

Structural Engineering Institute 2011 Award Recipients



Left to right: Don Dusenberry, James Harris, Sashi Kunnath, Donna Friis, Andrei Reinhorn, Michel Bruneau, Sam Rihani.

The Structural Engineering Institute (SEI) proudly recognized the following recipients at the 2011 Structures Congress in Las Vegas, Nevada on April 14, 2011:

Structural Engineering Institute Awards



Dennis L. Tewksbury Award

The Tewksbury award recognizes distinguished service to SEI. The 2011 Award is presented to **James R. Harris, Ph.D., P.E., M.ASCE**. Dr. Harris has a long and distinguished history of service to SEI, ASCE, and the structural engineering profession. He chaired the committee for ASCE 7 for 7-98, 7-02, and 7-05. He served as a member and then Chair of the Codes and Standards Activity Division Executive Committee 1995-2005, and led as President of SEI 2008-2009. He also served as a member of the ASCE/SEI Pentagon Team, and the SEI Chile Earthquake Assessment Team in 2010. Dr. Harris is Owner and Principal of J.R. Harris & Company in Denver, Colorado.



Walter P. Moore, Jr. Award

This award is presented for significant contributions to the development of codes and standards. The 2011 recipient is **Michael O'Rourke Ph.D., P.E., M.ASCE**. Dr. O'Rourke is commended for his significant and career long contributions to the development of structural codes and standards which have advanced the science of snow load engineering both nationally and internationally. For more than 30 years Dr. O'Rourke has been actively involved in developing provisions for defining snow loading on structures and is the clear leader of the snow load community for the past few decades. His extensive research has resulted in changes to building codes and

contributions to technical literature. He has organized sessions on the topic at technical meetings and conferences and served in leadership positions on national and international professional committees that focus on snow load provisions and snow load hazards. Dr. O'Rourke is a professor in the Department of Civil and Environmental Engineering at Rensselaer Polytechnic Institute.



Gene Wilhoite Award

The 2011 Award recipient is **Gary E. Bowles, P.E., F.ASCE** for his significant contributions to the advancement of the Art and Science of transmission line engineering. Mr. Bowles has served as a member of several ASCE committees, many of which produced manuals of practice or standards in the field of electrical transmission structures, including Electrical Transmission Structures, Design of Steel Transmission Poles Structures Standards (ASCE/SEI 48 Standard), Design of Steel Transmission Poles Structures (MOP 72), Reliability Based Design of Utility Pole Structures (MOP 113), and the Loading Committee (MOP 74). In addition, he has been a member of the Steering Committees for the Electrical Transmission and Substation Conferences held in 2002, 2006, 2009, and 2012. He has authored/co-authored numerous technical papers, guides, and standards. Mr. Bowles is Vice President, Transmission, for Electrical Consultants Inc.



SEI President's Award

The SEI President's Award recognizes exemplary contributions to the success of SEI. The recipient of the 2011 SEI President's Award is **Donna Friis, P.E., M.ASCE** for her outstanding efforts on behalf of the Local Activities Division, both for her enthusiasm and dedication to the development of local SEI Chapters and for her long-term commitment to serving the Institute through technical, administrative, and conference committees. Ms. Friis has served on the ASCE 7 Wind Loads Subcommittee, the 2010 Structures Congress Local Committee, the Local Activities Division Executive Committee, and the SEI Membership Committee. Ms. Friis is a senior structural engineer with CDM in Maitland, Florida.

ASCE Society Awards



Shortridge Hardesty Award

The 2011 award goes to **Mark A. Bradford, Ph.D., D.Sc., P.E., M.ASCE**, in recognition of his significant and influential contributions to the art and science of stability of metal structures. His research has been praised for its diversity and uniformly superior quality. Prof. Bradford is currently an Australian Laureate Fellow and Scientia Professor in the Department of Engineering the University of South Wales, Sydney Australia.



Nathan M. Newmark Medal

The 2011 medal is awarded to **Andrei M. Reinhorn, Ph.D., P.E., F.ASCE**, for his contributions to the development of experimental and analytical methods in structural dynamics and in design of response-control systems for earthquake resistant buildings, as well as contributions to quantify earthquake resilient communities. He is also recognized for his contributions in the development of new modeling techniques for nonlinear structural analysis, and structural control of inelastic structures. Dr. Reinhorn is the Clifford Furnas Eminent Professor in the Department of Civil, Structural, and Environmental Engineering at University at Buffalo (SUNY).



Raymond C. Reese Research Prize

The 2011 prize is presented to **Jonah J. Shishkin, P.Eng., M.ASCE; Robert G. Driver, Ph.D., P.Eng.; and Gilbert Y Grondin, Ph.D., P.Eng.** They are receiving the prize for the paper “Analysis of Steel Plate Sheer Walls Using Modified Strip Model,” published in the November 2009 issue of the *Journal of Structural Engineering*. Mr. Shishkin is from Worley Parsons Canada; Prof. Driver is a professor of Structural Engineering in the Department of Civil and Environmental Engineering at the University of Alberta; Prof. Grondin is a professor of Structural Engineering in the Department of Civil and Environmental Engineering at the University of Alberta.



George Winter Award

Michel Bruneau, Ph.D., P.Eng., F. ASCE, is presented with the 2011 award in recognition of his contributions to structural engineering and seismic hazard mitigation and his contributions to creative fictional literature which succeed in telling the hazard mitigation story to a broader audience and uniquely qualify him for this award. Prof. Bruneau is a professor in the Department of Civil, Structural, and Environmental Engineering at University at Buffalo (SUNY).