



INSTITUTION

Georgia Institute of
Technology

EDUCATION

University of California, San
Diego

LAUREN STEWART

Dr. Lauren Stewart is an Assistant Professor in the School of Civil and Environmental Engineering at the Georgia Institute of Technology. She received the NDSEG Fellowship from the Army Research Office to support her Ph.D. in Structural Engineering at the University of California, San Diego, where she also completed her M.S. and B.S. Dr. Stewart is Director of the Structural Engineering and Materials Laboratory at Georgia Tech, and her research employs innovative experimental strategies to investigate the behavior of structures subjected to extreme environments (e.g., blast, ballistics, earthquakes). These strategies are then further used to characterize materials, develop computational models, and create design strategies, thus improving the safety of infrastructure. Specifically, her research on explosive and shock effects has influenced various national security programs for agencies including Air Force Research Laboratory, US Army ERDC, and Office of Naval Research.

Since joining Georgia Tech, she received the CEE Research Program Development Award, the Bill Schutz Junior Faculty Teaching Award, honored as an Air Force Summer Faculty Fellow, and named a 2017 Rising Star in Structural Engineering. In 2014, Dr. Stewart started the Tech Vets program, which engages U.S. veterans and active duty military into her research programs.