

Mines & Metallurgy Academy Meeting
Residential College 2, Lower Meeting Room
Thursday April 21, 2016

CALL TO ORDER:

Gregory Skannal, Academy Chair called the meeting to order at 9:00 AM, greeted the Academy members and welcomed new members to be inducted in the evening.

Those attending were:

Gregory Skannal, Academy Chair	Ralph Flori
John Borthwick, Vice Chairman	Ken Gielow
Steve Shaw	Tim Bradley
Delores Hinkle	Perrin Roller
Dianna Tickner	Larry Britt
Delbert Day	Kent Weisenstein
Wayne Huebner	Jim Humphrey
Bill Martin	Mike Moats
Rick Booth	Dianna Tickner
Dan Scott	Dick Bullock
John Bartel	Scott Sehlin
Steve Rector	Keith Wedge
Kevin Renfro	Bob Scanlon

Guest Inductees:

Terry Donze, Tim Hildenbrand, Linda Harrell, Kurt Oakes, Matthew O'Keefe, Karl Burgher

Representatives of Missouri S&T attending:

Dr. John Myers, Acting Vice Provost, Interim Dean, College of Engineering and Computing
John Held, Director of Planned Giving, University Advancement, Development
Shannon Bishop, Senior Development Officer, Development
Ralph Flori, Interim Chairman, Mining and Nuclear Engineering
Francisca Oboh-Ikuenobe, Interim Chairman, Geosciences and Geological and Petroleum Engineering
Matthew O'Keefe, Chairman, Materials Science and Engineering
Dr. Kelly Liu, Professor, Geosciences and Geological and Petroleum Engineering –
Senior Faculty Member Honoree
Dr. Deji Alajo, Assistant Professor, Mining and Nuclear Engineering –
Junior Faculty Member Honoree
Judy Russell, Office Support Assistant IV (Administrative Assistant), Mining and Nuclear Engineering

Greg Skannal spoke briefly – then asked everyone to introduce themselves around the room. After introductions, discussed documents that was contained the meeting packets was highlighted.

Executive Committee Reports:

Financial Report:

As noted in the past; we keep everything transparent so that you know where and how your voluntary gift dues are spent. As you see in the General Operating Account, there is a surplus as this time but this to will be covering the upcoming Homecoming 2016 meeting. Currently ending balance as of

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3/31/2016 \$9,094.88. If you pay more than the \$250 you can designate where the extra funds can be paid to. For instance: there are the different Development Funds for each

Department, equipment funds, lecture series, etc. If it is not stated where you want the additional funds to be paid to – they will be deposited into the Mines Met Academy Scholarship account.

Mines Met Academy Scholarship as of 2/29/2016 has a balance of \$130,573.31. This account pays the seven Academy Scholarship of \$500.00 and the Faculty Awardee award of \$1000.00 is paid out of the General Operating Account. These accounts are funded by the voluntary dues plus the extra that is paid in at times. Also there are several who has matching funds within their employment please look into the program. Voluntary dues are directed to the General Operating account housed in the Mining and Nuclear Department handled through Judy Russell. The Mines Met Academy Scholarship is housed through the Alumni Office.

Nominating Committee:

Ralph Flori, Committee Chair, discussed briefly the process on how the Nominations are selected. This year, we were approved by the Executive Committee that all ten was approved. After the invites had gone out we learned that there were a few that was unable to attend. Sometimes this happens at the last moment due to commitments that they are obligated to. Those who will not be able to attend this time around; which will be re-invited for this upcoming year:

Robert Duenckel, Bryan Galli, Gary Pennell and Ron Tyson. Those who will be inducted this evening: Karl Burgher, Terry Donze, Linda Harrell, Tim Hildebrand, Matt O'Keefe, and Kurt Oakes.

Jon Gibbs and John Miller had been invited for the past three years. Now, no longer eligible for five years before they can be nominated again.

Timeline for "Fall 2016" enclosed and we want to think of all the disciplines. Please look at the Charter and the By-Laws for the updates. Criteria for the Membership has been broaden to encompass those who may have not graduated in the Mines and Metallurgy Academy's discipline, however, now working in the industry. No age limit set; now includes fast rising young professionals who are emerging leaders in their field.

For new members that is possible joining us today and having the celebration this evening. We ask that you look into joining up with a committee to stay engaged with the Academy. Most all of the committees meet outside of the normal Spring Induction and Homecoming meetings. Each one of you were selected for what you bring to the Academy but we also we need to look at what you can bring to the University. Check into the driplines that you graduated from; maybe join the Advisory Boards. Make yourself available.

Approval of Minutes:

Pending one correction - Header on the Page 2 had the wrong date on it. Adopt the minutes with appropriate corrections: So Moved by Tim Bradley and Keith Wedge. All approved unanimously.

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Scholarship Committee-Student Affairs/Scholar Awards/Faculty Awards

Wayne Huebner, Committee Chair reports 2004 when this scholarship program started – at this time we will have fifty four Academy Scholars that has been awarded. Wayne gave the summary of the process. This year no student for Geology Department. The students that was selected were not eligible due to already have graduated or on co-op and not graduating in 2016. Suggestions was to put this more in the hands of the organizations for the student bodies to get more involved since we had this glitch in the process. Which also means posting it up on bulletin boards to get the word out.

Jackling Fund Report

Chris Ramsey, Committee Chair reports the Jackling endowment continues to fund the following programs annually:

Mining Engineering Explosives Camp - \$15,000
Jackling Introduction to Engineering Summer Program - \$10,000
Materials Summer Camp - \$15,000

The FY16 distribution totals \$42,478.08.

As of March 31, 2016, the balance in each of the three accounts is:

Loan net assets:
Amount available for loans \$47,237.42
Outstanding loans \$35,124.35
Net Assets (Loan Fund) \$82,361.77
Available spendable - \$52,044.11
Endowment corpus - \$921,534.78

Approximately \$20,000 remains in the spendable account each year. The remaining funds have been purposely set aside to provide immediate funding to projects deemed critical to Missouri S&T's success. Each of these projects must meet the criteria outlined in the endowment agreement.

No student loans have been issued this academic year. The committee is fairly liberal in approving loans as long as the department chair personally requests and approves. The loan fund is well known to faculty within the Mines and Metallurgy department but is not publicized on campus.

Strategic Planning Committee

Tim Bradley Committee Chair, discussed briefly spoke about the ideas on the relationship of the Mines and Metallurgy Academy with Student Groups.

Firstly introduced the different approach(s): #1 working directly with student groups to coordinate a variety of potential activities including meeting with student group officers around the Academy meeting, raising endowments to support student group activities, sponsoring field trips to "local" industry, providing evening speakers for student group meeting.

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#2 work with faculty in charge of ABET. Academy members could bring a wealth of experience to the classroom that could be used to directly address several of the ABET student learning outcomes:

Lifelong Learning, Contemporary Issues, Global and Societal Issues, and Professional and Ethical Responsibility.

Since this was first discussed it has now branched out into more Strategic Focus Area.

1. Support undergraduate lab equipment modernization – lab needs, cost, and assess priorities
2. Identify/facilitate/integrate industry R&D needs with MST research capabilities – research within the department(s) segments, cost/benefit issues related to target research efforts.
3. Support the faculty by endorsing a balance and equitable approach to rewarding teaching, fundamental contributions (meaningful papers without peer review) and research – existing recognition structures and promotion practices, options to strengthen existing structures and add meaningful elements

Increase student group organizations with the Academy. Extended an invitation to the officers of the student groups to this meeting luncheon to discuss their activities and goals.

Development Report – John Held, Director of Planned Giving

A man bearing gifts for the top four closes \$ to the WTI oil guess that we do every year.
College-Level Fundraising conducted by Nolan Brunnworth, Executive Director of Development.
Silent Phase is Underway = “Rolla Rising”

- Shrink Hall getting a new look.
- Experimental Mine Building going up.
- Rolla Rising Scholarships:
 - Support talented undergraduate students in all majors
 - Awarded regardless of major or class year
 - Flexibility help Missouri S&T recruit the best and brightest students
 - Contributions of \$25,000 or more will be matched 1-to-1 up to \$500,000
- Alumni Engagement: Connect, Serve, & Support.
 - 20 ways to make a difference and make the most of your Miner network
- Strengthening our brand: “MINERS DIG DEEPER” – Refreshing our brand identity.
- Academies in Action: “Academy members are a passionate force for positive change.”

College of Engineering and Computing Updates – John Myers, Acting Vice Provost and Dean,
College of Engineering and Computing

- College of Engineering and Computing (CEC) Flowchart
- Department Chair Search Status Update
- CEC Scholarly Activities of AY 2014-2015
- Enrollment and Diversity within the College
- Faculty and Student Growth within the College
- Faculty Hires in 2015-2016
- Faculty Hires in AY 2014-2015
- 2015 Faculty Promotions
- 2015 Faculty Awards

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- Faculty Accolades
- Faculty Searches in AY 2015-2016

- Recent CEC Efforts to Raise Visibility of the College
- ASEE Annual Conference; Seattle, Washington
- Recent CEC Efforts to Enhance Reputations and Ranking
- New College Initiatives and Efforts
- New Proposed College Initiatives and Efforts for Vetting
- Items Being Worked on currently at the College Level
- Updated on College Resources and Budget
- Suggested Timetable for College Resource and Int. Dean
- Forward Actions for Discussion
- College of Engineering and Computing (CEC) Mission Statement
- CEC Strategic Plan – Major Themes and Goals

Presentations faculty Recognition Awardee:

Dr. Kelly J. Liu, Senior Faculty - Professor, Geosciences and Geological and Petroleum Engineering
Dr. Ayodeji (Deji) Alajo, Junior Faculty – Assistant Professor, Mining and Nuclear Engineering

Departmental Reports:

Dr. Francisca Oboh-Ikuenobe, Interim Chairman,
Geosciences and Geological and Petroleum Engineering

Dr. Ralph Flori, Interim Chairman,
Mining and Nuclear Engineering

Dr. Matthew O'Keefe, Chairman,
Materials Science and Engineering

Old Business

MNE Chair Search:

- 6 interviews were conducted by Skye
- Two candidates remaining
- Both candidates presented on campus
- "Go To Meeting" scheduled for both candidates
 - One candidate from Nuclear discipline, Dr. Brian Woods, presented on April 25th
 - One candidate from Mining discipline, Dr. Braden Lusk, presented on May 3rd

GGPH Chair Search:

- Still an open search.
- Dean Roberts, Larry Britt, Keith Wedge, and Perrin Roller – all involved with the search.

New Business

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- New Business- join up with committees. Possible have a group discussion – open tables for the new members to interact at to see which one of the committees that might be more appealing to them.
- 204 McNutt Auditorium seating and carpet
- Start Academy meeting at 8:00 AM

Our next meeting will be on Friday, October 14, 2016.

The meeting was adjourned at 3:15 PM. (Moved to adjourn by John Borthwick, Seconded by Kent Weisenstein).