Faculty Position in Materials Discovery, Analysis, and Synthesis in the Department of Civil Engineering and Engineering Mechanics

Columbia Engineering is pleased to invite applications for a faculty position in the Department of Civil Engineering and Engineering Mechanics at Columbia University in the City of New York. 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 broad area of advanced materials along the department's interests in civil engineering and engineering mechanics. Priority will be given to candidates with a strong background in characterizing, analyzing, and synthesizing material processes occurring at multiple spatio-temporal scales under the general umbrella of materials discovery and design (experimentally and/or computationally). 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 Professor 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. 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 1, 2014 will receive full consideration.

Applicants can consult www.civil.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.