



DARTMOUTH

FACULTY POSITION IN THEORETICAL AND COMPUTATIONAL MOLECULAR SCIENCE

Dartmouth College seeks applicants for a tenure-track Assistant Professor in the area of Theoretical and Computational Molecular Science. The ideal candidate will use theoretical chemistry and computational modeling approaches to address foundational and practical questions about molecular structure, function, energetics, spectroscopy, reaction kinetics, and their impact in systems of biological interest. Preference will be given to candidates with applications geared towards biochemistry including but not limited to enzyme catalysis, photosynthesis, and drug design. Preference will also be given to candidates who study and characterize the effects of both quantum and classical phenomena in molecular science. The successful candidate will be expected to direct an independent research program that will attract extramural funding, provide research training for graduate and undergraduate students, and teach graduate and undergraduate courses. The candidate is expected to join an interdisciplinary faculty cluster whose members research the theoretical and experimental impact of analog computation in quantum, bio-molecular, and cellular circuits and systems. The successful candidate is expected to have a primary appointment in either the Department of Chemistry, Department of Computer Science, or Department of Physics and Astronomy.

Dartmouth undergraduate and graduate student populations are diverse by many measures. We are especially interested in applicants with a record of successful teaching and mentoring of students from all backgrounds (including first-generation college students, low-income students, racial and ethnic minorities, women, LGBTQ, etc.), and who have a demonstrated ability to contribute to Dartmouth's undergraduate diversity initiatives in STEM research, such as the Women in Science Program, E. E. Just STEM Scholars Program, and Academic Summer Undergraduate Research Experience (ASURE). Applicants are encouraged to discuss relevant skills and experiences in their teaching statement.

Candidates should hold a PhD degree. Relevant postdoctoral experience is preferred. Application materials, including a curriculum vitae, representative publications, a statement of research interest (not to exceed 4 pages), a teaching statement, and at least three letters of reference should be uploaded to: <http://apply.interfolio.com/53602>. Application review will begin on November 1st, 2018 and continue until the position is filled.

Dartmouth College, a member of the Ivy League, is located in Hanover, New Hampshire (on the Vermont border). Home to Dartmouth College, the Upper Connecticut Valley is a vibrant, academic and professional community offering excellent schools, lively arts, and an unmatched quality of life in a beautiful setting. Amenities associated with urban areas in Boston MA, Burlington VT, and Montreal QC are all within a few hours drive.

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity and inclusion. We prohibit discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, marital status, or any other legally protected status. Applications by members of all underrepresented groups are encouraged.