Chair’s Corner

Dear Mines and Metallurgy Academy Members,

Greetings from your Academy! As I write this letter, we are finalizing plans for our annual Spring meeting, banquet, and induction ceremony to be held on Thursday, April 14, 2011. You will see on the attached agenda the highlights of our business meeting. This year we will again be recognizing two faculty members for their excellence in teaching and research. In addition to the other usual Academy business, Wayne Huebner will be briefly presenting plans for “Vision 2020” – a new strategic planning and development process to enhance our departments’ academic programs and infrastructure.

You will see on the attached reports the great accomplishments made by our three departments. Enrollment has increased significantly. Almost 1200 students are currently enrolled in the programs of our three departments. Graduating students are enjoying high starting salaries and higher job placement than in recent years.

We will be inducting Dr. Michael Moats as our newest Academy member. Mike is a graduate from 1992 (B.S.) and 1995 (M.S.) in Metallurgical Engineering. He earned a Ph.D. degree from the University of Arizona in 1998. His wife Michele is also a graduate of Missouri S&T. Mike is currently an Associate Professor of Metallurgical Engineering at the University of Utah and has authored 37 publications based on his research activity. In addition he holds four patents.

We will also be honoring seven students selected from the 20 that were nominated by their peers as graduates with the highest potential to excel in their professional careers. Our two faculty honorees are Drs. David Van Aken (Metallurgical Engineering) and Hyoung Lee (Nuclear Engineering).

Hope to see you on April 14th.

Keith Wedge, Chair
Mines and Metallurgy Academy
March 2011
Materials Science and Engineering

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Home of Ceramic and Metallurgical Engineering

- 191 total undergrad students
  → 101 MetE / 50 CerE
  66 graduate students
  → 14 MetE / 14 CerE / 34 MSE
- $310,000 in endowed scholarships given out in AY10-11; $125,000 in competitive scholarships from professional organizations
- 80% placement rate in CY10; starting salary Met: $60,150, Cer: $57,075

Students

- Keramos & Material Advantage Groups win National Awards at MS&T

Research

- 3 year average expenditures: $6.1M
  (MSE generates 21.3% of the research on campus with 5.6% of the faculty)
- $5M renovation of the MRC underway; Jan 2012 expected completion.
- Krista Hallac, MSE Ph.D.; student, won the graduate student poster contest at the recent 140th TMS-AIME Awards Banquet for her work entitled: "Effects of Rare Earth Additions to the Solid Solubility of Zirconium in Magnesium Alloys."