



University at Buffalo
The State University of New York

Department of Chemical and Biological Engineering
School of Engineering and Applied Sciences

The Department of Chemical and Biological Engineering (CBE) at the University at Buffalo (UB) seeks to hire multiple faculty members at all ranks. Excellent candidates in all areas will be considered but areas of particular interest include computational and systems engineering as applied to problems in bioengineering, nanotechnology, energy and the environment. Ideal candidates will complement existing research strengths in the department (www.cbe.buffalo.edu) and the Institute for Research and Education in eEnergy, Environment and Water (RENEW) that was formed to address urgent global challenges, such as climate change, pollution and pressing needs for energy, fresh water and other resources (www.buffalo.edu/RENEW).

Applicants should submit a curriculum vita, statements of teaching and research plans, and names of at least three references via the UBJobs system (www.ubjobs.buffalo.edu, reference posting number 1500764). Review of applications will begin January 1, 2016 and will continue until the positions are filled.

UB CBE combines excellence and collegiality to provide an outstanding environment for our faculty, staff and students. UB CBE was ranked 8th in the nation for publications per faculty; and 9th for awards per faculty (National Research Council, 2010). Areas of research strength and focus in the department include bioengineering, nanomaterials engineering, and molecular and multiscale modeling. At present, we have 22 faculty members with over \$350K of annual research expenditures per faculty, 130 graduate and over 330 undergraduate students. Our faculty includes three members of the National Academy of Engineering, a National Medal of Science awardee, seven NSF CAREER Award winners, and several Fellows of professional societies. Over the next five years we anticipate continuous growth that is supported by university-wide strategic plans for growth in energy research, nanotechnology, materials research, bioengineering, and related areas where CBE plays a key role.

Along with a strong core of bioengineering and materials science and engineering faculty in CBE and the School of Engineering and Applied Sciences, UB offers rich collaborative opportunities in the Schools of Medicine, Pharmacy, Arts and Sciences, the Center for Excellence in Bioinformatics and Life Sciences, Hauptman-Woodward Medical Research Institute, Roswell Park Cancer Institute, the new Center of Excellence in Materials Informatics (CMI) and RENEW.

The University at Buffalo is the largest and most comprehensive university in The State University of New York (SUNY) system, with about 19,000 undergraduates, 10,000 graduate students, and 1600 full-time faculty (which is expected to grow by 300 faculty over the next five years). Buffalo is located in New York State's second-largest metropolitan area, known for its friendly residents, world-class cultural institutions, and international flavor. CBE is located on the UB North Campus in suburban Amherst, an area that combines outstanding public schools and services with a surprisingly low cost-of-living. Downtown Buffalo, with eclectic neighborhoods, the Lake Erie waterfront, and vast cultural resources, is 15 minutes away by car. The awe-inspiring Niagara Falls is also just 20 minutes away.

Minority candidates are strongly encouraged to apply. We are particularly looking for candidates who can operate effectively in a diverse community of students and faculty, and share our vision of helping all constituents reach their full potential.

The University at Buffalo is an Equal Opportunity/Affirmative Action Employer/Recruiter.

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