

Stephen Mahin, Ph.D.

Byron and Elvira Nishkian Professor of Structural Engineering, UC Berkeley
Director, Pacific Earthquake Engineering Research Center (PEER)

Steve Mahin is professor of structural engineering, and specializes in the design and analysis of structural systems to resist the effects of potentially damaging earthquakes. His work focuses on conceptual, analytical and experimental aspects of earthquake engineering. He has carried out pioneering work in the development of hybrid simulation methods, and has made major innovations related to seismic design of buildings, bridges, offshore structures, and industrial facilities. Today, his work focuses on development of new types of resilient structures that are resistant to damage in severe earthquakes, high performance computer simulation, and the effects of earthquakes, tsunami and other natural hazards on institutions and communities.

He has more than 500 technical publications, and has been honored by the American Society of Civil Engineering by the Norman Medal, the Walter Huber Civil Engineering Research Prize, and election to the Offshore Technology Hall of Fame. His accomplishments have also been acknowledged by the Lifetime Achievement Award and Special Educators Achievement Award by the American Institute of Steel Construction.