

## Faculty Position in Microbial Computational and Systems Biology

Dartmouth College and the Geisel School of Medicine at Dartmouth seek applicants for a tenure-track Assistant Professorship in the area of Computational and Systems Biology in microbial organisms such as bacteria, fungi, and parasites. The ideal candidate will combine direct experimental approaches with quantitative, computational, and modeling approaches to address foundational questions about mechanisms in microbial biology and disease. Areas of research interest include but are not limited to studies of the systems biology of large-scale biochemical reaction networks, interacting regulatory networks, metabolic networks, cell signaling networks, and mechanisms of pathogenesis. 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 at different levels. The candidate is expected to join a vibrant community of interdisciplinary scientists including faculty in the departments of Biochemistry and Cell Biology, Microbiology and Immunology, Molecular and Systems Biology, Physics, Engineering, Computer Science, and the Neukom cluster for Computational Science. Students from the Molecular and Cellular Biology graduate program ([www.dartmouth.edu/~mcb/](http://www.dartmouth.edu/~mcb/)), Quantitative Biomedical Sciences graduate program ([www.dartmouth.edu/~qbs](http://www.dartmouth.edu/~qbs)), and the Program in Experimental and Molecular Medicine ([www.geiselmed.dartmouth.edu/pemm](http://www.geiselmed.dartmouth.edu/pemm)) are expected to be involved in the faculty member's research.

Candidates should hold a Ph.D., MD or equivalent degree and relevant postdoctoral experience is preferred. Application materials should include a curriculum vitae, representative publications, a statement of research interest (not to exceed 4 pages), and at least three letters of reference. Please upload application materials electronically to: <https://apply.interfolio.com/37550>. Application review will begin on November 14th, 2016 and continue until the position is filled.

Dartmouth College is located in Hanover in the picturesque Upper Connecticut River Valley on the NH and VT border. Dartmouth College is surrounded by a vibrant, academic and professional community offering excellent schools, lively arts, and an unmatched quality of life in a beautiful, rural 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.*