# news

CALL FOR PROPOSALS

## 2011 AISC Milek Fellowship Call for Proposals

AISC is now accepting proposals for the 2011 AISC Milek Fellowship (previously Faculty Fellowship). The award has been renamed after William A. Milek, former AISC Vice President of Engineering and Research, to recognize his invaluable contributions to AISC and the structural steel industry as a whole. The Milek Fellowship is a four-year, $30,000 per year award for promising faculty members. The program is designed to contribute to the research careers of beginning faculty who teach and conduct research investigations related to structural steel while producing research results beneficial to designers, fabricators, and erectors of structural steel. Applications are due September 15, 2011.

To read the full RFP announcement on the AISC website, go to **http://bit.ly/jSQVzL**.

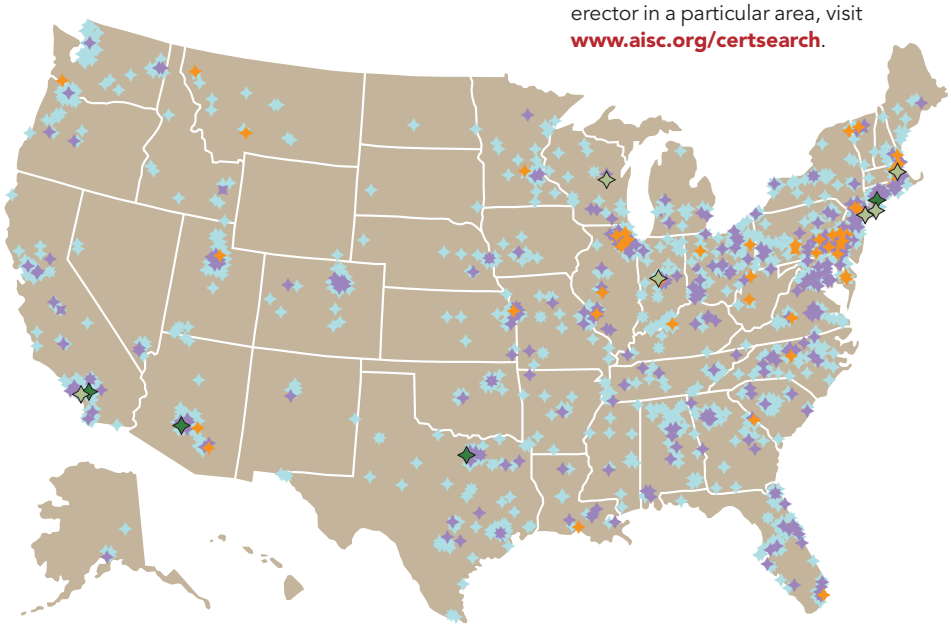
For fellowship program description and requirements, visit **www.aisc.org/facultyfellowship**.

**CORRECTION**

The article about the Brooklyn Bridge published in the June 2011 issue of *MSC* contained an error. The bridge design should have been attributed to John A. Roebling. *MSC* regrets the error.

## Newly Certified Facilities: May 1–31, 2011

To find a certified fabricator or erector in a particular area, visit **www.aisc.org/certsearch**.



Existing Certified Fabricator Facilities

Existing Certified Erector Facilities

Existing Certified Bridge Component Facilities

Newly Certified Fabricator Facilities

Newly Certified Erector Facilities

Newly Certified Bridge Component Facilities

**Newly Certified Fabricator Facilities**

Construction Steel, Inc., Cedar City, Utah
Ducworks, Inc., Logan, Utah
E & D Specialty Stands, Inc., North Collins, N.Y.
Hazleton Iron Works, Inc., Hazleton, Pa.
RK Specialties, Inc. (dba RK Mechanical, Inc.), Denver, Colo.
Supermetal Southern Inc., Rock Hill, S.C.
United Structural Works, Inc., Congers, N.Y.

**Newly Certified Erector Facilities**

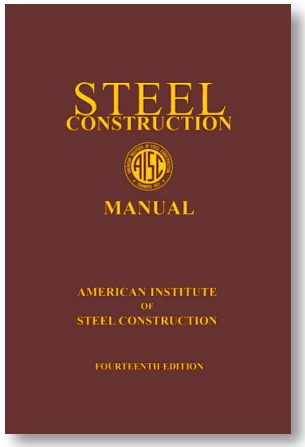
EBCI, Inc., McCulla, Ala.
Kenvil United Corp., Kenvil, N.J.
S & H Steel Co. Inc., Gilbert, Ariz.
Vista Engineering Corporation, Ridgefield, N.J.

## People and Firms

- **Charlie Humphreys** has been appointed national sales manager for the United States and Canada for AISC member Lindapter International. Prior to joining Lindapter he was vice president and general manager of global sales for Unistrut.
- **James E. Nebraska** died April 25, 2011, at the age of 71. From 1974 to 2003 he was an owner of the structural engineering firm Lantz Jones & Nebraska, Inc., Columbus, Ohio. The firm name was changed in 2005 to Shelley Metz Baumann Hawk, Inc.
- Waltham, Mass.-based **Simpson Gumpertz & Heger Inc.** (SGH) has acquired Capobianco Consulting Engineers, LLC (CCE), a consulting engineering firm also headquartered in Waltham, Mass. Through the acquisition, SGH has expanded its parking structure engineering services and has added the CCE team to its Boston-area headquarters. **Sal A. Capobianco**, P.E., will serve as a SGH senior principal.
- On May 16 Parsippany, N.J.-based **Acrow Corporation**, a bridge engineering and supply company, received the Presidential "E" award for Exports from the U.S. Department of Commerce. The company specializes in modular prefabricated steel bridges. Its exports have grown from 5% of total sales in 1995, when it first began exporting, to more than 50% today. Acrow bridges are fabricated by AISC member **Milton Steel, Inc.**, Milton, Pa.
- **Bug-O-Systems** is offering companies free registration on a its new online clearinghouse for welding and cutting information. Designed to bring quick and easy search tools to a wealth of broad-spectrum data, the site is on target to launch in the fall of 2011. To register your firm or for more information, go to **www.weld.com**.
- AISC member **Capone Iron Corporation**, Rowley, Mass., recently donated an AISC Steel Sculpture to the Worcester Polytechnic Institute, Worcester, Mass. Originally created by Duane Ellifritt, the AISC Steel Sculpture is a visual teaching aid that shows a variety of members and connections.

RESOURCES

## Introducing the 14th Edition AISC *Steel Construction Manual*




The 14th Edition of the *Steel Construction Manual* has arrived. This new burgundy publication (reminiscent of the 6th Edition *Manual*) contains, and is based on, ANSI/AISC 360-10, the 2010 AISC *Specification for Structural Steel Buildings*. Located in Part 16 of the *Manual*, the *Specification* is the standard that is referenced by building codes and job specifications. This document is the heart and soul of the information and recommendations provided in all the rest of the *Manual*, even though it may seem relegated to one of the last chapters.

AISC is aware of the difficulty experienced by the structural engineering profession when dealing with frequent changes in building codes and material standards. For this reason, the revisions made in this version of the *Manual* were limited to clarifications and a minimal number of technical changes. The *Manual* includes the following notable updates and revisions:

- All tabular information and discussions have been updated to comply with the 2010 *Specification for Structural Steel Buildings*, and the standards and other documents referenced therein.
- Shape information has been updated to ASTM A6-09, including the addition of two new shape series, HP18 and HP16.
- Weights of HSS are revised based on industry practice.
- The minimum $S_z$ value for single angles is published based on the heel and toes of the angles.
- Tables for eccentrically loaded single angles are revised to be consistent with the *Specification* using the unsymmetric shape equations in *Specification* Section H2.
- Available compressive strength tables for filled HSS now indicate at what length the bare steel member controls the strength.
- The coefficients, *C*, in the eccentrically loaded weld group tables have been revised for the $a$=0 case (no eccentricity) to be consistent with *Specification* Chapter J. Additionally, the tables are supplemented to provide the strength for L-shaped welds loaded from either side.
- The procedure for the design of conventional single-plate shear connections is revised to accommodate the increased bolt shear strengths of the 2010 *Specification for Structural Steel Buildings*.
- Information is provided to determine if stiffening plates (stabilizers) are required for extended single-plate shear connections.
- The bracket plate design procedure is revised.

A full day seminar on the new *Specification* and *Manual* will kick off in mid-September and will be presented in cities throughout the United States. This will be the inaugural Louis F. Geschwindner Seminar Series entitled, *Leverage Your Knowledge With the 2010 AISC Specification and the 14th Edition Steel Construction Manual*. The important changes and clarifications that have been incorporated into the 2010 AISC *Specification* and the 14th Edition *Steel Construction Manual* will be explained in this seminar, including design examples illustrating the provisions and use of these publications. The new annual seminar series has been named to honor AISC's immediate past Vice President of Engineering and Research, and to emphasize the importance AISC places on providing valuable continuing education programs to the steel design and construction community.

The *Manual* is available for purchase on the AISC website at **www.aisc.org/store** for $175 (members) and $350 (nonmembers). The accompanying Version 14.0 database and design examples will be provided on the AISC website later this summer at **www.aisc.org/shapesdatabase** and **www.aisc.org/designexamples**.

*—Cynthia J. Duncan, Director of Engineering, AISC*

REGULATIONS

## Deadline Looms for Steel Fabricators to Contact EPA

Firms primarily engaged in Fabricated Structural Metal Manufacturing and not previously covered as "major emitters of hazardous air pollutants" have until July 25, 2011, to submit an Initial Notification of compliance to the EPA. AISC believes the vast majority of shops will be covered by this rule. AISC director of research Thomas J. Schlafly explained this and other nuances of the National Emission Standards for Hazardous Air Pollutants, 40 CFR Part 63, and how they affect fabricators in the April 2011 issue of *MSC*.

To read the article "Clean Air Regulations Coming to Your Fabrication Shop," go to **http://bit.ly/jDlfDt**.

MATERIALS

## Atlas Tube to Reopen Blytheville, Ark., Manufacturing Facility

AISC member Atlas Tube, a division of JMC Steel Group, is reopening its Hollow Structural Section (HSS) manufacturing facility in Blytheville, Ark. The facility will begin regularly scheduled mill rollings starting in September. The decision to reopen this plant will allow the company to provide high quality customer service, reduce product lead times, and enhance delivery performance to customers in the Southeast and Southwest regions of the country. Atlas will produce round, square, and rectangle HSS at this facility. These products are typically used in various construction and OEM applications.

"The new technology we have deployed in Blytheville will elevate our quality, drive higher order turnaround, and give us added capacity to better serve our customers in the Southern and Western regions of the country," said David Seeger, president of JMC Steel Group.

Customers serviced from the Blytheville facility will continue to be supported via the customer service teams at the company's Chicago, Plymouth, Mich., and Harrow, Ontario facilities. For more information, visit **www.atlastube.com**.