ABOUT THE DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

STUDENTS (FALL 2017)
- 144 Undergraduate Civil
- 45 Undergraduate ENVE
- 34 Graduate (6 M.E./1 M.S./27 Ph.D)

Ranked 40th in 2017 US News & World Report Graduate Rankings

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

DEGREES AWARDED IN AY 2016-17
- 53 B.S. Civil Engineering
- 22 B.S. Env. Engineering
- 20 M.S./M.E. Civil Engineering
- 6 M.S./M.E. Env. Engineering
- 1 M.S./M.E. Transp. Engineering
- 6 Ph.D. Civil /Env./Trans. Engineering

GRADUATE STUDENT SUPPORT
- 93% of graduate students received financial support

UNDERGRADUATE RESEARCH SUPPORT
- 30 Students per semester participated in Undergraduate Research Projects

RESEARCH AREAS

Earthquake Engineering Research
- 4th Largest geotechnical centrifuge (150g-ton) in the U.S.
- 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
- 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
Department of Civil and Environmental Engineering

FACULTY

- Tarek Abdoun, Thomas Iovino Chair Professor
- Mohammed Alnaggar, Assistant Professor
- Victoria Bennett, Assistant Professor
- Ricardo Dobry, NAE, Institute Professor and Director, NEES-NSF Geotechnical Centrifuge Research Center
- Yuri Gorby, Howard N. Blitman '50 P.E. Career Development Chair Associate Professor in Engineering
- Xiaozheng (Sean) He, Assistant Professor
- Jose Holguin-Veras, William H. Hart Chair Professor
- James (Chip) Kilduff, Associate Professor
- Chris Letchford, Professor, Department Head
- Marianne Nyman, Associate Professor
- Michael O'Rourke, Professor
- John (Jack) Reilly, Professor of Practice
- Mark S. Shephard, Samuel A. Johnson ’37 and Elizabeth C. Johnson Professor of Engineering
- Michael Symans, Associate Professor
- Shun Uchida, Assistant Professor
- William Wallace, Yamada Corporation Professor
- Xiaokun (Cara) Wang, Associate Professor
- Mourad Zeghal, Professor
- Thomas Zimmie, Professor

Pictured below from left to right—NYSDOT Traffic Center (TMC) student tour, our new Hydraulics Lab, Order of the Engineers Ceremony, and the Tappan Zee Bridge trip.