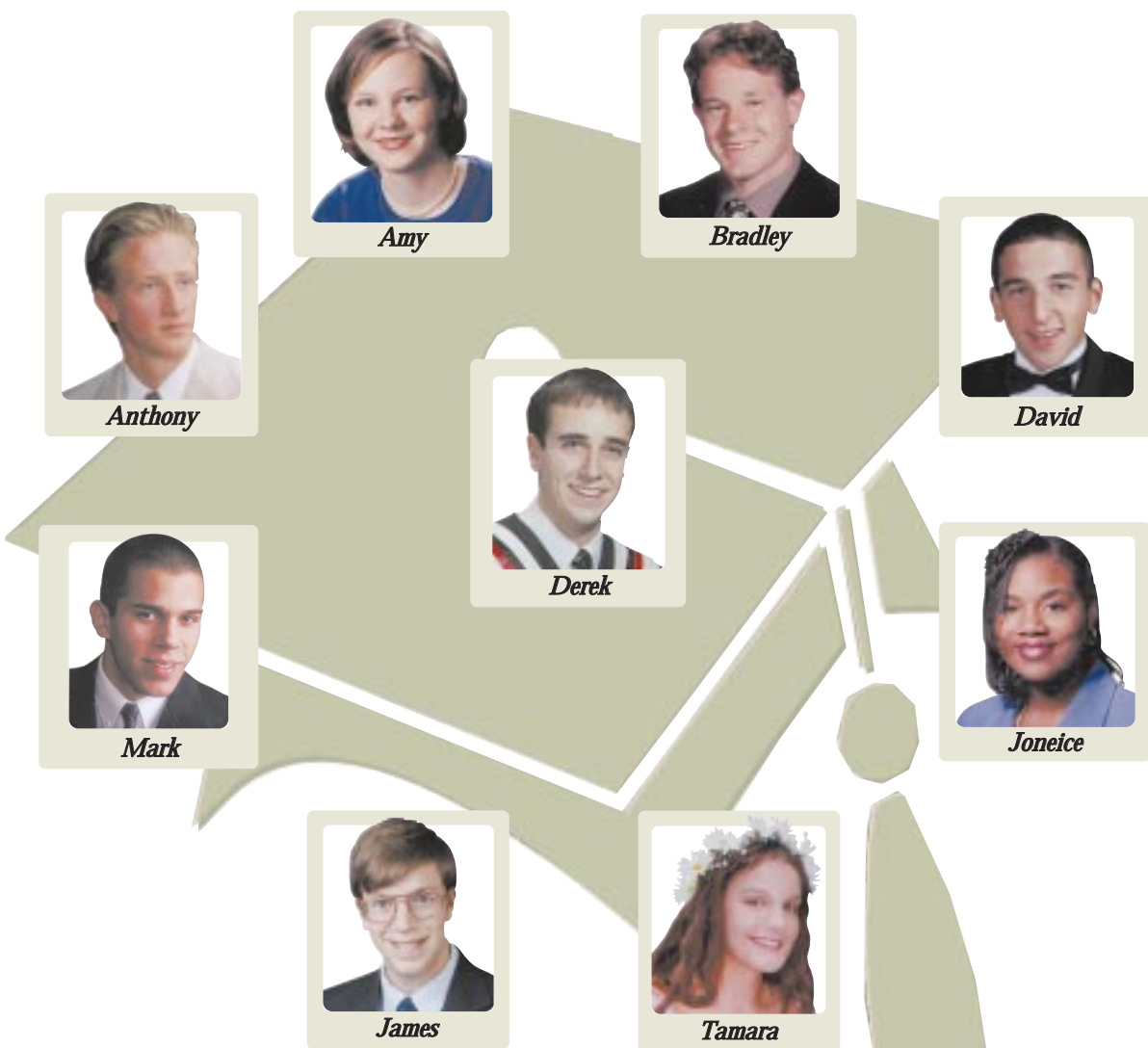


The *AISE* Steel Foundation

UPDATE

www.steelfoundation.org

Fall 1999 Issue



1999-2000 *Scholarship Recipients*

The Making, Shaping and Treating of Steel

11th edition

Ironmaking Volume

The Ironmaking Volume was published in CD-ROM format in September 1999 and book format in October 1999. This volume, edited by David H. Wakelin, LTV Steel Corp., covers cokemaking, blast furnace ironmaking, and direct reduction and smelting processes. A team of 32 authors, with backgrounds in steel research, engineering, operations, and equipment building and design, wrote the 11 chapters.



Steelmaking and Refining Volume

The Steelmaking and Refining Volume was published in September 1998 in book format. A CD-ROM version of this volume will be published by year-end 1999. This volume, edited by Richard J. Fruehan, Carnegie Mellon University, covers hot metal desulfurization, oxygen steelmaking, electric steelmaking, stainless refining, vacuum degassing, ladle refining, and future direct steelmaking initiatives.

Casting Volume

The Casting Volume is currently in writing and is scheduled for publication, in both CD-ROM and book formats, in September 2000. This volume, edited by Alan W. Cramb, Carnegie Mellon University, will be a monumental reference on the subject of casting technology. Since the publication of the 10th edition in 1985, this field has advanced dramatically. This volume will cover the latest technologies in casting, solidification theory, heat and mass transfer, fluid flow, metallurgy of steel, liquid steel treatment and temperature control, casting machine design, and caster operation. A stellar team of international experts has been assembled to author this volume, with backgrounds in research, engineering, operations, and equipment design.

Flat Products Volume

The Flat Products Volume, to be edited by David K. Matlock, Colorado School of Mines, is planned for publication, in both CD-ROM and book formats, in September 2001.

Long Products Volume

The Long Products Volume, to be edited by Dennis D. Huffman, The Timken Company, is planned for publication, in both CD-ROM and book formats, in September 2002.

Order your copy of the *Ironmaking Volume* or the *Steelmaking and Refining Volume* on-line at www.steelfoundation.org or call 1-412-281-6323, ext. 169.

1999–2000 Scholarship Recipients

NATIONAL MERIT SCHOLARSHIP WINNERS — Four-year scholarships were awarded to **Bradley G. Kittenbrink**, son of Douglas A. Kittenbrink of Allegheny Ludlum Corp., and **Amy L. Graham**, daughter of Thomas C. Graham Jr. of AK Steel Corp. Brad will be attending Harvard University, studying computer engineering, and Amy will be attending Williams College, studying veterinary science.

DAVID H. SAMSON CANADIAN SCHOLARSHIP — A four-year scholarship was awarded to **Derek R. Howchin**, son of Richard B. Howchin of Dofasco Inc. Derek will be attending Queen's University, studying electrical and computer engineering.

Baltimore Section

The one-year Baltimore Section Founders Scholarship was awarded to **David Lubitz**, son of Linda Lubitz of Radiometrie Corp. Dave is in the Honors program at the University of Delaware where he is studying civil engineering.

Canton Section

— The 1999 John Klusch Scholarship was awarded to **Joneice Ridgeway**, daughter of Jonathan Ridgeway of Republic Technologies International. Joneice attends Ohio State University, where she is studying pre-medicine.

Chicago Section

— A four-year scholarship was awarded to **Tamara Dietrich-Muller**, daughter of Herman E. Muller Jr. of Herman Muller Ltd. Tamara will be attending Cornell University, studying physics.
— A one-time four-year scholarship, the Jack Gill Memorial Scholarship, was awarded to **James J. Sherman Jr.**, son of James J. Sherman of Hatch Associates Ltd. Jim will be attending Purdue University, studying electrical engineering.

Detroit Section

A four-year scholarship was awarded to **Mark Patrizi**, son of Robert Patrizi of the Great Lakes Div. of National Steel Corp. Mark will be attending Western Michigan University, studying computer engineering.

Ohio Valley Section

A one-year scholarship was awarded to **Anthony Cherolis**, son of William A. Cherolis of AK Steel Corp. Tony is a junior at Florida State University, studying mechanical engineering.

Pittsburgh District Section

One-year scholarships were awarded to Amy Jo Mracna, daughter of Joseph E. Mracna of JEM Services, Ltd., and to Gregory T. Zugates, son of Thomas B. Zugates of MPS Engineering & Construction, Inc. Amy is a junior at Northern Arizona University, studying environmental sciences. Greg is a senior at Pennsylvania State University, studying chemical engineering.

T.J.Ess Memorial Scholarship

This one-year scholarship to a student at Carnegie Mellon University was awarded to Matthew D. Juhasz, son of Mark K. Juhasz of the Sparrows Point Division of Bethlehem Steel Corp. Matt is a junior, studying electrical and computer engineering.



Training and Education

Throughout the year, The **AISE** Steel Foundation offers steel industry specific training seminars. Designed primarily for supervisors and middle level managers, these seminars are appropriate for salaried personnel working within the steel industry, as well as for steel industry contractors and suppliers. These programs provide the opportunity to broaden your understanding of basic iron and steelmaking processes, to develop sound business practices and to sharpen management and leadership skills.

2000 AISE Steel Foundation Seminars Preliminary Schedule

Leadership Skills for Steelmakers
April 9-11, 2000

Safety Practices
April 27-28, 2000

Introduction to The Making, Shaping and Treating of Steel
June 6-9, 2000

Leading Change
June 12-13, 2000

Steelmaking and Refining
July, 2000

Electronic Commerce
September 27-28, 2000

Introduction to Ironmaking
October 2-3, 2000

Finance for Non-Financial Managers
November 2-3, 2000

*Your support will ensure that The AISE Steel Foundation will be able
to continue these valuable programs*

<u>Levels of Giving</u>	<u>Individual</u>	<u>Corporate</u>
Steel Foundation Visionary	\$5000 or more	\$5000 or more
Steel Foundation Leader	\$1000 to \$4999	\$1000 to \$4999
Steel Foundation Partner	\$500 to \$999	\$500 to \$999
Steel Foundation Provider	\$250 to \$499	\$250 to \$499
Steel Foundation Ambassador	\$100 to \$249	\$100 to \$249
Steel Foundation Sponsor	\$25 to \$99	—

Project 2001

With the advent of Annual Convention proceedings from 1998 and 1999 in CD-ROM format, groundwork continues to be laid for the Virtual Library. When completed, Internet-based full text searching and delivery of **AISE's** large repository of technical articles will be made possible through The Steel Foundation. This project, scheduled for completion by year-end 2001, is made possible by your continued support of The Steel Foundation.

The **AISE** Steel Foundation

Dedicated to the advancement of the iron and steel industry through education,

Visit us at www.steelfoundation.org

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