

Applied Mathematics  
Cornell University, College of Engineering

Cornell is a community of scholars, known for intellectual rigor and engaged in deep and broad research, teaching tomorrow's thought leaders to think otherwise, care for others, and create and disseminate knowledge with a public purpose.

Cornell University's College of Engineering seeks to fill two tenured/tenure-track faculty positions in Applied Mathematics for its Ithaca campus. One of these positions is in the School of Operations Research and Information Engineering (ORIE), and the other in the Sibley School of Mechanical and Aerospace Engineering (MAE). Successful applicants should, by the start of the appointment, have a Ph.D. in mathematics, applied mathematics, operations research or statistics, or in an engineering field where mathematics is central to their research. Applicants at the level of Assistant or Associate Professor are preferred. Salary and rank will be commensurate with qualifications and experience.

Requisite are strong research interests in areas of Applied Mathematics aligned with ORIE or with MAE. Successful applicants are expected to be active members in Cornell's Center for Applied Mathematics. Applicants should show exceptional potential for leadership in research and education, and an ability and willingness to teach innovative Applied Mathematics classes at all levels. In particular, the successful applicants will join a substantial faculty team periodically sharing calculus, differential equations, and linear algebra teaching for engineering students.

Cornell's Schools of MAE and ORIE are diverse groups of high-quality researchers and educators, valuing both mathematical and technical depth and innovation, relations to computational science, and experience with applications and practice. ORIE faculty interests include probability, optimization, statistics, simulation, and a wide array of applications such as manufacturing, e-commerce, supply chains, scheduling, transportation systems, health care, financial engineering, service systems and network science. MAE faculty interests include fluid dynamics and thermal science, turbulence, combustion, solid mechanics, biomechanics, dynamics, systems and control, energy systems, sustainable systems, space systems, micro-nano science, and design and manufacturing.

Please apply online at <https://academicjobsonline.org/ajo/jobs/5322> with a cover letter, CV, statements of teaching and research interests, sample publications, at least three reference letters and, for junior applicants, a doctoral transcript. All applications completed by March 4, 2015 will receive full consideration, but candidates are urged to submit all required material as soon as possible. Applications will be accepted until the positions are filled.

The College of Engineering at Cornell embraces diversity and seeks candidates who can contribute to a welcoming climate for students of all races and genders. Cornell University seeks to meet the needs of dual career couples, has a Dual Career program, and is a member of the Upstate New York Higher Education Recruitment Consortium to assist with dual career searches. Visit <http://www.unyherc.org/home/> to see positions available in higher education in the upstate New York area. Diversity and Inclusion are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities. We strongly encourage qualified women and minority candidates to apply.

Find us online at <http://hr.cornell.edu/jobs> or [Facebook.com/CornellCareers](https://www.facebook.com/CornellCareers)

*Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students and staff impart an uncommon sense of larger purpose and contribute creative ideas to further the university's mission of teaching, discovery and engagement. Located in Ithaca, NY, Cornell's far-flung global presence includes the medical college's campuses on the Upper East Side of Manhattan and in Doha, Qatar, as well as the new CornellNYC Tech campus to be built on Roosevelt Island in the heart of New York City.*

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