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Downloaded On: Jul. 16, 2024 5:35am
Posted Jul. 15, 2024, set to expire Nov. 14, 2024

Job Title MTEI Associate Director

Department College of Engineering and Bowers College of

Computing and Information Science

Institution Cornell University

Ithaca, New York

Date Posted Jul. 15, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Lecturer/Instructor

Senior Lecturer
Director/Manager

Academic Field(s) Computer Engineering

Computer Science

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Job Description

MTEI Associate Director

Cornell University

The College of Engineering and Bowers College of Computing and Information Science at Cornell University invite applications for an Associate Director for the McCormick Teaching Excellence Institute (MTEI, https://mtei.engineering.cornell.edu/). MTEI's mission is collaborative, developing teaching excellence in a time-efficient manner for faculty. The Associate Director will be a non-tenure track faculty member at the rank of Lecturer/Senior Lecturer, depending on experience and qualifications. Depending on the successful candidate's background, there is a possibility of working with an engineering or Bowers CIS department to occasionally teach or co-teach a course. The position has the flexibility to be either an academic year (9-month) or full year



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(12-month) appointment with an initial appointment of 3 to 5 years, renewable.

Cornell University is located in Ithaca, New York, a city of about 30,000 people in the heart of the Finger Lakes region. With a wide range of cultural and outdoor activities, the pleasures of both city and country are close at hand. Cornell is an extraordinary community shaped by a collaborative approach and innovative culture; a founding commitment to diversity and inclusion; a synergistic mix of rural and urban campuses; and a land-grant legacy of public engagement. The College of Engineering recently codified these shared values as part of its strategic planning process.

Cornell Engineering has a long history of distinction, creativity and impact. The college enrolls a diverse and talented student body that includes 3,200+ undergraduate students and 2100+ graduate and professional students, and it has over 46,000 living alumni around the globe. Cornell Engineering is home to a diverse, collaborative, and dedicated 200+ tenured and tenure-track faculty, 50+ lecturers dedicated to teaching, plus research faculty and professors of practice who work each day to change the world. Faculty span 10 departments, schools and programs with a footprint in both Ithaca and New York City. Cornell Engineering's undergraduate program is the largest and highest ranked in the Ivy League. It has incredible depth with 14 majors and 20 minors, and it is the first engineering college of its size and stature to have reached gender parity among students.

The Ann S. Bowers College of Computing and Information Science, CIS, is a community of people committed to tackling some of the world's biggest challenges by working together across multiple colleges and two Cornell campuses. Cornell Bowers CIS is home to the three academic departments that power the information economy: Computer Science, Information Science, and Statistics and Data Science. It also shares faculty with Cornell Tech and is a partner in the department of Computational Biology. The college is known for bold new ideas expressed in innovative computing and information technologies, groundbreaking textbooks, inspiring curricula, imaginative experiments, and entrepreneurial and commercial impact. More than twelve percent of the Cornell undergraduate student body is a CIS major, and 76% of all undergraduates on the Ithaca campus take at least one CIS course during their time at Cornell. Bowers CIS has more than 100 faculty and graduated 1100 students in 2023 across undergraduates, Master's and PhD students.

MTEI currently employs a full time Director, an Administrative Assistant, and several Faculty Teaching Fellows who have 10% appointments in MTEI (while full time teaching in departments). In addition, MTEI affiliated Faculty Research Fellows are fully embedded in engineering departments as tenure track faculty with research specialization in engineering education topics.



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The Associate Director will contribute to MTEI programs and work with faculty on improving and innovating in teaching across the departments in both colleges. Tasks will include a mix of writing teaching tips, leading workshops, observing classes and providing pointers to faculty, reviewing student course feedback to support course improvements, and working with faculty on course design or redesign efforts. MTEI especially works with new faculty to ensure they have a strong start to teaching. The Associate Director and the instructors that will use MTEI as a resource will be teaching a highly diverse student population so inclusive teaching is essential.

Depending on program needs, the role might include work on special projects and data gathering of mutual interest to the Assoc. Director and MTEI.

The successful candidate must have the following qualifications:

- PhD in engineering or computer science, information sciences, statistics, or a closely related field such as physics, math, chemistry, or engineering education
- 3 years teaching experience at the college level as a full course instructor
- A knowledge base of STEM Education Research and resulting best practices
- Demonstrated use of research-informed practices
- Strong communication skills in English
- Ability to work collaboratively as part of a team engaging with both faculty and staff
- Service-oriented with an ability to provide feedback gently and succinctly with a goal of actionable suggestions for improvement
- Must be available to work predominantly in-person

Preferred Qualifications



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- 5 years teaching experience at the college level including course design and experience with responsibility for all aspects of courses
- Experience mentoring or coaching others in teaching
- Demonstrated innovations in teaching
- Demonstrated interest in service beyond one's own classes
- Demonstrated interest in best practices in STEM education
- Strong organizational skills

The following materials are required:

- Application letter stating interest in the position and outlining teaching experience and interests and research experience and interests (if applicable).
- Curriculum vitae
- Teaching philosophy statement
- Statement on contributions to diversity (required)
- Names and contact information of three references
- Any other supporting documents, such as curriculum development materials, research papers, or original case studies (optional)



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Visit the website below for more information on our required statement on contributions to diversity: https://facultydevelopment.cornell.edu/department-resources/recruitment/contribution-to-diversity/;

Applications must be submitted online at:https://academicjobsonline.org/ajo/jobs/27805

Pay Range for this position is \$70,000 - \$102,000 for a 12 month appointment (Salary will be pro-rated for a 9 month appointment).

The hiring rate of pay for the successful candidate will be determined considering the following criteria:

- Prior relevant work or industry experience.
- Education level to the extent education is relevant to the position.
- Academic Discipline
- Unique applicable skills.

Application Deadline: Evaluation of applications will begin as they arrive and continue until the position is filled. Cornell University embraces diversity and seek candidates who can foster a welcoming climate for all students, faculty and staff. The University also 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.

<u>Diversity and Inclusion</u> are a part of Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, and we do not tolerate discrimination based on any protected characteristic, including race, ethnic or national origin, citizenship and immigration status, color, sex/gender, pregnancy or pregnancy-related conditions, age, creed, religion, actual or perceived disability (including persons associated with such a person), arrest and/or conviction record, military or veteran status, sexual orientation, gender expression and/or identity, an individual's genetic information, domestic violence victim status, familial status, marital status, or any other characteristic protected by applicable federal, state, or local law. We also recognize a lawful preference in employment practices for Native Americans living on or near Indian reservations in accordance with applicable law.



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Cornell University embraces diversity and seeks candidates who will contribute to a climate that supports students, faculty, and staff to all identities and backgrounds. We encourage individuals from underrepresented and/or marginalized identities to apply.

If you have any questions, please contact MTEI Director Kathryn Dimiduk, klc78@cornell.edu.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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