

Mines & Metallurgy Academy Meeting

Thursday, April 14, 2011

Missouri / Ozark Room in Havener

CALL TO ORDER:

Keith Wedge, Academy Chair called the meeting to order at 9:30 A.M. He welcomed everyone including newly inducted Academy members. Joan Nesbitt, Vice Chancellor for University Advancement was introduced. She made a short presentation. Everyone introduced themselves.

Those attending were:

Keith Wedge, Academy Chair

Ted Ruppert, Vice Chairman

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

Lee Powell

George Taylor

Fred Niemeier

Norbert Neumann

Representatives of Missouri S&T:

Joan Nesbitt, Executive Vice Chancellor for University Advancement

Patty Ingle, Sr. Development Officer

Samuel Frimpong, Chairman, Mining and Nuclear Engineering

Ralph Flori, Chairman, Geological Sciences & Engineering

Wayne Huebner, Chairman, Materials Science & Engineering

Dr. Hyoung Lee, Assistant Professor of Nuclear Engineering

Dr. David Van Aken, Professor of Metallurgical Engineering

Dr. Ayodeji Alojo, Assistant Professor of Nuclear Engineering

Judy Russell, Senior Secretary, Mining Engineering

Dr. Michael S. Moats candidate for induction

There was a brief discussion of the October 2010 minutes. Ted Ruppert made a motion to approve the minutes and Mike McCall seconded. The minutes were approved unanimously without change.

Executive Committee Reports:

Nominating Committee: Greg Skannal, Committee Chair, was unable to attend due to other commitments. Keith Wedge, Academy Chair, reported that we had four candidates that were nominated by members of the Academy. Of these, two candidates were recommended for membership at this time. Dr. Michael Moats accepted the invitation and will be inducted at our evening banquet. The second candidate, Al Powell, was unable to accept at this time due to other obligations. He will be re-invited for membership, and if he accepts we will be inducted during our Homecoming 2011 meeting. The two candidates that were not recommended will be put into the second review. A suggestion was made to collect nominations throughout the year. The department chairs (MNE, GSE and MSE) often have information about alumni that would be good candidates for membership in our Academy. Expectations of worthy candidates include being willing to be active and attend meetings, being able to offer input regarding industry, and availability to the department chairs.

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 \$114,497.86. 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 \$29,625.42 after deducting general purchases such as the miner statues, and supplies for our meetings. 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 meetings to share with us some of their career highlights. It was also 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 ~70% OGS members (i.e., 70 OGS members out of 97 Academy members), the highest percentage of any of the academies.

Strategic Planning Committee:

No report was presented at this point in the agenda. Dr. Huebner later presented an update on Vision 2020.

Jackling Report: By Chris Ramsay

Jackling Endowment Fund:

As of April 8, 2011 the endowment fund balance was \$913,985.99. In addition, the annual distribution was \$38,526.55. The corpus has increased by both Real Gain (sale of investments) and Unrealized Gain of \$130,141.53 since July 1, 2010. The spendable account currently has a balance of \$86,923.03.

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Jackling Loan Fund:

The Jackling Loan Fund had an unaudited balance of \$100,274.86. It is anticipated that the balance over \$100,000.00 will be transferred back to the Jackling Endowment fund as prescribed by the endowment document.

Expenditures Summer 2010:

Mining Engineering Explosives Camp, \$15,000.00.

Jackling Introduction to Engineering Summer Program, \$10,000.00 these monies will support the traditional school of Mines departments activities in the summer program.

Department of Materials Science and Engineering, Materials Summer Camp, \$15,000.00

Department of 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.

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Some Background:

The funds are held by the Curators of the University of Missouri in the Balanced Pool; consequently, the Jackling Committee has no real influence on the investment.

The committee has control of the expenditures from the "spendable account" for the fund and will concentrate on a strategy to build up the corpus while remaining sensitive to those programs that are critical to the success of Missouri S&T.

For BOD Information:

All disbursement of monies from the Jackling Fund must flow through the Miner Alumni Association rather than through any other department or entity of the Missouri University of Science and Technology.

It is the guiding principal of the Jackling Committee to support the students, faculty, departments, and the University in strict conformance to Mr. Jackling's wishes as set forth in the documents that he left in establishing and later modifying the fund prior to his death.

Development Report:

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

- Joan Nesbitt is the new Vice Chancellor for University Advancement
- State Appropriations per FTE Student have declined 28% in the past 10 years (2001-2011)
- FY12 Budget Outlook
 - Meeting with the Governor
 - Special Board of Curators' meeting to discuss tuition/fee increases
 - Governor's State of the State Address proposed 7% budget cut
 - Board of Curator's meeting
 - Senate Appropriations Committee
 - Proposed Tuitions Increase from 4.7% to 6.6 % across the UM System
- Two important capital project opportunities
 - Geothermal Energy Project @ \$32.4 million
 - New Construction / Renovation of Schrenk Hall (Biological Sciences, Chemical and Biological Engineering and Chemistry) @ \$51.2 million
- Grants and Contracts over a 10 year history – awards in FY10=\$52.3M (up 22.8% from FY09)
- Career opportunities for students increasing
- Council for the Advancement and Support of Education Competition
 - S&T received 15 awards for excellence in alumni relations, fundraising, media relations, advertising, graphic design, and student recruitment marketing
 - S&T won the Sweepstakes Award for best overall institutional advancement program in the enrollment category of 5,000 - 7,499 students for the 5th year in a row
- S&T ranks 19th in the nation in the number of engineering bachelor's degrees awarded
- S&T ranks 16th in the nation in the number of engineering bachelor's degrees awarded to women
- S&T ranks 17th in the number of engineering bachelor's degrees awarded to African-Americans
- Recent Campus Construction - Kummer Student Design, Indoor Practice Facility and Innovation Park
- Hasselmann Alumni House has total amount pledged to date at \$1,014,000. Total naming opportunities are \$3,090,000

Presentations:

Vision 2020 – Future of S&T by Dr. Wayne Huebner, Chairman, Material Science and Engineering.
(This presentation is an adaptation of John Mathes planning documents.)

“Vision 2020” is the working name for a departmental strategic planning and development process through which each Missouri S&T department could:

- Enhance its academic programs to meet the long range needs of students, employers and citizens

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- Help Missouri S&T achieve it's vision of being recognized as one of the top five technological unversities in the nation

Summary of the Planning Phase – 2011

- a. Assess environmental conditions
- b. Sell the need for "Vision 2020" to department stakeholders.
- c. Recruit core group of "Vision 2020" alumni leaders
- d. Guide formation of Faculty Planning Committee
- e. Partner with the Faculty Planning Committee to insure development of a visionary but realistic plan
- f. Secure sponsorship of "Vision 2020" by Academy
 - ❖ Leadership Phase: 2011-2012 Secure Lead Donors
 - ❖ Official Kick Off: April 2013 Mines & Metallurgy Academy Meeting
 - ❖ Completion – June 2020

Presentations by Faculty Award Recipients

Dr. David Van Aken – Professor of Metallurgical Engineering (Senior Faculty Member Honoree)
Dr. Hyoung Koo Lee – Assistant Professor of Nuclear Engineering (Junior Faculty Member Honoree)

Departmental Reports

Dr. Ralph Flori, Chairman of Geological Sciences and Engineering
Dr. Samuel Frimpong, Chairman, Mining and Nuclear Engineering
Dr. Wayne Huebner, Chairman, Materials Science and Engineering

Keith reminded everyone to come to the reception starting at 6pm followed by the Award Dinner and Induction Ceremony.

Our next meeting will be on Friday, October 7, 2011 (Homecoming Weekend). Ben Winter (MetE, '80) will be giving the O'Keefe Lecture at 3:30 on Thursday, October 6th in room 204 of McNutt Hall.

The meeting was adjourned at 2:15 P.M.