistry (lecture and lab) and will have the opportunity to teach other courses in their area of expertise. A typical teaching load alternates between 2 and 3 courses per semester. The Chemistry Department serves only undergraduate students, with small class sizes (10-20) for junior and senior majors. The Chemistry Department offers undergraduate degrees in Biochemistry and Chemistry (with ACS accreditation), as well as Forensic Science.

This hire is part of a [cluster in Big Data and Computational Research in the Natural Sciences](#). The cluster is designed to support the University's goals with respect to diversity, inclusion, and belonging, and the Chemistry Department encourages candidates from underrepresented groups in higher education to apply.

In addition to their teaching responsibilities, the candidate will be expected to establish a vibrant research program centered on undergraduates and seek grant funding. Intra- and extramural research collaborations are strongly encouraged. A high-performance computing (HPC) cluster is being built through a collaborative endeavor to support computation- and data-intensive applications as part of an awarded National Science Foundation Major Research Instrumentation grant. The HPC cluster will provide an environment that enables faculty and students to engage in computer-related teaching, learning, and research activities. The candidate will be granted access to this computational resource.

The candidate will also provide service to the department, college, and university. Experience advising and mentoring individuals from groups underrepresented in STEM fields is highly desirable. Hofstra University is committed to increasing the diversity of its faculty and the Chemistry Department encourages candidates from underrepresented groups in higher education to apply.

MINIMUM QUALIFICATIONS:

- PhD in chemistry or related field required by time of employment
- Potential to establish a successful research program
- Experience teaching undergraduate chemistry courses

PREFERRED QUALIFICATIONS:

- Openness to collaborate with the computational cohort to develop undergraduate classes and research initiatives.
- Postdoc and/or industry work experience is desired but not required.

SPECIAL INSTRUCTIONS:

Please upload the following with your application for consideration to <https://hofstra.peopleadmin.com/postings/3001> :

- Cover letter outlining your qualifications and why you are interested in this position
- Current curriculum vitae
- Statement of teaching philosophy which includes your goals, ideas about pedagogical approaches, reflections on teaching or mentoring experience for undergraduate students,
- Detailed description of research plans that specifically addresses undergraduate student involvement and potential funding opportunities
- Statement on how your work will contribute to diversity, equity, and inclusion (DEI) within the department, describing your plan to address DEI in your teaching, mentorship, and service
- List of three references with their email addresses that can be contacted for a letter of recommendation; at least one reference should speak to your teaching abilities in a classroom and/or laboratory setting
- Unofficial graduate and undergraduate transcripts.

Review of applications will begin on January 30, 2024 and the position will remain open until filled.

Inquiries should be directed to ChemistryDepartment@hofstra.edu

Hofstra University is an equal opportunity employer, committed to fostering diversity in its faculty, administrative staff and student body, and encourages applications from the entire spectrum of a diverse community.