2016: Dr Brady Cox

Dr. Cox is a Professor in the Civil and Environmental Engineering Department at Utah State University (USU). Prior to joining USU, he served on the faculty of The University of Texas for eight years and The University of Arkansas for six years. Dr. Cox specializes in geotechnical engineering, with emphasis on issues related to seismic design and in-situ site characterization for major construction projects. His research efforts combine experimental field testing with computational analyses and high-performance computing for subsurface imaging purposes. He has led teams deployed to collect seismic site characterization data at ground motion recording stations, soil liquefaction sites, and structural failures following significant earthquakes in the U.S. and around the world (e.g., Ecuador, Haiti, Japan, New Zealand, Peru, Turkey). He has also participated in numerous dynamic site characterization projects for the seismic design of critical facilities (e.g., nuclear power plants, U.S. DOE laboratory sites, bridges, tunnels) in the U.S. and abroad. Dr. Cox is a recipient of the prestigious Faculty Early Career Development (CAREER) award from the U.S. National Science Foundation and the Presidential Early Career Award for Scientist and Engineers (PECASE), which he received in a ceremony at the White House from President Barack Obama. He has authored over 100 peer-reviewed publications and has taught eight different courses at the undergraduate and graduate levels at three different universities. He grew up the son of a tough and hard-working coal miner in Helper, Utah. His personal life is influenced by five important women (his wife and four daughters). He loves all outdoor activities, and currently spends quite a bit of time training for endurance sports, having recently completed an Ironman Triathlon and 50-mile ultra-marathon.

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