



COLUMBIA | ENGINEERING

The Fu Foundation School of Engineering and Applied Science

Open Rank Faculty Position in Sustainable and Regenerative Materials for a Circular Materials Economy

Columbia Engineering invites applications for a tenured or tenure-track faculty position. Appointments at the assistant professor, associate professor, or full professor rank will be considered. Applications are specifically sought in any area encompassing material science and its intersections with sustainability. Research emphasizing the transformative manufacturing of soft materials, their use and recycling, engineering living materials, design and synthesis based on the principles of green chemistry, synthetic biology, biofabrication, and green manufacturing for a circular materials economy are encouraged. We wish to highlight that Columbia has a new Climate School. Intersections with this school, with the Data Science Institute, and with the Medical School are of particular interest.

The candidate will fit into one (or more) of the following relevant departments in the School of Engineering: Applied Physics and Applied Mathematics; Biomedical Engineering; Chemical Engineering; Civil Engineering and Engineering Mechanics; Earth and Environmental Engineering; and Mechanical Engineering. Candidates must have a Ph.D. or its professional equivalent by the starting date of the appointment in one of these (or related) fields. Applicants for this position at the Assistant Professor and Associate Professor without tenure levels must have 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 the school/department in these areas by developing an externally funded research program, contributing to the undergraduate and graduate educational mission of the department(s), and establishing multidisciplinary research and educational collaborations with academic departments and units across Columbia University. The school 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 at <http://apply.interfolio.com/114736> and include the following: a curriculum vitae including a publication list, a research statement including a description of research accomplishments, a statement of teaching interests and plans, a diversity statement, contact information for three people who can provide letters of recommendation, and up to three pre/reprints of scholarly work. The positions will close no sooner than December 1, 2022, and will remain open until filled.

Applicants can consult <https://www.engineering.columbia.edu/> for more information about the school.

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

Columbia University is an Equal Opportunity Employer/Disability/Veteran.

