

Mines & Metallurgy Academy Meeting

Friday, October 1, 2010

Carver/Turner in Havener

CALL TO ORDER:

Keith Wedge, Academy Chair called the meeting to order at 9:00 AM. He welcomed everyone including newly inducted Academy members. Everyone introduced themselves.

Those attending were:

Keith Wedge, Academy Chair

Ted Ruppert, Vice Chairman

Greg Skannal

Robert Brackbill

John Borthwick

Wayne Huebner

John Bartel

Curt Elmore

Paul Lang

Delbert Day

Don Kummer

Ed Goetemann

Kent Weisenstein

Ralph Flori

Steve Rector

Alden Hacker

Chris Ramsay

Mike McCall

Jerry Bersett

Perrin Roller

Representatives of Missouri S&T:

Kent Wray, Provost and Executive Vice Chancellor

Samuel Frimpong, Chairman, Mining and Nuclear Engineering

Ralph Flori, Chairman, Geological Sciences & Engineering

Wayne Huebner, Chairman, Materials Science & Engineering

Patty Ingle, Sr. Development Officer

Judy Russell, Senior Secretary, Mining Engineering

Barbara Robertson, Administrative Assistant, Mining and Nuclear Engineering

After a brief discussion of the Spring 2010 minutes regarding the motion to make a change in the By-Laws and Charter, the minutes were approved unanimously without change.

Dr. Kent Wray, Missouri S&T's Provost and Executive Vice Chancellor, spoke briefly and announced that Governor Nixon has requested a review of all higher education degree programs. Those that are being reviewed include MS and PhD programs (the MBA program is not on this list). The PhD and MS programs in all three of our departments are on this list. Dr. Wray noted

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that the state appropriation rates have been going down, and that the University's 2011-2012 budget will be cut. Missouri S&T is working with the other UM campuses (STL, KC and Columbia) for possible cooperation in course offerings.

Executive Committee Reports:

Nominating Committee: Greg Skannal, Committee Chair, announced that the Academy was seeking two members-at-large for the Executive Committee. Delbert Day volunteered to fill one of the positions. Greg corrected an earlier statement that indicated that Patty Ingle was part of the Executive Committee. Patty is an advisor to the Academy and not on the Executive Committee. Greg further announced the call for nominations of new members and updated the timeline for the nomination and acceptance of new members. Greg also reported that Samuel Frimpong, Chairman, Mining and Nuclear Engineering can be extended for a 2 year term without a change to the by-laws.

Scholarship Committee - Student Affairs / Scholar Awards / Faculty Awards:

Ted Ruppert, Committee Chair, reported that the Endowed Scholarship account, which is housed in the Alumni office, has a total balance of \$105,314.44. This includes income from Academy members and outgo of Scholar Awards that have been paid to date. The Operating account, which is housed in the Department of Mining and Nuclear Engineering has a balance of \$21,150.96 after deducting general purchases such as the miner statues, supplies for our meetings, and our Spring induction ceremony. Our operating account balance will be allowed to grow to eventually provide funding for the Academy Scholars' watches. Ted Ruppert will continue to donate the cost of the watches to allow the general operating account to grow. Ted also recommended that some of the past Academy Scholars be invited to attend our October meetings to share with us some of their career highlights. It was recommended that the invited Academy Scholars should have spent at least two years in industry. It was also noted during the discussion that the Mines and Metallurgy Academy is very supportive of Missouri S&T with 72% OGS members (i.e., 69 OGS members out of 96 Academy members), the highest percentage of any of the academies.

Strategic Planning Committee: Keith Wedge, Academy Chair, reported that Jerry Bersett, who has been Chair of the Strategic Planning Committee since 2006, volunteered to let someone else fill the position. There was discussion on whether it was more important for the committee chair to come from industry or be more aware of the current issues facing the departments and programs at Missouri S&T. Ralph Flori, a member of the Academy and the new Department Chair of Geological Sciences and Engineering was nominated by Chris Ramsay for Chairman of the Strategic Planning Committee. Motion was seconded by Greg Skannal and approved unanimously.

No report from the Strategic Planning Committee was available to the Academy at this meeting.

Mines & Metallurgy Academy Meeting

Friday, October 1, 2010

Carver/Turner in Havener

Jackling Report: By Chris Ramsay

Summary of report for Jackling Endowment Fund:

"As of 19 April 2010 the endowment fund balance was \$835,374.04. In addition the annual distribution was \$44,385.74. The corpus has increased to \$85,913.74 since 1 July 2009. The spendable account has a current balance of \$111,337.86.

Jackling Loan Fund:

The Jackling Loan Fund had an unaudited balance of \$103,560.39. It is anticipated that the balance of over \$100,000.00 will be transferred back to the Jackling Endowment Fund as prescribed by the endowment document.

Expenditures Summer 2009:

As reported at the last BOD Meeting, the Mining and Explosives Camp was awarded \$10,000.00 to support the camp.

The traditional "School of Mines and Metallurgy Departments (Mining and Nuclear Engineering, Materials Science and Engineering, and Geological Sciences and Engineering) were awarded a total of \$15,000.00 to support their participation.

Expenditures Summer 2010:

Mining Engineering Explosives Camp, \$15,000.00

Jackling Introduction to Engineering Summer Program, \$10,000.00. These funds will support the traditional School of Mines and Metallurgy departments' activities in the summer program.

Materials Science and Engineering, Materials Summer Camp, \$15,000.00.

Geological Engineering, International Engineering & Design Experience, \$19,000.00. It is anticipated that this is a special request and does not represent a recurring expense of the fund.

Total Fund Distribution 2010: \$59,000.00

Development Report:

Patty Ingle made a power point presentation and discussed the following:

- There are 32 states and 14 foreign countries represented in the 2010 new student class
- Decision factors for enrollment
- There is a 60% growth since Fall 2000 in undergraduate classes
- Enrollment diversity for the Fall semester
- Missouri S&T affordability
- The need to act more like a private institution
- Advancing Excellence Capital Campaign – Exceeded Goal = \$211.8 M
- Advancing Excellence – Campaign Outcomes
- Office of Sponsored Programs – New all-time highs for proposals submitted and awarded

Mines & Metallurgy Academy Meeting

Friday, October 1, 2010

Carver/Turner in Havener

- Popular Science's Awesome Laboratory Rankings - #1 Missouri S&T Experimental Mine (Popular Science - September 2010 - Mind-Blowing College Labs)
- Kummer Student Design Center
- Indoor Practice Facility
- Innovation Park – construction underway

Presentations:

Presentations by Departments

Dr. Samuel Frimpong, Chairman, Mining and Nuclear Engineering, outlined news and updates, provided strategic initiatives for building program pillars under the proposed 2010-20 Strategic Plan of Mining and Nuclear Engineering, the Department's efforts in the international arena, and the associated current and future challenges. He then introduced Dr. David A Summers, Curators' Professor of Mining Engineering and former Director of RMERC, at Missouri S&T. Dr. Summers retired in February 2010 after 42 years.

Dr. Wayne Huebner, Chairman, Materials Science and Engineering, discussed the current enrollment in MSE. He noted that the Department has 191 Undergraduate students and 66 Graduate students (a 69% growth since 2004). Wayne emphasized the loyal MSE faculty and dedicated alumni that help make a strong Department of Materials Science & Engineering.

Dr. Ralph Flori became Chairman of Geological Sciences and Engineering after the retirement of Dr. Robert Laudon. The department has grown steadily in enrollment, and proposals submitted and awarded over the past two years. Researchers (including students) have had the opportunity to visit Egypt, Sudan, Ethiopia and Australia to conduct NSF and DOE funded research.

Presentation by Barbara Robertson

Barbara Robertson reported on the Mines and Metallurgy Academy web page. All requests for changes on the web page must be communicated to her. Greg Skannal requested that incoming nominations be uploaded onto the Academy webpage and requested notifying him or Judy Russell for subsequent actions. Barb indicated that the process of using the webpage to accept Academy nominations could easily be carried out.

Old Business –Dr. Wayne Huebner discussed the Dr. Thomas J. O'Keefe Lecture Series. The second lecture was given by Ken Gielow, MetE '70, '71. Wayne reported that it is the wish of Mrs. Jane O'Keefe and family that the lecture series be continued and presented each year by one of Tom's many past students.

New Business – Election of four members-at-large to Executive Committee. Currently, members of the Executive Committee consist of: Keith Wedge (Academy Chairman), Ted Ruppert (Vice Chair), Greg Skannal (Nominating Committee Chair), Wayne Huebner (Student Affairs and Scholar Awards Committee Chair), Ralph Flori (Strategic Planning Chair), and Samuel Frimpong (Department Chairs' Rep and Faculty Awards Chair). Chris Ramsay, Perrin Roller, Delbert Day and Paul Lang were all approved by the membership to fill the four vacancies.

Mines & Metallurgy Academy Meeting

Friday, October 1, 2010

Carver/Turner in Havener

Committee Membership Assignments: Jerry Bersett asked to be removed from the Nominating Committee; Mike McCall volunteered to serve. The Nominating Committee (6) now consists of Greg Skannal (Chair), Kent Weisenstein, Dianna Tickner, Keith Wedge, Ralph Flori, and Mike McCall.

Strategic Planning Committee: Four new members were appointed to the Strategic Planning Committee bringing the total to the required 11 members: Chris Ramsay, John Borthwick, John Bartel and Don Kummer. The committee now consists of Ralph Flori (Chair), Ted Ruppert, Keith Wedge, Ed Goetemann, Kent Weisenstein, Perrin Roller, Jerry Bersett, Chris Ramsay, John Borthwick, John Bartel and Don Kummer.

A motion to extend Samuel Frimpong as the Department Chair contact for the next two years was voted on. The motion was approved unanimously.

Keith Wedge reminded members to place their predictions on the price of a barrel of crude oil for the Spring of 2011 meeting on the back of the table name plates.

The meeting was adjourned at 1:05 PM.