

Mines and Metallurgy Academy Business Meeting
Missouri / Ozark 207, Havener
Friday Oct 21, 2022

CALL TO ORDER:

Bill Martin, Academy Chair called the meeting to order 9:45 A.M. While getting started with items on the agenda, introductions were conducted.

Bill Martin, Academy Chair
Steven Jung, Vice Chair
Kwame Awuah-Offei
David Borrok
Tim Bradley
Don Brumm
Don Dwyer
Kevin Edwards
Ken Gielow

Daniel Krueger
Michael Gross
Erin Lepper
Mike Moats
Gary Pennell
Scott Sehlin
Gregory Sutton
Gen Sutton
Molly Laegeler (via ZOOM)

Missouri S&T Representatives attending:

Dr. David Borrok, Interim Vice Provost and Dean of Engineering and Computing
John Held, Executive Director Development, Gift Planning
Dr. Kwame Awuah-Offei, Department Chair of Mining Engineering
Dr. Joseph Newkirk, Department Chair of Nuclear Engineering
Dr. Jeffrey Cawfield, Department Chair of Geosciences and Geological and Petroleum Engineering
Dr. Mike Moats, Department Chair of Material Science Engineering

I. College update – Dr. David Borrok

- [Powerpoint presentation](#)

II. EXECUTIVE COMMITTEE REPORTS:

A. Strategic Planning – reported by Bill Martin

- How do we attract students?
 - Marketing
 - Industry Connection
- What is the tipping point of the future student's decision to attend?
 - Financial- possible for MMA to cover the difference to admit a student
 - Personal calls to find out what students need.

Update on Outreach Coordinator position:

- Interview to be conducted October 26, 2022.
- MMA Outreach Coordinator is 1 out of 6 available outreach positions on campus.
- Will work and train with admissions
- Personal interaction is impactful.
- Discussed how programs could support struggling students as a way to boost retention.

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B. Financial Report – reported by Bill Martin

- [Financials](#) as of Nov. 2022 for the General Operating account = \$52,844.62
- [Financials](#) as of Nov. 2022 for the SOMM Scholarship funds = \$194,498.94

C. Student Affairs and Scholarships-

- 14 student names have been submitted for the Mines & Metallurgy Academy Scholarship for Academic Year 2022-2023.
- Mike Moats was nominated by Kwame Awuah-Offei to be on campus liaison for Academy Scholarship.
- Wayne Huebner to meet with MMA Scholar Nominees on 11/14/22 or 11/17/22 for an informational session.
- Academy Scholar names to be submitted to Student Affairs and scholarship committee by January 15, 2023.
- Continue \$300 credit towards watches at Kent's jewelry.

D. Nomination Committee: Submitted by Kevin Edwards on behalf of Laura Agee, Committee Chairman

- The deadline for receiving new nominations is **Nov 1, 2022 for the Spring 2023 induction.**

Contact Laura Agee (at lauraagee@gmail.com) or Donna Arthur at dadk5@mst.edu if you have any questions.

See the nomination form and [Nominating Committee Report October 2022](#).

New Nominees (Fall 2022 for Spring 2023 Induction): (Nomination deadline Nov 4, 2022)

Nominee	Discipline	Nominated by:
Scott Strickland	Mining Eng (BS 2002)	Don Dwyer
Clay McNail	Mining Eng (1998, 2013)	Greg Sutton

Carryover Nominees (from the 2021/22 cycle)

Nominee	Discipline (from Missouri S&T)	Nominated by	Nominating Timeline
Laura Ely	Metallurgical Eng. (BS 2004)	Michael Moats	Fall 2021 for Spring 2023 Induction

Add the following items to the agenda for the Spring Meeting:

- Fund summer camps
- Fund teacher's camp – point of contact for camp start up is Michael Moats
- How are scholarships determined for summer camp?

E. Executive Committee:

Seeking at least two nominees to be Members At Large on the Academy Executive Committee.

The Academy is always looking for additional members on other standing committees

- **Nominating Committee**
- **Strategic Planning Committee**
- **Data Mining Committee**
- **Student Affairs and Scholarships**

MMA website under construction: mmacademy.mst.edu

Request from MMA President, Bill Martin, for monthly department newsletters to be electronically distributed to MMA members.

III. Departmental Reports

A. Geosciences and Geological and Petroleum Engineering: reported by Jeffrey Cawfield.

- Enrollment has improved.
- Need faculty. Looking into joint appointments.
- Are any emeritus faculty willing or eligible to teach with adjunct status?
- Looking for funding to extend appointments for [Chancellor's professors](#) who may teach at 25% of their last pay.

B. Mining Engineering: reported by Kwame Awuah-Offei

- Dr. Kwame Awuah-Offei named Chair of Mining and Explosives Engineering effective August 1, 2022.
- Dr. Taghi Sherizadeh, rock mechanics expert, and Dr. Guang Xu, ventilation expert, both are starting to obtain research money.
- Dr. Ashish Kumar, Assistant Research Professor resigned effective August 1, 2022.
- Need Academy members support to socialize endowing the Dept. and to increase enrollment.

C. Material Sciences Engineering– reported by Michael Moats

- Dr. Wayne Huebner retired in 2022.
- Would like to hire new faculty for Michael Moats to mentor before retirement.
- Endowed positions are protected. Six faculty expected to retire over the next few years.
- Morale has improved among faculty

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- Enrollment is improving

D. Nuclear Engineering – reported by Joseph Newkirk

- Dr. Joseph Newkirk named Chair of Nuclear Engineering and Radiation Science Department effective October 1, 2022.
- Always looking for more students
- New department building
- Promote cutting edge technology with upgrade to current reactor.
- Upgrade/Upsize reactor. Opportunity to bring commercial value to Rolla.
 - Steven Jung specializes in this field – great resource for what is needed.
- Approved to hire professor to study nuclear medicine- begin discussion with Washington University, St. Louis
- Kevin Edwards is local and is willing to volunteer time to help Nuclear Engineering.

E. Development update - reported by Matt Lehmann

- Innovation Lab broke ground April 21, 2022. Completion date of October 2023.
- [Welcome Center](#)- groundbreaking scheduled Spring 2023. Due for completion December 2024.
- Missouri [Protoplex](#)
- Stem Center K-12 summer [programs](#):
 - Goal is to increase from 700 students to 1000 students each year.
- Ignition grants for 2022:
 - Six research teams awarded a total of \$275,000: [September 2022](#)
 - Research teams awarded a total of \$135,000: [June 2022](#)
- Endowed position funding [list](#).
 - Need pledges in place to secure Kummer match for faculty positions.

Motion: Steven Jung, motion to adjourn.
Michael Moats seconded the motion.
Meeting Adjourned 3:30 P.M.