

Professor, University of Illinois

Fahnestock, Larry



Specialties:

- Structural engineering and structural stability
- Behavior and design of building and bridge systems
- Earthquake engineering and seismic stability
- Analysis, large-scale testing, field monitoring and forensic investigation of large-scale structures

Qualifications & Certifications:

- Ph.D., 2006, Civil Eng., Lehigh University
- M.S., 1998, Civil Eng., Lehigh University
- B.S., 1996, Civil Eng., Drexel University
- B.S., 1996, Architectural Eng., Drexel University
- P.E., California (Civil Eng.) and Illinois

Professional Experience:

- 15+ years as university faculty
- 2.5 years as structural engineer

Committees & Memberships:

- Past-Chair, SSRC
- Member, SSRC Executive Committee
- Member, AISC Task Committee 3 – Loads, Analysis and Stability
- Associate Editor, *ASCE Journal of Structural Engineering*
- Fellow, ASCE and SEI
- Member, EERI
- Member Level 3, Structural Extreme Events Reconnaissance Network

Summary: Larry Fahnestock has been on the faculty of the Department of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign since 2006, and he has several years of experience as a structural designer with an architectural and engineering firm. Fahnestock teaches courses in behavior and design of steel structures, building systems and earthquake engineering. His research employs integrated numerical simulations and physical experiments to develop innovative solutions for translation into practice. Fahnestock's research funding has included support from NSF, AISC, the Illinois Center for Transportation, the Illinois Toll Highway Authority, DARPA and the Disaster Prevention Research Institute. He is committed to advancing the structural engineering profession through his research, teaching and service, and his recognitions include: AISC Faculty Fellowship, ASCE Raymond C. Reese Research Prize, ASCE Walter L. Huber Civil Engineering Research Prize, Chi Epsilon Central District Excellence in Teaching Award.



Full-Scale Building Shake-Table Testing at E-Defense in Miki, Japan