

**Assistant/Associate/Full Professor in the area of Engineering Mechanics and/or Geomechanics**

The School of Civil and Environmental Engineering at Cornell University (Ithaca campus) invites applications for a tenure-track faculty position in the broad areas of mechanics, materials, structural engineering, and geomechanics within the context of civil infrastructure.

We are interested in applicants whose research is related to any of the following or related areas:

- Sensing and data fusion for improved structural and/or geotechnical performance,
- Novel/sustainable building materials and innovative design considerations
- Smart cities, cyber-physical systems,
- Computer-aided or data-driven engineering analysis and decision making,
- Infrastructure for advancing sustainable energy technologies,
- Adaptive/active/energy-efficient structures including underground structures.

Computational, theoretical, or experimental research programs are encouraged. In general, we prioritize the overall originality and promise of the applicant's work, rather than the sub-area of specialization.

Applicants must hold a Ph.D. and will be expected to contribute to the undergraduate, master of engineering, and M.S./Ph.D. course curricula within the civil infrastructure focus area, while maintaining a rigorous program of leading-edge research. The ability to form large research teams to address complex problems will be viewed favorably, as well as potential linkages to Cornell Tech (NYC campus).

Appointments at the level of assistant, associate, and full professor will be considered. Salary and rank will be commensurate with qualifications and experience. Review of applications will begin Dec 1, 2022 and will continue until the position is filled.

The School of Civil and Environmental Engineering at Cornell embraces diversity and seeks candidates who will contribute to a climate that supports students, faculty and staff of all identities and backgrounds. We strongly encourage individuals from underrepresented and/or marginalized identities to apply.

**Application materials must be submitted on-line at**

<https://academicjobsonline.org/ajo/jobs/23200>

Applicants should submit a curriculum vitae and three brief statements (1-2 pages per statement): (1) a research statement, (2) a teaching statement, and (3) a statement of contributions to diversity, equity, and inclusion. Candidates are encouraged to review Cornell University's guidance for writing DEI statements [here](#). In addition to the statements, candidates should include one to three

publications or manuscripts, and provide contact information for at least three references. Questions can be directed to [cee\\_search@cornell.edu](mailto:cee_search@cornell.edu)

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 also recognize a lawful preference in employment practices for Native Americans living on or near Indian reservations. 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.

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We offer a rich array of services, programs and benefits to help employees advance in their career and enhance the quality of personal life, including: employee wellness, workshops, childcare and adoption assistance, parental leave, flexible work options.

As part of the university's [comprehensive vaccination program](#), all Cornell employees are required to have and provide proof of an FDA-or WHO-authorized or approved COVID-19 primary vaccination or have obtained a university-approved disability/medical or religious exemption, regardless of their role and work location.

New hires are required to provide documentation showing primary vaccination status (that is, completion of two shots of the Moderna or Pfizer vaccine or one shot of the Janssen/Johnson & Johnson) before their first day of work. If a new hire's vaccination is not complete or information is not received by their start date, the first day of work will be delayed. It is possible in some cases that an offer of employment may be withdrawn.

For additional information on Cornell's Vaccination Compliance Program [click here](#).