



## **Faculty Position in Systems Biology in the Department of Biomedical Engineering**

Columbia Engineering is pleased to invite applications for faculty positions in the Department of **Biomedical Engineering** at Columbia University in the City of New York City. Applications at the assistant professor, and in exceptional cases, at the associate professor and full professor levels, will be considered.

Applications are specifically sought in the areas of **Systems Biology and Synthetic Biology**. Candidates must have a Ph.D. or its professional equivalent by the starting date of the appointment. Applicants for this position at the Assistant Professor and Associate Professors without tenure must demonstrate the potential to do pioneering research and to teach effectively. Applicants for this position at the tenured level (Associate or Full Professor) must have a demonstrated record of outstanding research accomplishments, excellent teaching credentials and established leadership in the field.

The successful candidate is expected to contribute to the advancement of their field and the department by developing an original and leading externally funded research program, and contribute to the undergraduate and graduate educational mission of the Department. Columbia fosters multidisciplinary research and encourages collaborations with academic departments and units across Columbia University. **This position particularly seeks candidates whose research focus intersects with the field of data sciences and can take full advantage of the Institute for Data Science and Engineering at Columbia (IDSE)**. Additional opportunities for strategic interactions across the Columbia community include neuroscience, integrative biology, and nanoscience/nanotechnology. These include the Center for Computational Biology and Bioinformatics (C2B2), the Department of Systems Biology, and the Zuckerman Mind Brain Behavior Institute (MBBI). The ideal candidate will develop new ties between these programs and the Department of Biomedical Engineering, building upon existing strengths in bio-imaging, cellular engineering, and biomechanics at the molecular to tissue level. The Department is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

For additional information please see: <http://engineering.columbia.edu/faculty-job-opportunities>. Applications should be submitted electronically and include the following: curriculum-vitae including a publication list, a description of research accomplishments including a statement of research and teaching interests and plans (3-4 pages each), contact information for three experts who can provide letters of recommendation, and three selected pre/reprints of scholarly work to <https://academicjobs.columbia.edu/applicants/Central?quickFind=59979>. All applications received by December 15, 2014 will receive full consideration.

We encourage applicants to consult [www.bme.columbia.edu](http://www.bme.columbia.edu) for more information about the department.

Columbia is an affirmative action/equal opportunity employer with a strong commitment to the quality of faculty life.