

IBC 2008 BRIDGE AWARDS PROGRAM

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The International Bridge Conference in conjunction with Roads and Bridges Magazine, Bayer Corporation and Bridge design and engineering Magazine, annually awards five metals and one student award to recognize individuals and projects of distinction. The metals are named in honor of the distinguished engineers who have significantly impacted the bridge engineering profession worldwide. The student award is named in honor of a former IBC General Chairman, champion of the student award's program and friend to the bridge community at large.

John A. Roebling Medal



The John A. Roebling Metal recognizes an individual for lifetime achievement in bridge engineering. We, at IBC, are pleased to recognize Leonardo Fernandez Troyano as the 2008 recipient. As a co-founder of Carlos Fer-

nandez Casado S.A. Project Consultancy Firm, Dr. Fernández is widely recognized as one of the world's leading bridge engineers for his designs beautiful and elegant contemporary bridges. As he approaches his 70th year, he maintains his passion for historic bridges and their preservation. Dr. Fernandez is recognized for his many published technical articles and books including a monumental treatise, entitled Bridge Engineering published in 2003.

George S. Richardson Medal

The George S. Richardson Medal, presented for a single, recent outstanding achievement in bridge engineering, is awarded to Nangtong City, Jiangsu Province, China for the Sutong Bridge. As part of a \$1.5 billion crossing of the Yangtze River, the structure features a seven span cable-stayed unit with a main span in excess of 3,400 feet, the world's record for cable-stayed crossings.



James C. Cooper Student Award

The James D. Cooper Student Award recognizes undergraduate and graduate students who demonstrate an interest and passion for bridge engineering. The award is presented to winners of a student competition for technical writing and engineering insight. For 2008, the graduate award is presented to Woo Soek Kim, a graduate student in the Department of Civil and Environmental Engineering at the Pennsylvania State University for his paper entitled: Simplified Nonlinear Numerical Method for Integral Abutment Bridges. This paper reports the development of a numerical model to simulate integral abutment bridge behavior and provides the basis for long-term and/or probabilistic numerical simulation of such structures. For 2008, the undergraduate award is presented to Heidi Clayville, Theresa Howell and Kristen Erickson of Washington University in St. Louis for their paper entitled: The New Daniel Boone Bridge Project: US Route 40/I-64 Across the Missouri River.

Gustav Lindenthal Medal

The Gustav Lindentahl Metal, awarded for an outstanding structure that is also aesthetically and environmentally pleasing, recognizes the Route 50 Bridge over the Ohio River and Blennerhassett Island, Parkersburg, West Virginia. The distinctive 878-foot long network tied arch with inclined hangers using stay-cable-technology gives the structure its signature element.



Eugene C. Figg Jr. Medal

The Eugene C. Figg Jr. Medal for Signature Bridges, recognizing a single recent outstanding achievement in bridge engineering which is considered an icon to the community for which it is designed. For 2008, we recognize the High-Main Street Bridge, Hamilton, Ohio. Its location within the City's monumental core adjoining the Neo-Baroque War Memorial and Art Deco City Hall resulted in a Memorandum of Understanding between the City, SHPO and the funding agencies that dictated the aesthetic guidelines consistent within the context of the historic district wherein it lies.



Arthur G. Hayden Medal

The Arthur G. Hayden Medal, recognizing a single recent outstanding achievement in bridge engineering demonstrating vision and innovation in special use bridges, will be presented to recognize the Tri-Countries Bridge, Weil Amrhein, Germany. This delicate, simple yet expressive pedestrian bridge, spanning the Rhine River with a main span in excess of 750 feet, connects Germany and France immediately adjacent to the Swiss border.

