

Materials Science and Engineering News

100% placement of the May graduates / \$58,000 average starting salary
Projected fall enrollment up 5%



Ceramic Engineering graduates, May 2008



Metallurgical Engineering graduates, May 2008

A record 46 high school students attended the Materials Summer Camp held from July 21-25, 2008

The 4th Annual Materials Science Camp at MO SCI in Rolla



August 2008

SOMM Academy Newsletter

Chair's Corner

Dear SOMM Academy Members,

Greetings from the Academy. This Newsletter serves one purpose – it is an appeal for you to attend the fall Academy meeting. More than ever, the students and faculty of the former SOMM need us. Why should you come? As you know the structure of the university has changed dramatically, and one positive spin-off is that the Academy has become directly involved in insuring the viability of our home departments. What greater role could you imagine for an Academy than helping students succeed? It's the ultimate way to carry on a tradition that has long heralded the alumni of MSM. Without the schools structure the Academy has had a more direct, and honest link with the departments. And as such we've received key information about critical challenges facing the departments related to the recruitment, education and placement of the students. Indeed, last fall the chairmen let us know the critical state of our undergraduate laboratory equipment, and its potential for undermining our efforts to be ABET-accredited this year. Academy members stepped up to the plate, and as a result nearly \$1M in new equipment will be in place by the ABET site visit this fall. Without our help the departments would have been in jeopardy, and importantly, students wouldn't be receiving the first-class lab experiences employers desire. Another great example of our impact was the awarding of seven Academy Scholars at the April meeting. We used to award just two, and the overwhelming positive response from the students and their families let us know we're doing the right thing.



So the role of the Academy is changing, and we need your time and presence to have the maximum positive impact. The accompanying agenda for the October 17th meeting describes what you will learn, what decisions will be made, and what the future holds. You'll note for instance we will discuss and decide how to honor Professor O'Keefe permanently in McNutt. We'll discuss and establish a new award for a faculty member to be given out at the spring meeting. We'll learn the exact state of departmental endowments from the chairmen, and decide if their purposes need to be altered in order to best meet the needs of the students. We'll discuss how to increase the Academy membership, and alter the age distribution so members can provide all the advisory roles needed for ABET. And we'll break into three groups to tour facilities, learn what impact we've had, and see students in action.

There are many ways to contribute your time, energy, creativity and resources to help future generations of Miners achieve their dreams. The SOMM Academy has already begun to demonstrate through action that it is the group that galvanized support for the SOMM disciplines. Please come share your thoughts, and be an integral part of a team that proudly proclaims its heritage, and enables its future.

Dianna Tickner
August 2008

October 17th Meeting Agenda

| | |
|---------------|---|
| 8:00 – 8:30 | Continental Breakfast |
| 8:30 – 8:40 | Opening Remarks / Introductions |
| 8:40 – 9:30 | Committee Reports |
| | <input type="checkbox"/> Executive |
| | <input type="checkbox"/> Scholarship |
| | <input type="checkbox"/> Academy Nominations |
| 9:30 – 9:40 | Decision on the name for the Academy |
| 9:40 – 9:50 | Proposed faculty recognition award |
| 9:50 – 10:05 | Break |
| 10:05 – 10:20 | How to honor Professor Tom O'Keefe |
| 10:20 - noon | Departmental Updates / Challenges (endowments, scholarships, enrollment, placement, research) |
| | <input type="checkbox"/> Bob Laudon |
| | <input type="checkbox"/> Sam Frimpong |
| | <input type="checkbox"/> Wayne Huebner |
| Noon – 1:00 | Working lunch |
| 1:00 – 2:00 | Departmental Tours (break into 3 groups) |
| 2:30 p.m. | Dedication of Tooney Hall |

Geological Sciences & Engineering News

Field Trips:

Machu Picchu—Leslie Gertsch—Geological Engineering
 Lake Superior—Dave Wronkiewicz—Geology & Geophysics
 California—Senior Design Course—Geological Engineering
 Utah-New Mexico—John Hogan, Mohamed Abdelsalam
 Geology Summer field trip included five students from South Africa

News:

Total Enrollment up from 168 to 204 (up 21%)
 Proposal Submitted up from \$1.9 mm to \$6.9mm (up 260%)
 Awards up from \$684m to \$1.9mm (up 174%)
 Two new faculty in Petroleum Engineering
 Petroleum Engineering starting salaries over \$75,000
 High demand for students in all areas of geoscience, geoengineering and especially petroleum engineering.

Geology & Geophysics celebrated its 100 year anniversary
 Geological Engineering & Petroleum Engineering engaged in ABET accreditation



Picture from Leslie Gertsch's field trip to Machu Picchu



Challenge for GE students:
 Build a pipeline thru this?
 GE Senior design class, California.



Mohamed Abdelsalam teaching in his new Geospatial laboratory

Mining and Nuclear Engineering News

100% placement of 2007-08 graduates: MinE (25), NucE (32) / \$59,000 average starting salary
 Projected fall enrollment is over 300 students
 88 HS students attended the Explosives and the Nuclear Summer Camps in July 2008



Mining Engineering Graduates, May 2008



Nuclear Engineering Graduates, May 2008



The 5th Explosives Camp. 63 HS students from 21 states. Recruits over 70%



The 8th Nuclear Camp. 25 students with over 50% Recruitment Rate