

## FACULTY POSITION IN MEDICAL DEVICES THAYER SCHOOL OF ENGINEERING, DARTMOUTH

The Thayer School of Engineering at Dartmouth College invites applications for a faculty position in medical devices, with appointment at the Assistant Professor level.

The successful candidate will develop an internationally recognized research program supported with external funding, and will teach undergraduate and graduate courses in relevant areas of engineering. Applicants with expertise in the broad area of biomedical devices, including but not limited to biosensors, devices and systems for molecular targeting and biomarker discovery, brain-device interfaces, medical robotics, lab-on-chip, surgical device design, BioMEMS/nanotechnologies and machine learning for precision health, will be considered, with a priority on those working at the interface of engineering innovations and clinical translation. Facilities available for dedicated or collaborative use exist at the Dartmouth-Hitchcock Medical Center and Geisel School of Medicine, including advanced imaging facilities, genetic engineering resources, animal and human translational capabilities, surgical research laboratories, and the Norris Cotton Cancer Center resources. The Thayer School values inter-disciplinary excellence, and prides itself on training broadly versed yet deeply knowledgeable engineers prepared to address tomorrow's challenges. Using an integrated, non-departmental structure, we offer an ABET-accredited B.E. degree, as well as A.B., M.E.M., M. Eng., M.S., Ph.D. and dual track M.D./Ph.D. degrees. The Thayer School of Engineering has a long history of educational leadership, and is well recognized internationally for the innovations in engineering education. Thayer developed the nation's first Ph.D. Innovation degree program emphasizing engineering and entrepreneurship, and the faculty has one of the highest rates of new venture start up in the U.S. The school received the 2014 Gordon Prize from the National Academic of Engineering for its collective programs that teach engineering entrepreneurship. The Thayer School of Engineering is currently going through a significant expansion of faculty and programs, and this position is anticipated to be one of several at the interface between Engineering and Medicine. A Ph.D. in engineering or related sciences is required.

Dartmouth is a member of the Ivy League and consistently ranks among the world's greatest academic institutions. Home to a celebrated liberal arts curriculum and pioneering professional schools, Dartmouth has shaped the education landscape and prepared leaders through its inspirational learning experience. Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people, including women, minorities, individuals with disabilities, veterans or any other legally protected group.

Please submit a cover letter, a detailed curriculum vitae including academic and professional experience and peer reviewed publications (please include PDF copies of a maximum of three most significant, peer-reviewed, published manuscripts), a statement of research, a statement of teaching goals as related to our focus at the Thayer School of Engineering, and a list of at least three references via Interfolio at: [apply.interfolio.com/64842](http://apply.interfolio.com/64842) Inquiries about the position should be directed to Professor John X.J. Zhang, [john.zhang@dartmouth.edu](mailto:john.zhang@dartmouth.edu). Review of applications will begin on **September 30, 2019** and will continue until the position is filled. More information about the Thayer School of Engineering may be found at <http://thayer.dartmouth.edu>.