

**Colorado School of Mines
Faculty Senate Agenda
May 9, 2017 2:00-4:00 p.m.
Hill Hall 300**

ATTENDEES: Dinesh Mehta (President), Paul Martin (AMS), Jürgen Brune (MN), Mark Seger (CH), Tzahi Cath (CEE), Chuck Stone (PH), Jon Leydens (HASS), Neal Sullivan (ME), Michael Heeley (EB), Jason Ganley (CBE), Marcelo Simoes (EE), Linda Battalora (PE), Jeff King (MME), Reed Maxwell (GE), Sumit Agarwal (CBE), Paula Farca (HASS)

APOLOGIES: Vaughan Griffiths (CEE), Terri Hogue (BOT), Madison Northrup (USG), Heather Lammers (GSG)

GUESTS: Paul Johnson (President), Tom Boyd (AA), Carol Smith (Library), Ye Li (Library), Mark Coffey (PH)

1. Announcements

1.1 Mehta welcomed the new Senators and ‘Thank You’ to the retiring Senators.

Introduction of the five new Senators:

Sumit Agarwal (CBE), Linda Battalora (PE), Paula Farca (HASS), Vaughan Griffiths (CEE), Marcelo Simoes (EE)

They will join the eight continuing Senators:

Tzahi Cath (CEE), Jeff King (MME), Jon Leydens (HASS), Paul Martin (AMS), Reed Maxwell (GE), Mark Seger (CH), Chuck Stone (PH), Neal Sullivan (ME)

2. Approvals

2.1. Approval of April 25 minutes. **Motion to approve: Brune, second: Martin. Approved with 13 yes votes and 1 abstention.**

2.2 Vote on BSE 2.0

Proposed language (requested and received from Dean Moore) follows:

“approve the BSE 2.0 program, subject to subsequent UGC approval of the four required courses and a statement from Registrar that the technicalities have been solved to her satisfaction.”

This is an ‘in principle’ approval through the summer. The Committee will continue working on the proposal throughout the summer, and will present the updated proposal to the new Senate in the fall. **Motion to approved the BSE 2.0 ‘in principle’: Martin, second: Ganley. 11 yes votes and 3 abstentions.**

2.3. 2017-18 Senate President election.

Motion to nominate Reed Maxwell for Senate president, Martin, second Seger. Unanimous approval. Seger thanked Mehta and the outgoing Senators for their fine leadership.

2.4. Committee chairs

Undergraduate Council – Seger
Graduate Council – Simoes
Leadership Nomination Committee – Martin
Research Council Committee – Cath

2.5. The Library Committee was approved via ballot vote.

3. Visitors

3.1. President Johnson and Tom Boyd. Follow up discussion on the Spring Campus presentation: Visioning Mines @150 Campus Discussion.

This presentation was presented on campus, to the Board of Trustees and the Foundation Board of Governors. Where does Mines want to go? Various audiences were asked to pick which school they would like Mines to be. The Metrics of each comparative school included: undergraduate enrollment, US News National University Ranking, US News Undergraduate Engineering Ranking, Student/Faculty Ratio, Average net Price, Freshman Retention, 4-year graduation, and 6-year graduation. The audience overwhelmingly wanted Mines to be like

School A, a small school, expensive, but with the highest student success rate. Mines is School C, and no one wanted Mines to remain School C. Schools A and B are both Stem schools. Heeley noted that all "School A" -like schools are private. Johnson said that Mines should act more like a private than a public university. Mines receives approximately 20 million in discretionary funds from the state. A private school would have to raise a \$500 million endowment to generate the \$20 million Mines currently receives from the state.

What does Mines need to do differently to raise the 4-year graduation rates? Mines wants to be like School A, with a distinct identity. Mines wants to be the first choice for students and faculty. Mines' niche in the market is professional preparation, the students are prepared to work in teams in the real world. Mines must improve student retention, continue to attract high quality students, and be competitive.

One out of three in-state students accepted will enroll at Mines, and one out of ten out-of-state students. Mines is known as a good return on investment with graduates obtaining high paying jobs. Mines offers twelve specific degrees, but competing schools offer more degree options. The type A schools (RPI and WPI) Mines is competing with are accepting the same quality students, are more expensive but have a higher four-year graduation rate. Other schools require fewer credit hours to graduate, are more flexible with accepting incoming credits, and have more paths to graduation with a degree. Mines requires more credit hours than most schools in the country.

Johnson wants to create signature experience at Mines, keep programs challenging, and improve the professional development program. He asked department heads to work with faculty to highlight the areas Mines can be truly good at. Mines is lacking non-thesis and non-degree programs. Heeley says that competitors spend a lot of money recruiting professional graduate students and have a job placement department. Heeley suggested to centralize graduate recruitment. Maxwell said the one year, non-thesis Master's degree is the metric. Micro masters are very popular on campuses. Mines would like to market the unique, distinctive courses and experiences at Mines. Johnson would like to present what Mines will look like at its 150th anniversary in 2024 at the campus conference in August.

President Johnson thanked the Senate for their time and hard work all year.

4. AAUP (Simoese/Mehta)

A AAUP chapter has been established on the Mines campus. Simoes will be the liaison with the Senate. There is a website being created for the Mines AAUP chapter. Smith was a founding member at Adams State College before she came to Mines, and is knowledgeable about AAUP. AAUP provides faculty support, guidance and consultation when needed. It is a wonderful educational resource for faculty, and a way to support other campuses. The next meeting is in two weeks. Smith encourages everyone to bring a friend or two to the next meeting. There is an AAUP executive meeting on May 17, please send any input to Simoes for the meeting.

The Mission of the AAUP, as stated on their website:

“The mission of the American Association of University Professors (AAUP) is to advance academic freedom and shared governance; to define fundamental professional values and standards for higher education; to promote the economic security of faculty, academic professionals, graduate students, post-doctoral fellows, and all those engaged in teaching and research in higher education; to help the higher education community organize to make our goals a reality; and to ensure higher education's contribution to the common good.”

5. Campus conference topics.

- Multi-year contracts.
- Small faculty groups discussing the future of Mines and reporting back.

6.0 Reflections on 16-17, strategies for 17-18 and other old business. Tabled.

Meeting adjourned at 4:00 p.m.

Next meeting will be August 22, 2017 with the new Senate.