ABOUT THE DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

STUDENTS (Fall 2013)
- 282 Undergraduate
- 40 (3 M.S./2 M.E./35 Ph.D.)

RANKED 26th in 2013 US News & World Report Graduate Rankings

DEGREES OFFERED
- Civil Engineering (B.S., M.S., Ph.D.)
- Environmental Engineering (B.S., M.S., Ph.D.)
- Transportation Engineering (M.S., Ph.D.)

DEGREES AWARDED IN AY 2013
- 78 B.S. Civil Engineering
- 9 B.S. Environmental Engineering
- 4 M.S. Civil Engineering
- 18 M.E. Civil Engineering
- 5 M.S. Environmental Engineering
- 3 M.E. Environmental Engineering
- 2 Ph.D. Civil Engineering
- 1 M.S. Transportation Engineering
- 4 M.E. Transportation Engineering

GRADUATE STUDENT SUPPORT
- 93% of graduate students received financial assistance.

UNDERGRADUATE RESEARCH SUPPORT
- 35 students per semester participated in Undergraduate Research Projects

RESEARCH AREAS

Earthquake Engineering Research
- 4th largest geotechnical centrifuge (150 g-ton) in the nation
- Response of structures to earthquakes
- Analysis of New Orleans levee failures
- Analysis of critical pipeline failures

Natural Hazard Research (Structural)
- Snow Load Hazard
- Wind Load Hazard
- Natural Hazards, infrastructure and future climate scenarios

Transportation Systems and Operations
- Transportation Planning & Economics
- Disaster Response
- Intelligent Transportation Systems
- Sustainable Freight Systems
- Transport Network Modeling & Simulation Control
- Advanced Econometrics

Computational Mechanics (Civil)
- Modeling & simulation of civil systems
- Micromechanical & multiple-scale modeling
- Automated finite element & discrete element modeling techniques
- Adaptive analysis procedures & design using knowledge-based techniques

Environmental
- Pollutant Fate and Transport
- Water Treatment
- Site Remediation and Bioremediation

CONTACT US

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FACULTY

- Tarek Abdoun, Thomas Iovino Chair Professor, Associate Dean for Research and Graduate Programs
- Xuegang (Jeff) Ban, Assistant Professor
- Victoria Bennett, Assistant Professor
- Philippe Baveye, Kodak Chair of Environmental Engineering
- Ricardo Dobry, NAE, Institute Professor and Director, NEES-NSF Geotechnical Centrifuge Research Center
- Yuri Gorby, Howard N. Blitman ‘50 P.E. Career Development Professor in Engineering
- Jose Holguin-Veras, William H. Hart Chair Professor
- James (Chip) Kilduff, Associate Professor
- Chris Letchford, Professor, Department Head
- Franklin Lombardo, Research Assistant Professor
- Mark Mistur, Associate Professor, Associate Dean, Architecture
- Marianne Nyman, Associate Professor
- Michael O’Rourke, Professor
- John M. Reilly, Professor of Practice
- Inthuorn Sasanakul, Research Assistant Professor
- Mark S. Shephard, Samuel A. Johnson ’37 and Elizabeth C. Johnson Professor of Engineering.
- Michael Symans, Associate Professor
- William Wallace, Yamada Corporation Professor
- Xiaokun (Cara) Wang, Assistant Professor
- Mourad Zeghal, Associate Professor
- Thomas Zimmie, Professor