

Foundation Information



2016



AISTFoundation.org



Ensuring the iron and steel industry of tomorrow will have a sufficient number of qualified professionals



“With rising tuition costs, the AIST Steel Internship Scholarship could not have come at a better time in my academic career. Along with the monetary funding, this scholarship has provided the opportunity to secure a paid internship in the steel industry

for the summer. I had the unique chance to travel out of my home state of Pennsylvania and go to Norfolk, Neb., to work with Nucor Steel.”

Tyler Rigby, Steel Internship Scholar,
Nucor Steel-Nebraska

The AIST Foundation awards more than **US\$700,000** annually to help the steel industry's next generation.

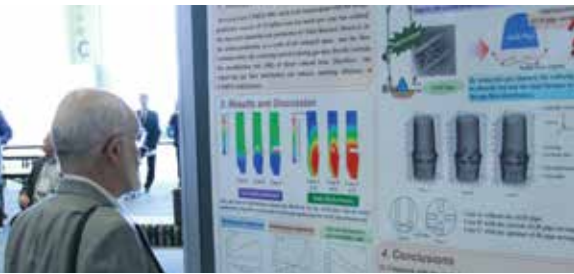


What Is the AIST Foundation?

The AIST Foundation is a Pennsylvania-based 501(c)(3) non-profit corporation organized for charitable, education and scientific purposes. The formal mission of the Foundation is to ensure the iron and steel industry of tomorrow will have a sufficient number of qualified individuals.

The Foundation seeks to attract technology-oriented professionals to the steel industry by educating the public about the high-tech, diverse and rewarding nature of careers in modern steelmaking.

The Foundation works closely with the Association for Iron & Steel Technology (AIST), an international technical association of more than 17,500 professional and student members.



What Does the Foundation Do?

Innovative ideas ultimately come from the next generation. Accordingly, the Foundation awards scholarships to college students, as well as grants to schools and instructors.



How Is the Foundation Funded?

All Foundation programs rely on corporate and individual gifts, association support and financial revenue from its endowment. All donations are tax-deductible where permitted by law.



Who Manages the Foundation?

The activities, properties and affairs are managed by a Board of Trustees consisting of 14 members of AIST, appointed by the AIST Board of Directors.

See page 11 for the complete list of trustees.



Engaging the Steel Industry's Next Generation

The AIST Foundation works to improve the perception of the steel industry by making students, professors, and the general public aware that today's steel industry is technologically advanced, environmentally aware and safety conscious.

By supporting the education of our next generation, we are building a long-term workforce that is well-trained, skilled and dedicated to the needs of tomorrow's steel industry.

Scholarship Programs

The AIST Foundation offers scholarships with and without paid summer internships. Full-time freshman, sophomore, and junior students enrolled in an accredited North American university majoring in metallurgical, materials science, chemical, electrical, mechanical, industrial, environmental, and computer science engineering may apply.

Visit AIST.org to apply.





“This internship allowed me to see what manufacturing entails. It truly has changed my view of business in the United States. As someone who values the environment and its health, it is hard to say that what the steel industry does is good for the environment. However, after working at this plant, I have seen the dedication that ArcelorMittal has to doing its job to the best of its ability. They are constantly looking to improve the facility and decrease its impact on the environment.”

Sydney Weiss, Steel Internship Scholar,
ArcelorMittal Burns Harbor

Steel Internship Scholarships (US\$6,000–\$12,000 each)

These scholarships include a paid internship with a North American steel company.

- Steel Internship Scholarship
Up to 10 US\$6,000 one-year scholarships
- Steel Premier Internship Scholarship
One US\$12,000 one-year scholarship
Awarded to the top-scoring applicant of all applications received.

Steel Scholarships (US\$3,000 each)

These scholarships are named in honor of individuals who have made a significant contribution to or achievement in steel technology.

- AIST Willy Korf Memorial Scholarship
Four US\$3,000 one-year scholarships
- AIST Ronald E. Lincoln Memorial Scholarship
Three US\$3,000 one-year scholarships
- AIST William E. Schwabe Memorial Scholarship
One US\$3,000 one-year scholarship
- AIST Benjamin F. Fairless Scholarship (AIME)
Two US\$3,000 one-year scholarships
- AIST Foundation Engineering Scholarship
Up to three US\$3,000 one-year scholarships
- AIST Smith Graduate Scholarship (AIME)
Two US\$3,000 one-year scholarships
- AIST David H. Samson Canadian Scholarship
One US\$3,000 one-year scholarship

Member Chapter Scholarships

AIST's 22 Member Chapters administer more than US\$75,000 in annual scholarships for qualified individuals within their regions. There are up to 40 scholarships available. Visit AIST.org for complete details.

Endowment Scholarships

Students attending the following schools may apply at their institution directly for the AIST scholarships listed below.

- AIST Farrington Memorial Scholarship Fund
Awarded by the Rose-Hulman Institute of Technology.
- AIST Madsen Scholarship Fund
Awarded by the Massachusetts Institute of Technology (MIT).
- AIST Morrow Scholarship Fund
Awarded by the University of Pennsylvania.
- Lewis E. and Elizabeth W. Young Scholarship (AIME)
Applies to undergraduates attending Pennsylvania, Virginia or West Virginia universities.



Faculty Grants

These grants are designed to increase:

- The number of engineering faculty with a vested interest in the iron and steel industry.
- The number of students studying metallurgy and materials science.
- The number of such students electing to pursue a career in the iron and steel industry upon graduation.





“My internship at AK Steel’s Butler Works has been a great experience provided by AIST’s Steel Internship Scholarship program. The entire experience was very rewarding, and I gained a lot of additional

knowledge about the steel industry, including various technical aspects involved with steel production that I would not have learned otherwise.”

Aaron Weir, Steel Internship Scholar,
AK Steel Corp. – Butler Works

● **Steel Curriculum Development Grant**

The objective of this grant is to utilize undergraduate and graduate students to assist in enhancing industry curriculum, with an underlying objective to increase industry awareness within the academic community. Selected university professors are awarded **up to US\$25,000** over five years.

● **Steel Research & Applications Grant**

North American university teams are challenged to interact with a local steel producer on a self-declared technical theme relevant to the North American steel industry. The maximum annual grant is **US\$50,000**.

● **Don B. Daily Safety Grant**

The objective of this grant is to promote a safe workplace for the steel manufacturing industry, to increase the number of students who study health and safety awareness relative to the manufacturing environment, to provide direct student interaction with a steel company, and to increase the number of students entering the industry upon graduation. Selected universities are awarded **US\$10,000** annually.

● **Kent D. Peaslee Junior Faculty Award**

Open to all technical engineering disciplines, this award will assist junior faculty in building their research and professional service activities toward obtaining tenure. The award will provide up to **US\$100,000** over three years.

● **Academic Faculty Engagement Program**

The AIST Foundation provides discounts on AISTech — The Iron & Steel Technology Conference and Exposition academic registration and university pavilions in the exhibit hall to increase academic faculty participation.

Visit AIST.org to apply.



Young Professionals Program

To advance the future of the iron and steel industry, it is imperative that we support the younger generation. This program urges young professionals (30 years of age or younger) to become active AIST members.

- **Free AIST Membership**

AIST Young Professionals can join AIST FREE for their first year (for new AIST members only).

- **AISTech Registration Discount**

AIST Young Professionals receive a 50% discount at AISTech, steel's premier technology event. Young Professionals also receive an exclusive plant tour and reception to kick off AISTech.





“The AIST Steel Premier Internship Scholarship gave me the opportunity to intern with Steel Dynamics Inc. for a second time. The variety of projects and great co-workers are what brought me back to SDI. It is a place where any engineer seeking to gain management experience can grow and thrive.”

Dustin Arvola, Steel Premier Internship Scholar,
Steel Dynamics Inc.



Steel to Students Training Program

The AIST Foundation's Steel to Students Training Program provides up to US\$1,000 in assistance for post-secondary vocational/technical school students, undergraduate and graduate-level students to attend AIST's Technology Training Conferences and AIST Member Chapter annual meetings.

The Steel to Students program provides students with increased opportunities to become familiar with Technology Committees and learn firsthand from industry leaders in various steelmaking fields.

Student Events

Each year at major industry events such as AISTech and MS&T, the AIST Foundation sponsors programming to provide students a window into career opportunities in the steel industry.

- **Materials Camp**

These camps teach high school students about materials through experiments and hands-on demonstrations.

- **Student Contests**

The Student Project Presentation and Graduate Student Poster contests offer university students the opportunity to present their research to conference attendees.

- **University-Industry Relations Roundtable (UIRR)**

The UIRR exists to foster communication between universities and the steel industry to increase the number of professors teaching a steel-related curriculum and the number of students interested in careers in steel.



“Through the Steel Internship Scholarship, I have obtained a position as a co-op with SSAB Americas from January through December 2015. My first six months in research and development were exceptional. In June, I transferred to SSAB Montpelier Technical Services, where I have been assisting with quality assurance and physical testing. Through this co-op, AIST has provided me with a strong metallurgical, industrial and professional background with which I can confidently enter into industry upon my graduation in 2017.”

Joseph L. Ogea, Steel Internship Scholar,
SSAB Americas

Please Consider a Donation Today!

The AIST Foundation continues to advance new and exciting programs to enable the steel industry to meet the challenges of the future. These programs serve the industry by:

- Creating a positive perception of the steel industry for students and those who influence them.
- Increasing awareness of the advanced technology in today’s steel processes.
- Educating K-12 and university students about the rewarding nature of career opportunities in modern steelmaking.
- Providing scholarship and internship opportunities for students interested in pursuing careers in the steel industry.
- Offering financial assistance to the academic community for steel-related curriculum development and research.
- Encouraging Young Professionals to participate in AIST programs.

Through strong industry support, the AIST Foundation awards in excess of US\$700,000 each year in support of its mission to ensure the iron and steel industry of tomorrow will have a sufficient number of qualified professionals.

**Please consider making a donation today by visiting AISTFoundation.org
or contacting us at +1.724.814.3000, ext.1.**

A handwritten signature in blue ink, appearing to read 'Steven S. Hansen'.

Steven S. Hansen
AIST Foundation 2015–2017 President



AIST Foundation Golf Classic

The opening event for AISTech each year is the AIST Foundation Golf Classic. Proceeds benefit the foundation, giving you a fun, tax-deductible way to support the next generation.

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US\$100,000 Pledge Club

