Civil Engineering Faculty Positions

The Department of Civil Engineering invites applications for the following four faculty positions beginning August 2010. It is anticipated that these positions will be filled at the Assistant Professor level, but exceptional candidates at senior levels will also be considered. Candidates must have a Ph.D. degree in Civil Engineering. To be considered for the rank of full professor, the candidate should have international recognition. To be considered for the rank of associate professor, the candidate must have a history of grant funding and active research. These positions will remain open until they are filled, but highest priority will be given to applications received prior to May 1, 2010.

1. **Tenure-Track Position in Structural Engineering**: The successful candidate will be expected to teach existing structural design and mechanics courses, develop new courses, advise undergraduate and graduate students, and develop externally funded research. The Department seeks candidates with strong experimental and analytical skills, a demonstrated potential for advanced scholarship, and a commitment to high quality instruction. The Department encourages applications from candidates in any area of Structural Engineering but is particularly interested in candidates with interests and expertise in large-scale structural testing, infrastructure assessment and rehabilitation technologies, infrastructure sensors and systems, and aging of structural materials. The Department has recently completed construction of a new multi-million dollar structural laboratory, therefore candidates are expected to have a strong interest in developing a research program using the new laboratory and participating in the Case School of Engineering’s Great Lakes Institute for Energy Innovation.

2. **Tenure-Track Position in Geo-environmental Engineering**: The successful candidate will be expected to teach existing geotechnical and related environmental courses, develop new courses, advise undergraduate and graduate students, and develop externally funded research. The department has a strong research program in geotechnical engineering and the new faculty member should complement existing experimental and analytical strengths in both geotechnical and environmental engineering. The candidate will also be expected to contribute to the university’s research focus on energy, sustainability, and infrastructure.

3. **Non Tenure-Track Position in Environmental Engineering**: The successful candidate will be expected to teach undergraduate and graduate courses in traditional and emerging areas of environmental engineering, to advise students, and to participate in outreach and service activities. The initial contract will be for three years, but may be renewed.

4. **Non Tenure-Track Position in Engineering Mechanics**: The successful candidate will be expected to teach undergraduate courses in mechanics, and graduate courses such as finite elements, plasticity, and fracture mechanics, to advise students, and to participate in outreach and service activities. The initial contract will be for three years, but may be renewed.

Additional information about CWRU, the College of Engineering, the Department of Civil Engineering, and the faculty opportunities may be found at [http://www.case.edu/](http://www.case.edu/), [http://www.engineering.case.edu/](http://www.engineering.case.edu/) and [http://civil.case.edu/](http://civil.case.edu/).
Applicants should send their Curriculum Vitae, a statement of their academic interests, a summary of their engineering experience, and a list of four references all in one PDF file to:

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Civil Engineering Faculty Search Committee  
Department of Civil Engineering  
Bingham Building  
Case Western Reserve University  
10900 Euclid Ave.  
Cleveland, OH 44106-7201  
Phone: (216) 368-2699  
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In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Case is a recipient of a National Science Foundation ADVANCE Institute Transformation Grant to increase the participation of women in Science and Engineering.