



## Structural Engineering Institute 2010 Award Recipients

The Structural Engineering Institute (SEI) proudly recognized the following recipients at the Joint NASCC: *The Steel Conference and Structures Congress* in Orlando, Florida on May 15, 2010:

### Jack E. Cermak Award

This award is given jointly by the Engineering Mechanics Institute and the Structural Engineering Institute. The 2010 award goes to **Jon Peterka, Ph.D., P.E., M. ASCE**, in recognition of his lifelong contributions to the field of wind engineering through education, research, and practice. Dr. Peterka is presently the President of CPP, Inc., and is one of the co-founders of the firm.

### J. James R. Croes Medal (2009)

The 2009 medal is awarded to **Michael H. Scott, Ph.D., M. ASCE**; **Gregory L. Fenves, Ph.D., M. ASCE**; **Frank McKenna, Ph.D.**; and **Filip Filippou, Ph.D., M. ASCE** for the paper "Software Patterns for Nonlinear Beam-Column Models" *Journal of Structural Engineering*, April 2008. Dr. Scott is currently an Assistant Professor of Structural Engineering at Oregon State University. Dr. Fenves is the Dean of the Cockrell School of Engineering at the University of Texas at Austin, and the Jack and Beverly Randall Dean's Chair for Excellence in Engineering. Dr. McKenna is an Assistant Researcher at the University of California, Berkeley. Dr. Filippou is a Professor at the University of California, Berkeley.

### Shortridge Hardesty Award

The 2010 award goes to **Dinar Camotim, Ph.D., M. ASCE**, in recognition of his sustained and substantial contributions to the field of structural stability during his career of active teaching and research, and how his scholarship and service has positively impacted many global design standards. Prof. Camotim is currently a Professor in the Department of Civil Engineering and Architecture at the Technical University of Lisbon, Portugal.

### Ernest E. Howard Award

The 2010 Award is awarded to **Charles Roeder, Ph.D., P.E., M. ASCE**, for his outstanding contributions to research and practice in the seismic resistant design of structural steel buildings, bridge bearing design and bridge thermal movement design. Prof. Roeder is a Professor of Structural Engineering and Mechanics at the University of Washington.

### Walter L. Huber Civil Engineering Research Prizes

The 2010 recipients are **Gustava Parra-Montesinos, Ph.D., A.M. ASCE**, and **Benjamin W. Schafer, Ph.D., P.E., M. ASCE**. Dr. Parra-Montesinos is being honored for research on frame and wall structural systems that opened new doors of perception and enabled use of strain-hardened fiber-reinforced concrete, a highly effective composite, to improve the safety and behavior of connections and members subjected to intensive shear force. Prof. Schafer is being honored for his research on the behavior of thin walled structural members and the development of more comprehensive design methodologies. His recommendations on the Direct Strength Method have influenced several standards. Dr. Parra-Montesinos is currently an Associate Professor at the University of Michigan. Prof. Schafer is the Swirnow Family Faculty Scholar, an Associate Professor and Chair of the Department of Civil Engineering at Johns Hopkins University.

### Moisseiff Award

The 2010 award is presented to **Joseph Yura, Ph.D., P.E., M. ASCE**; **Todd Helwig, Ph.D., P.E., M. ASCE**; **Chong Zhou, Ph.D., P.E., A.M. ASCE**; and **Reagan Herman, Ph.D., A.M. ASCE** for the paper "Global Lateral Buckling of I-Shaped Girder Systems," published in the September 2008 issue of the *Journal of Structural Engineering*. Prof. Yura is Professor Emeritus in Civil Engineering at the University of Texas at Austin; Prof. Helwig is an Assistant Professor in Civil Engineering at the University of Texas at Austin; Dr. Zhou is a Senior Specialist at Technip USA; and Dr. Herman is a Resident Assistant Professor in Civil Engineering at Johns Hopkins University.

### Raymond C. Reese Research Prize

The 2010 prize is presented to **Donald White, Ph.D., M. ASCE**. He is receiving the prize for the paper "Unified Flexural Resistance Equations for Stability Design of Steel I-Section Members: Overview," published in the September 2008 issue of the *Journal of Structural Engineering*. Prof. White is a Professor in the School of Civil and Environmental Engineering at the Georgia Institute of Technology.

## Structural Engineering Institute Awards

### Dennis L. Tewksbury Award

The Tewksbury award recognizes distinguished service to SEI. The 2010 Award is presented to **Tom Williamson, P.E., F. ASCE**. Mr. Williamson has a long and distinguished history of service to SEI, ASCE, and the profession, including leadership of the standard committee on LRFDF for wood, the technical committee on wood, the codes and standards executive committee of SEI, and the codes and standards committee of the board of ASCE. He also served on several Structures Congress organizing committees and chaired one. His work has made a real difference for the better in our practice of structural engineering. Mr. Williamson is currently the Vice President of Quality Assurance and Technical Services at APA-The Engineered Wood Association.

### Walter P Moore, Jr. Award

This award is presented for significant contributions to the development of codes and standards. The 2010 recipient is **John Kulicki, Ph.D., P.E., M. ASCE**. Dr. Kulicki is commended for his significant and career long contributions to the development of structural codes and standards which have advanced the science of bridge engineering. He has devoted considerable time to research, teaching, authoring technical publications and presentations, and has been a major force in the development of structural codes and standards which have advanced the science of bridge engineering. His work in organizing and leading the development of the AASHTO LRFDF Bridge Design Specifications is a significant accomplishment, and is a testament to his skills and abilities as an engineering leader. Dr. Kuliki is the Chairman and CEO of Modjeski and Masters.

### Gene Wilhoite Award

The 2010 Award recipient is **Wesley J. Oliphant, P.E., F. ASCE** for his significant contributions to the advancement of the Art and Science of transmission line engineering. Mr. Oliphant has served as a member or chair on several ASCE committees and holds multiple patents related to transmission structures. He has been in the profession for over thirty years and has authored/co-authored numerous technical papers, guides, and standards. He is President and CEO of ReliaPOLE Solutions Inc.



## SEI Election Announcement

Deadline: July 31, 2010

There are ten Governor positions on the SEI Board of Governors: two representatives from each of the four Divisions (Business & Professional, Codes & Standards, Local Activities, and Technical Activities), one appointed by the ASCE Board of Direction, and the most immediate and available Past President of the SEI Board. The representatives from the Divisions each serve a four-year term. This year SEI is conducting an election for a Business & Professional and a Codes & Standards representative on the Board of Governors.

The BPAD and CSAD Executive Committees have nominated Pat McCormick and Ed DePaola as their respective candidates. In accordance with the SEI Bylaws, each ballot provides a space for a write-in vote. If you are a member of ASCE/SEI please complete and mail the ballots to the address provided. Either vote for the named candidate OR provide a write-in candidate. Because we must confirm SEI/ASCE membership, **ONLY SIGNED BALLOTS WILL BE ACCEPTED. DEADLINE JULY 31, 2010.**



2010 Award Recipients, left to right: Roberto Leon, Wesley J. Oliphant, Mike Ritter, Joseph Yura, Donald White, Todd Helwig, Gustavo Parra-Montesinos, Chong Zhou, Jon Peterka, and Reagan Herman.



**Ed DePaola, P.E., M. ASCE** is President/CEO of Severud Assoc. Consulting Engineers PC, New York. Over the past 30 years, he has designed many projects including high-rise buildings, long-span facilities and special structures requiring innovative structural solutions. He has a B.S. in Civil Engineering and M.S. in Structural Engineering from the Univ.

of Notre Dame, and a J.D. from Seton Hall School of Law. He is one of the Founding Members and Past President of the Structural Engineers Association of New York (SEAoNY), Chairman of the ASCE *Tensile Membrane Structure Standards Committee*, and a professor at NYU School of Continuing Education. He is Co-Chair of the Building Department's *New York City Model Code Program* for the adoption of the structural portions of the IBC Building Code. He was Principal-in-charge of the American Airlines Terminal Redevelopment Project at JFK International Airport, and the roof and enclosure structures at the Denver International Airport. Currently, he is Principal-in-Charge of One Bryant Park, the 1,200-foot tall office building nearing completion in midtown Manhattan. It is the second tallest building in NYC and will be the first high-rise office structure in the world to receive a LEED Platinum rating.



**Patrick McCormick, P.E., M. ASCE** is President/CEO of Brander Construction Technology, Inc., a structural engineering firm in Green Bay, Wisconsin. Mr. McCormick has been practicing structural engineering for over 25 years. Pat has analyzed structures and designed rehabilitation projects for heavy industrial facilities across the United States. After joining Brander in 1986 as a staff engineer

and holding numerous positions over the years, he was promoted to his current position in 2000. Pat currently divides his time between practicing engineering, and promotion and business development for the company. Pat holds a B.S. in Civil Engineering with a structural emphasis from the University of Wisconsin. He is a registered S.E. in Illinois. Pat volunteers his time with the American Red Cross, the YMCA, and his local church. He is married, has two children, and enjoys hunting and fishing in his free time.

Full Name: \_\_\_\_\_ Member's ASCE/SEI ID No: \_\_\_\_\_  
(Please print)

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Return **postmarked no later than July 31, 2010** to:  
SEI Board Election, 1801 Alexander Bell Dr., Reston VA 20191.

### Business and Professional Activities Division

- Pat McCormick  
 Write-in vote: \_\_\_\_\_

### Codes and Standards Activities Division

- Ed DePaola  
 Write-in vote: \_\_\_\_\_

SEI 2010  
Board of  
Governors Election  
Official Ballot