Faculty Position in the "Sensors and Systems" in the Department of Mechanical Engineering

Columbia Engineering is pleased to invite applications for faculty positions in the Department of **Mechanical 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 interdisciplinary areas related to the design, analysis, and fabrication of unique sensors, especially at small length scales; and deployment of such sensors into large scale monitoring systems utilizing big data analysis. 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 contributing 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 Data Science Institute at Columbia University**. Opportunities exist for collaboration with a broad range of research centers and activities at Columbia University, including but not limited to centers in Materials Science, Photonics, and Neuroscience. 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 and to apply, 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, a statement of research and teaching interests and plans, contact information for three experts who can provide letters of recommendation, and up to three pre/reprints of scholarly work. All applications received by December 31, 2015 will receive full consideration.

Applicants can consult www.me.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.