

Colorado School of Mines – FACULTY SENATE MEETING MINUTES
 October 11, 2:00 – 4:00 pm, in the Guggenheim Boardroom and Zoom

Attendees:

Voting Members: 15 total (8 needed for quorum). Quorum was present.

P	Jeff King (Chair)	P	Cristian Ciobanu (ME)	P	Linda Figueroa (CEE/MN)	P	Joseph Horan (HASS)
P	Ebru Bozdag (GP)	P	Brandon Dugan (GP)	P	Mansur Ermila (PE)	A	Cynthia Norrgran (CBE)
P	Bettina Voelker (CH)	P	Lawrence Wiencke (PH)	P	Pat Kohl (PH)	P	Ventzi Karaivanov (ME)
P	Sid Saleh (EB)	P	Deb Carney (AMS)	P	Soutir Bandyopadhyay (AMS)		

Other Regular Attendees and Guests

P	Tracy Gardner (Trustee)	P	Rick Holz (AA)	P	Paul Myskiw (RO)	P	Colin Terry (Student Life)
A	Sam Spiegel (Mines Online)	P	Emmelia Ashton (USG)	P	Liam Witteman (GSG)	P	Mara Green (AA)
P	Vibhuti Dave (UGS)	A	Tim Barbari (OGS)	P	Lori Kester (EM)	P	Carol Smith (LB)
P	Karla Perez-Velez (CASA)	P	Deb Jordan (Trefny)	P	Angela Dunn (Mines Online)	A	Andrew Herring (AA)

Special Guest(s): Brian Gorman (MME)

Welcome

Jeff King

Student wellness initiative, Every Oredigger, kicking off 10/14. Senate invited to attend, asked Senators to attend if possible.

Weekly socials will begin having topics of discussion ([click here for information on Senate events](#)).

Approval of Minutes – September 27, 2022

Jeff King

MOTION: To approve the September 27, 2022 Faculty Senate minutes by Dugan, seconded by Ciobanu. Motion passed unanimously.

Academic Affairs Announcements

Rick Holz

Winter Research

Call for winter research has gone out; announcement moved out earlier, will show in December paychecks due to implementation of Workday. Due date is 11/1. Holz reminded faculty to discuss in departments if interested.

Ombudsperson

Executive team has reviewed the proposal. Process to begin with draft of position description. Proposal recommended one ombudsperson per portfolio, executive team would begin with one ombudsperson for the faculty to understand the workload. Training programs to be assessed.

Evaluations

Holz reported that teaching review and evaluations would be the same for online and in-person courses. Announcement to come out later informing faculty of the details.

Fall Break

Holz reminded faculty to not assign large assignments over the break.

Registrar's Office Announcements

Paul Myskiw

Spring and Summer 2023 schedules will be available for viewing on 10/24. Registration for Spring 2023 begins 11/14.

Briefings, Informational Items, and Updates

Faculty Handbook Committee

Joe Horan

Committee would like to look at developing better handbook language related to research professors; handbook provides less clarity on the nature of research professors on campus.

Calendar Committee

Linda Figueroa

Committee discussed Juneteenth and recognition within the academic calendar as it has been recognized as a federal and state holiday. Undergraduate Student Government presented a resolution on Career Days becoming a non-class day. Committee to discuss and analyze minimum contact hours of classes, especially MWF, and what non-class day Career Days would entail. Two days off may place contact hours right at the threshold minimum.

Comment made on non-class days for Career Days be made available for graduate students as well.

Library Committee

Brandon Dugan

Committee following up with GSG and USG for a representative. Broad discussion on the current state of the library with high numbers; over 500 in Design I. Library continues engagement with students, observed a return to pre-COVID levels of engagement.

Discussion on open access and the role of the library, open educational resources (OER) and its long-term plans, and OER integration into the core. There is a committee on OER that is chaired by the library; committee has broad participation across campus as a campus-wide ad hoc committee. Committee provides training, resources, and awareness on OER.

Library collaboration with Mines initiatives and working with other universities to share knowledge.

Committee discussed positions and workloads; Dugan noted the library is on the edge of what can be handled. Funding did not go through for state list of renovations; smaller refresh plans are being discussed.

Instruction Effectiveness Implementation

Debra Carney

Committee cleaning details on evaluation, the difference between online and residential course evaluations, and how labs and studios are evaluated. Committee is gathering feedback. Committee planning to roll out peer observations. Committee would like observations to be more informative, DH and administration would like more evaluative feedback.

Suggestion made for labs, studios, and online courses to add an additional question or two to the form through the software. Promotion and tenure using teaching data scores from question eleven and would not know problems or feedback beyond numerical values. Suggestion made for feedback from students to add data to dossiers. Committee would like observations to assist instructors in achieving learning outcomes. Suggestion made to require evaluations from students.

- **Question** on where student evaluations are posted; the library keeps historical data on CD-ROM with equipment provided with a probability of digitizing information. Suggestion made to store evaluations within Canvas to allow student access, Senator noted students are discussing classes outside of evaluations.

Proposal for peer observations is in progress. Observations may require a shift in Mines' culture. Note made that observations may assist in contextualizing dossiers.

Confirmations and Appointments

University Committee Appointments

Cristian Ciobanu

Budget Committee (1 vacancy)

One volunteer was nominated to fill the vacancy on the University Budget committee.

- Yaoguo Li (Professor, Geophysics).

MOTION: To nominate Y. Li for the vacancy on the University Budget committee for the 2022-2023 academic year by Dugan, seconded by Ciobanu. Motion passed unanimously.

Tech Fee

One volunteer was nominated to fill the vacancy on the University Tech Fee committee.

- Oyvind Nilsen (Teaching Associate Professor, Mechanical Engineering).

MOTION: To nominate O. Nilsen for the vacancy on the University Tech Fee committee for the 2022-2023 academic year by Dugan, seconded by Ciobanu. Motion passed unanimously.

Faculty Senate Committee Appointments

Online Standards Committee

One volunteer was nominated for the Faculty Senate ad hoc Online Standards committee.

- Terry Bridgman (Teaching Professor, Applied Mathematics and Statistics).

MOTION: To nominate T. Bridgman for the Faculty Senate ad hoc Online Standards committee for the 2022-2023 academic year by Ciobanu, seconded by Dugan. Motion passed unanimously.

Committee Business

Resolution to Create Ad Hoc Committees

Jeff King

Faculty Signature Experience Steering Committee

Committee would lead all other faculty signature experience efforts.

Bylaws and Rules Committee

Committee would review Bylaws for changes. Current Senate Bylaws do not contain provision for proxy voting, leave of absence, or removal of a Senator.

Student Signature Experience Committee

Senate was tasked with SSE grants in 2020. There are remaining funds.

Information and Technology Advisory Committee

Committee would be tasked with providing input on classroom technology and other technology needs on campus from faculty, would function as an advisory committee.

MOTION: To create the Faculty Signature Experience, Bylaws and Rules, Student Signature Experience, and Information and Technology Advisory ad hoc committees and charge the Leadership Nomination committee with filling vacancies by King, seconded by Dugan. Motion passed unanimously.

Core Curriculum Committee

Joseph Horan

Vibhuti Dave

Resolution has been updated to provide additional details on deadlines and specific stakeholders involved in the core curriculum revision. Resolution drafted to provide a framework for moving forward on revisions and changes. Horan noted the last major core curriculum revision occurred twenty to twenty-five years ago. Language includes Assessment committee involvement in assessing the revised curriculum and its learning outcomes.

MOTION: To approve the presented resolution for the core curriculum by Horan, seconded by Kohl.

AMENDED MOTION: To approve the presented resolution for the core curriculum pending the outcome of Undergraduate Council by Dugan, seconded by Ciobanu. 8 for, 4 against, 1 abstention. The amended motion passed.

Comment raised on degree credit hours, departments that may be affected, and ramifications for departments that had not analyzed the proposed curriculum effects on degrees. Suggestion made for clarity on degrees' credits and if the credits are limited to 130. Horan noted the committee could not account for each individual impact on programs, but wished to ensure optimal outcomes. Each degree program would be responsible for assessing solutions.

CSM201 learning outcomes would be iterated over the coming months in conjunction with Student Life.

Senator noted the resolution would ask Senate endorsement of the iterative timeline and framework of the revisions, suggestion made to clarify that Senate is not endorsing each individual reform but the starting point for action to begin on implementation of the reform. The core curriculum changes would move through Undergraduate Council and Senate for further, detailed discussion. The resolution includes Undergraduate Council review of submitted revisions no later than January 11, 2023.

Senate and Council to consider additional meetings to assure changes are being discussed in a timely fashion prior to the 2023-2024 Catalog closing for publication. Note made that departments that would not develop or would not provide changes would need to discuss between the DH and Provost.

Comment made on lack of available resources for current core. Resolution tasks AA with delivering a plan for resources.

Original Language:

"1. The Mines Faculty, through the Faculty Senate, endorses the recommended reforms in the CCC report, and supports action on the part of all interested stakeholders to implement these reforms."

Amended Language:

“1. The Mines Faculty, through the Faculty Senate, endorses the recommended reforms in the CCC report as a starting point for curriculum reform, and supports action on the part of all interested stakeholders to implement these reforms.”

MOTION: To approve the amended language to point one (1) of the resolution to include the above language by Horan, seconded by Dugan. 12 for, 2 against, 1 abstention. Motion passed.

MOTION: To approve the resolution directing the various units of the University to go forward and begin working on the core curriculum revisions subject to Undergraduate Council approval and the amended language of point one (1) of the resolution by Dugan, seconded by Horan. 10 for, 3 against. Motion passed.

Undergraduate Council

Brandon Dugan

- 1.1 **New Program Presentation –**
METALLURGICAL AND MATERIALS ENGINEERING
[CIM 9/20; Provost 9/20]
1 new program: BS-CERE: Ceramic Engineering

Gorman presented on the new undergraduate Bachelor of Science in Ceramic Engineering for MME. Gorman provided a SWOT analysis of the strengths, weakness, and opportunities of the degree. Strengths include Mines’ international recognized MME degree, faculty with ceramic expertise, local industry support, and utilization of currently available MME resources for the new degree. Weaknesses include requirement of small, additional equipment to implement lab courses. New CerE degree would be one of three in the United States.

- **Question** on spike of ceramics engineering degrees in 1940-1950; World War II was a driver for CoorsTek and several companies to focus on scientific porcelain that could no longer be sourced from Germany. Departments consolidated ceramics engineering into materials science and engineering degrees.

Core reformed to include glass science, powders and forming, sintering, thermal properties, and mechanics of ceramics. New faculty would not be added; MME hired several new faculty including a teaching professor to assist in new course development.

Discussion within department on how alumni would be affected and job opportunities.

Courses would be generalized and shared between metallurgy and ceramics. MME commented on number of students within labs, hoping to spread more evenly with new lab courses.

Graduate Council

Tina Voelker

- 2.1 **Program Change(s)**– For Senate Vote (from 9/27)
CHEMISTRY
[CIM 9/14; GC 9/21]
1 program change: MPMSPHD-CH: MP, MS & PhD – Chemistry

Added flexibility to the non-thesis masters program so that students can choose 3 of 4 core courses rather than needing all 4 core courses.

Total credits for the degree do not change with this revision.

MOTION: To approve the program change in Chemistry to MPMSPHD-CH: MP, MS & PhD – Chemistry by Voelker, seconded by Carney. Motion passed unanimously.

Research Council

Sid Saleh

3.1 *Research Council Bylaw Changes*

Tabled for 10/25.

Adjourn

Jeff King

Meeting adjourned: 4:07 pm.

Next meeting: October 25, 2:00-4:00 pm in Guggenheim Boardroom and Zoom. Please send all agenda items to Mara Green (mgreen1@mines.edu) 1 week in advance.