Our mission:
To ensure the iron and steel industry of tomorrow will have a sufficient number of qualified professionals.
The AIST Foundation awards more than US$750,000 annually to develop the steel industry’s next generation.

“...This internship has allowed me to grow greatly and has given me a variety of both metallurgical and professional skills that I will take with me for the entirety of my career. I also grew professionally in areas such as communication, time management, and problem solving to name a few. Overall, the experience solidified my interest in this field. I plan on pursuing a lifelong career in the steel industry.”

Anthony Pupillo
Purdue University
Steel Dynamics Inc. — The Techs Division
The workforce of the North American steel industry is retiring at an alarming rate. To sustain a pipeline of qualified engineers and scientists to fill this void, the AIST Foundation is working with the industry to attract young, technology-oriented professionals to our ranks.

With strong industry support and philanthropy, the Foundation funds initiatives to promote the steel industry as a viable and rewarding career choice for young engineers. These initiatives include scholarships, internships, training programs, events and contests for students, and faculty grants, awards and programs for professors.

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 Foundation works closely with the Association for Iron & Steel Technology (AIST).

What Does the Foundation Do?
Foundation programs attract technology-oriented professionals to the steel industry by educating the public about the high-tech, diverse and rewarding nature of careers in steel manufacturing.

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 AIST members appointed by the AIST Board of Directors. See page 11 for the current list of Trustees.
Engaging the Students

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.
Steel Intern Scholarships

Summer internship followed by a US$6,000 one-year scholarship.

- Up to 30 one-year awards.
- Premier Intern Scholarship — The top-scoring applicant will be awarded the Premier Scholarship, a one-year scholarship of US$12,000 with a paid summer internship (preceding the scholarship).
- Don B. Daily Safety Steel Intern Scholarship – Up to two one-year scholarships are awarded and funded by the Don B. Daily Fund.

All AIST Foundation scholarships and internships above are open to engineering and engineering technology majors in the following disciplines: metallurgy, materials science, chemical, electrical, mechanical, industrial, environmental, computer science and safety.

Member Chapter Scholarships

AIST’s 22 Member Chapters administer more than US$100,000 in annual scholarships for qualified individuals within their regions. There are over 40 scholarships available.

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 students in the Western Pennsylvania, Virginia or West Virginia areas.

Visit AIST.org to apply.
Steel to Students Training Program

The AIST Foundation’s Steel to Students Training Program provides financial assistance for post-secondary vocational/technical school students, undergraduate and graduate-level students to attend AIST’s Technology Training events 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 (Materials Science & Technology), the AIST Foundation sponsors programming to provide students a window into career opportunities in the steel industry.

Materials Camp (MS&T) K–12

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.
- The “Real Steel” marketing video challenge engages high school and university students in researching the industry and promoting it to others.

Plant Tours

A student plant tour is offered at a location near AISTech and MS&T. In addition, the AIST Foundation will provide up to US$300 in transportation reimbursement to groups interested in touring a nearby steel plant.
Engaging the Teachers

Faculty grants are designed to promote industry awareness and increase:

- The number of engineering faculty with a vested interest in the iron and steel industry.
- The number of students studying engineering.
- The number of students pursuing a career in the iron and steel industry.
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 three years.

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.

AIST Foundation Steel Professor
The AIST Foundation Steel Professor is open to professors who have received and have successfully completed three years of the Kent D. Peaslee Junior Faculty Award. The purpose of this award is to maintain a formal link to our past recipients and their universities, and to encourage their continued engagement with the steel industry.

Electrical Engineering Grant
The objective is to support the professors in promoting the industry to electrical engineering students, provide direct interaction for these students with the steel industry, and to recruit more electrical engineering students for employment in the steel industry. Selected universities are awarded US$10,000 annually.

Don B. Daily Safety Grant
The objective 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, and to recruit more students for employment in the steel industry. One university will be awarded US$10,000 annually.

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.

University-Industry Relations Roundtable (UIRR)
The purpose of the University-Industry Relations Roundtable is to foster communication between the Foundation’s university network and the steel industry. The committee’s objective is to increase the number of professors teaching a steel-related curriculum, and to increase the number of students interested in a career in the steel industry.
We Need Your Help!

The AIST Foundation continues to advance new and exciting programs to enable the steel industry to meet the challenges of the future. Through strong industry support, the AIST Foundation awards in excess of US$750,000 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.

Kolin L. Keller
AIST Foundation 2017–2019 President

US$100,000 Pledge Club

Added benefits are provided for company pledges of US$100,000 or more payable over four years or less.
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“The experience has shown me that what I am learning in school has an application in the real world. Overall, this internship has further solidified my desire to work in the steel industry. It has also brought to my attention that I do have the skills to make a difference in the steel industry.”

Molly Wardlow
University of Alabama
Steel Dynamics Inc. – Flat Roll Group Columbus Division