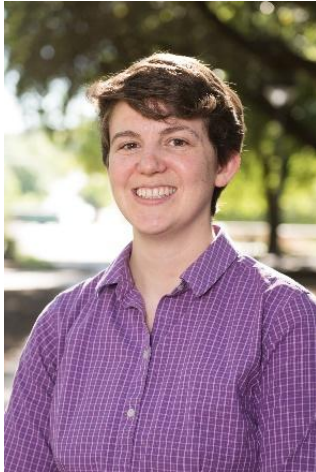


Assistant Professor, University of Texas at Austin

Clayton, Patricia



The University of Texas at Austin
Civil, Architectural and
Environmental Engineering
Cockrell School of Engineering



Specialties:

- Analysis & Computational Modeling of Steel Structures
- Earthquake Engineering
- Stability under Earthquake Loading

Qualifications & Certifications:

- Ph.D., 2013, CEE, University of Washington
- M.S., 2010, CEE, University of Washington

Professional Experience:

- 7+ years as Professor and Researcher

Committees & Memberships:

- SSRC TG06 Extreme Loads Committee
- ASCE Methods of Design Committee
- ASCE Committee on Faculty Development

Summary: Dr. Patricia Clayton got her B.S. in civil engineering from North Carolina State University. She attended University of Washington for her Masters and PhD in civil engineering. She has been an Assistant Professor at University of Texas at Austin since 2014, where she teaches courses in structural design of wood and steel structures and earthquake engineering. Her research interests include design and behavior of steel structures, performance-based engineering, and seismic risk assessment. In terms of stability and behavior of steel components and structures, she has conducted research specifically on the design, behavior, and computational modeling of steel plate shear walls for high- and low-seismic applications, self-centering seismic systems, steel moment frame systems with replaceable fuse connections, and the collapse performance of steel gravity framing systems subjected to seismic loading.

