



School of Engineering

Department of Chemical and Biological Engineering Tenure Track Assistant Professor

The **Department of Chemical and Biological Engineering (ChBE) at Tufts University** invites applications for a tenure-track position at the Assistant Professor level as part of a focused effort to further strengthen key research areas. Exceptional candidates will be considered at other ranks. The anticipated start date is September 2023. Major strengths of the department are in areas of advanced materials for energy and sustainability, and cellular and biomolecular engineering. Additional information about the department can be found at: <http://engineering.tufts.edu/chbe/>.

The successful candidate is expected to develop and maintain an active, highly visible research program and to demonstrate excellence in teaching, including core chemical engineering subjects, and in mentoring both undergraduate and graduate students.

We invite applicants whose research complements our current strengths in advanced materials for energy and sustainability, catalysis, and molecular engineering. Applicants whose expertise is on technologies for renewable energy and sustainability, including renewable energy conversion and storage, the design of electrochemical (e.g., fuel cells, batteries, etc.) and photochemical systems, surface and molecular engineering for energy and environmental applications, and related experimental and/or computational approaches are especially encouraged to apply. We seek individuals who embrace opportunities to work collaboratively within the department as well as across the School of Engineering (SOE) and the University. This search is part of a broader hiring campaign by the SOE to grow its research and educational capabilities in engineering for sustainability. The School of Engineering is deeply committed to developing pragmatic, innovative solutions for environmentally and socially responsible use of energy and materials applying methods that minimize damage to the natural environment. Currently, tenure-stream faculty searches are ongoing in four of the six academic departments centered on the common themes of climate change and sustainable materials.

Tufts' SOE distinguishes itself by the interdisciplinary focus and integrative nature of its engineering education and research programs, within the environment of both a "Research I" university and a top-ranked undergraduate institution. We offer the best of a liberal arts college atmosphere, coupled with the resources of a major research university. Home to nine graduate and professional schools across four campuses, Tufts University prides itself on its culture of cross-school partnerships. Tufts' Medford/Somerville campus is located only six miles from historic downtown Boston, facilitating extensive opportunities for academic and industrial collaborations, as well as participation in the rich intellectual life of the region.

Candidates should possess an earned doctorate in **chemical engineering or a closely related discipline**. Candidates should submit their application, including a cover letter, curriculum vitae, statement of research and teaching interests and objectives, and contact information for three references online through Interfolio at apply.interfolio.com/114724. Cover letter should be addressed to: Professor Ayse Asatekin, Search Committee Chair, Department of Chemical and Biological Engineering, Tufts University, 4 Colby Street, Medford, MA 02155. Candidates are encouraged to demonstrate attention to diversity and inclusion as it relates to teaching, research, and scholarship throughout their application. For full consideration, applications should be received by **December 10, 2022**. Application review will proceed on a rolling basis and continue until the position is filled.

Tufts University, founded in 1852, prioritizes quality teaching, highly competitive basic and applied research, and a commitment to active citizenship locally, regionally, and globally. Tufts University has also committed to becoming an anti-racist institution through the continuous improvement of diversity, equity

and inclusion work. Current and prospective employees of the university are expected to have and continuously develop skill in, and disposition for, positively engaging with a diverse population of faculty, staff, and students. Tufts University is an Equal Opportunity/Affirmative Action Employer. We are committed to increasing the diversity of our faculty and staff and fostering their success when hired. Members of underrepresented groups are welcome and strongly encouraged to apply. See the University's Non-Discrimination statement and policy here <https://oeo.tufts.edu/policies-procedures/non-discrimination/>. If you are an applicant with a disability who is unable to use our online tools to search and apply for jobs, please contact us by calling the Office of Equal Opportunity (OEO) at 617-627-3298 or at oeo@tufts.edu. Applicants can learn more about requesting reasonable accommodations at <https://oeo.tufts.edu>