



**MINUTES OF MEETING
UNIVERSITY-INDUSTRY RELATIONS ROUNDTABLE
15 OCTOBER 2018
COLUMBUS, OH, USA**

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7 MAY 2018
PHILADELPHIA, PA., USA**

Attendees:

Kelly Dallas, ArcelorMittal USA (Chair)
Karen Arnold, AK Steel
Ron Ashburn, AIST
Laura Bartlett, Missouri S&T
Gerald Bourne, Colorado School of Mines
Amy Clarke, Colorado School of Mines
Kester Clarke, Colorado School of Mines
Emmanuel De Moor, Colorado School of Mines
Jennifer Foster, Charter Steel
Steve Hansen, SSAB Americas
Melissa Jameson, Gerdau
Kolin Keller, Commercial Metal Company
Mike Kerksmar, AK Steel
Timothy Lorge, Charter Steel

Jennifer McCloud, ArcelorMittal USA
Chris McKelvey, AIST
Jerry Nelesen, AKJ Industries
Mark Olson, Gerdau
Ron O'Malley, Missouri S&T
Tom O'Toole, United States Steel Corporation
Jaclyn Pignatiello, Charter Steel
Glenn Pushis, Steel Dynamics Inc.
Justin Raines, SSAB Americas
Paul Sanders, Michigan Tech
Nick Schweickart, Gerdau
Muezhi Selis Bias, Georgia Southern University
Keith Taylor, SSAB Almericas
Kyle Toth, Purdue University Northwest CIVS
Lori Wharrey, AIST

1.0 CALL TO ORDER AND INTRODUCTIONS

Ms. Dallas called the meeting to order and welcomed everyone in attendance.

2.0 ANTI-TRUST GUIDELINE REVIEW

Ms. Dallas reviewed the Anti-trust Guidelines provided with the agenda, and noted that the meeting would be held in compliance with the guidelines.

3.0 COMMITTEE PURPOSE AND OBJECTIVE

Ms. Dallas reported the AIST Foundation University–Industry Relations Roundtable exists to foster communication between our university network and the steel industry. The committee objectives are 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.

4.0 AIST FOUNDATION UPDATE

Mr. Ashburn provided information about the AIST Foundation and its mission. The Foundation will award approximately \$786,750 during the 2019 academic year. The industry provides tremendous support to the Foundation including our \$100,000 pledge club with AK Steel, ArcelorMittal, Gerdau, Nucor, SSAB, Steel Dynamics, and United States Steel Corporation.

Mr. Ashburn noted the intent of all Foundation programs is to encourage student interest in a future career in the industry. He reviewed the current programs for scholarships and grants.

The grants include the Steel Curriculum Development Grant (\$25,000 over 3 years per university), the Kent D. Peaslee Junior Faculty Award (\$105,000 over 3 years per university), the AIST Foundation Professor Grant provides continued funding for those professors completing the Junior Faculty Award, an Electrical Engineering Grant (\$10,000 per grant), and the Don B. Daily Safety Grant (\$10,000 per grant) in partnership with SMA.

The Scholarship Program has evolved over the years, now offering up to 30 Steel Intern Scholarships (SIS) (27 SIS - \$6,000, 1 Premier SIS - \$12,000, and 2 Don B. Daily Safety SIS - \$6,000). The recipients receive a paid summer internship followed by funding toward tuition. We have found that 60% of students who receive a internship with a scholarship, enter the industry upon graduation.

The Foundation also has the Steel-to-Students™ Program to provide financial assistance to the students while they gain first-hand exposure to steel industry technology through training conferences, attendance at member chapter events, recruiting receptions, plant tours, contests, and travel grants.

AIST is in partnership with three additional materials organizations for student membership, ACerS, ASM, and TMS. The Material Advantage Student Program has, at this time, over 4,000 student members. There are over 90 chapters at universities around the world and each chapter has a faculty advisor.

A goal of the AIST Foundation is to award \$1,000,000 per year for educational funding, place 30 internships, and reach 6,000 student members.

5.0 INTERNSHIP SURVEY REVIEW

Mr. McKelvey lead review and discussion on the results of AIST's Intern Survey. The purpose of the survey was to understand the student internship perspective. The intent is to identify best practices based on the student responses and perhaps a future survey of HR personnel, to capture and distribute results.

The Intern Survey will be posted to the AIST website.

6.0 INDUSTRY PARTNERSHIP OPPORTUNITIES

Dr. Sanders lead discussion regarding the benefits of both University / Students and Industry through research partnerships.

Benefits to University / Students include having real-world problems to solve, provides industrial mentorships, experience with a potential employer, and new relationships leading to learning or funding.

Benefits to Industry include having engineering relationship with students, access for future co-op or full-time employment, knowing the university capability for future challenges or opportunities, and solving engineering problems.

7.0 NEXT MEETING

Ms. Dallas reported the next meeting is scheduled for Monday, 6 May 2019, 11:30 a.m.–1:45 p.m. (eastern) at AISTech 2019 in Pittsburgh, Pa. An invitation to attend will be sent to all.

8.0 ADJOURNMENT

There being no further business, Ms. Dallas adjourned the meeting.

Minutes respectfully submitted,
Lori A. Wharrey, AIST Manager – Board Services

The minutes have been electronically sent to the members of the UIRR for review, corrections, additions and approval. Information contained in these minutes is pertinent to the UIRR of the Association for Iron & Steel Technology Foundation, Warrendale, Pennsylvania and is to be treated as confidential.