

Approved at the 5/20/2019 meeting
BOARD OF TRUSTEES OF THE COLORADO SCHOOL OF MINES
MINUTES OF THE BOARD MEETING
Friday, April 5, 2019
COLORADO SCHOOL OF MINES
Starzer Welcome Center, 1812 Illinois Street, Golden, CO 80401

I. Trustee Breakfast – 7:30 a.m., President’s Residence, 1722 Illinois Street

Executive Session

To discuss legal advice pursuant to §24-6-402 (3)(a)(II), C.R.S.; employee matters pursuant to §24-6-402(3)(b)(I), C.R.S.; administrative actions and investigative reports involving students pursuant to §24-6-402(3)(b)(I), C.R.S.; property purchase pursuant to § 24-6-402(3)(a)(I); and matters required to be kept confidential by federal law or statute statutes, pursuant to §24-6-402(3)(a)(III), C.R.S.

7:35 a.m. Motion to move into executive session by Trustee Haddon; seconded by Trustee McNeil. Motion approved 7-0.

Trustees present: Chairman Jorden, Trustee’s Haddon, McNeil, Salazar, Sanders, Starzer and Burgess.

Mines executives and directors present: President Johnson, Interim Provost Boyd, EVP Volpi, VPSL Fox, VP Tomkins, VP Han and VPGC Walker.

9:25 a.m. Motion to move to regular session by Trustee Haddon; seconded by Trustee Starzer. Motion approved 7-0.

II. Regular Meeting – Starzer Welcome Center, Wagner Boardroom

9:40 a.m. Regular session resumed and called to order by Chairman Jorden.

Trustees present: Chairman Jorden, Trustee’s Haddon, McNeil, Salazar, Sanders, Starzer and Burgess.

Mines executives and directors present: President Johnson, Interim Provost Boyd, EVP Volpi, VPSL Fox, VPRTT Tompkins, VPGC Walker, and Deans Graves, Moore and Kaufman.

a. Oath of Office for new Trustee Denise Burgess

Chairman Jorden administered the Oath of Office to new Trustee Denise Burgess.

b. Consent Agenda

1. The minutes from the February 8, 2019 meeting were submitted for approval.

Trustee McNeil motioned to approve the minutes as presented; seconded by Trustee Starzer. Motion approved 7-0.

c. Reports and Updates

Board Committee Reports _____ Trustee Haddon reported that the Finance and Audit Committee (FAC) met on March 28, 2019. The financial statements were reviewed. He noted that with the enactment of the 2017 Tax Cut and Jobs Act Mines will now have to file an income tax return by May 15 on unrelated business income. Approximately \$750,000 of income will need to be reported that includes employee provided parking, facilities rental and magazine advertising income. Trustee Haddon reported there was an update provided on the Subsurface Frontiers Initiative and Ms. Volpi will provide details. The debt policy revisions were reviewed and

changes were approved. And, he noted the committee reviewed the draft FY2020 Budget which will be presented to the Board for approval at the May 20, 2019 meeting. Ms. Volpi advised the committee of the results of the State Controller's office audit. Trustee Haddon noted the suitability of the P3 structures for student housing was reviewed and looks promising.

Trustee Haddon reported that the Investment Advisory Committee (IAC) reviewed the CSM Foundation's investment performance as of December 31 2018. He noted the University had \$30 million invested with the Foundation as of December 31, 2018. Trustee Haddon reported that the Foundation is working with an outside consultant to evaluate the best model going forward, noting the potential to move to a Chief Investment Officer or outsource CIO model.

President's Report President Johnson reported that Mines ranked fourth for brainiest students in the Luminosity Report and the Business Journal ranked Mines 21 in the country. He reported on Marv Kay's induction into the Sports Hall of Fame and that Mines was well represented at the event. He reminded the Trustee's that Thursday, April 11, 2019 is Marv Kay Day in Colorado and Mines will unveil the naming of the pedestrian Plaza in his honor. Dr. Johnson reported on upcoming events, the Evening of Excellence, E-Days and the Ore-cart Pull, inviting the Board to attend.

President Johnson invited Ms. Volpi to provide an update on potential property acquisitions. She provided a review of the four prioritized pieces of property. She reported on how the CSM Foundation will work with the University to acquire the properties.

President Johnson asked Mr. Han to provide an update on legislative activities. He reported that the long Budget Bill is being finalized and Mines should not be impacted by cuts. Mr. Han noted there has been success with raising Mines from 33 to 12 on the Governor's recommended list for capital construction. He noted the Joint Budget Committee (JBC) members were instrumental in moving Mines up on the list and the Subsurface Frontiers Initiative is in the long Bill. Mr. Han reviewed the proposed Federal rule changes on sexual harassment and sexual violence reporting and investigation processes. Mr. Han reported on two other Bill's that could impact Mines, one related to giving college credit for work experience, and another for the creation of a family benefit. Mr. Han introduced Mr. Jason Hughes, Mines new Chief Marketing Office, to the Board.

Research activities and Tech Transfer Report Dr. Tompkins provided an overview of the grand opening of the new Water Technology Hub facility downtown. She noted there were representatives from the Zoma Foundation, NGL Partners and Representative Chris Hansen were there and provided remarks. Dr. Tomkins provided information on the Hub's activities and capabilities. She thanked Dr. Tzahi Cath and all those who attended the event.

Dr. Tompkins provided an overview of the Proof of Concept (POC) awards and reviewed a summary of the awards from early stages moving towards commercialization. She noted that money is contributed jointly from CSM Foundation and the Division of Economic Development at \$35,000 each and typically span a 5-6 year time cycle. Dr. Tompkins provided an overview of the technology transfer categories and market forces. She provided brief summaries of the research of the POC award winners for 2019, Dr. Kevin Cash, Dr. Brian Gorman, Dr. Owen Hildreth, Dr. Melissa Krebs and Dr. Susanta Sarkar. Dr. Tompkins will report on how POC benefits the University in her next report.

Financial Report Ms. Volpi reviewed the financial statements through February 28, 2019. She reported that current assets have increased 6.1%, and current liabilities have decreased 2.2%. She also reported that the total operating revenues are up 8.7%, and total operating expenses have increased 8.4%. Ms. Volpi reviewed the statement of cash flows, noting they are consistent with the end of February trends with a total cash increase of \$27.1 million since the beginning of the fiscal year. Ms. Volpi provided a review of the operating funds non-GAAP, noting that Mines should end the year positive in total, though the ongoing forecast is down slightly. There was discussion regarding PERA liability and Ms. Volpi noted that Mines liability should be cut in half to \$265 million.

Faculty Senate Report Dr. Tzahi Cath reported on the ongoing Faculty Senate business. He noted that the Faculty Senate is currently soliciting nominations to replace four Senators whose terms end next year. He reported that the selected faculty research awards will be presented at the Faculty Celebration in April, noting there are six senior and three junior faculty nominations. He reported the Faculty Distinguished Lecturer, Dr. Kamini Singh, presented her talk last week and Faculty Senate is in the process of selecting the 2020 Distinguished Lecturer. Dr. Cath reported on other ongoing business, notably the bylaws updates, faculty evaluation process improvements, and academic misconduct policy ad hoc committee. He also noted that the Faculty Senate is anxious to hear from the Board regarding multi-year contracts.

New Graduate degree update Dr. Boyd provided an update of the new Graduate degrees. He provided an overview of graduate program enrollment history. He provided background of the national trends, as well as application and admissions trends and metrics. He noted the decreases associated with earth sciences and Petroleum Engineering applications. Dr. Boyd reviewed the 10-year history of new graduate degree programs. Dr. Boyd reviewed the new degree programs the Board has approved over the last two years noting the mixture of residential, online and certificate programs. He highlighted Space Resources program and the FEA Professional Certificate program currently having the best outcomes. Dr. Boyd reported on course utilization in the new programs noting existing coursework is being used but, being delivered in different ways. He provided information on online courses and current enrollment, and provided information on the investments into the new programs and funds allocated through the Innovation Fund, Trefny Center, student receivables, promotion, and accreditation activities. Dr. Boyd noted that Ms. Lori Kester, new Associate Provost in Enrollment, will be starting next Monday. He reviewed next steps including growing program enrollment, assessment data on online courses, improving back-office functions, and graduate marketing and promotions working group.

Curriculum update Dr. Boyd provided a summary of significant curriculum changes over the last year that will be incorporated in next year's catalog. He reviewed the requirement of more credit hours for program completion than peer institutions. Dr. Boyd noted that field camps are currently under review, including looking for possible alternatives and determining their importance in traditional disciplines.

d. Presentation and Discussion

ROTC Program presentation Captain Brian Hotchkiss provided an overview of the history of the Mines ROTC program, noting that Mines has commissioned over 2500 officers since 1919. He provided an overview of the current ROTC program and briefly described key events, future projects and goals and the key mission of the program.

11:50 a.m. Trustee lunch

Motion to move into executive session by Trustee Starzer; seconded by Trustee Salazar. Motion approved 7-0.

Executive Session

To discuss legal advice pursuant to §24-6-402 (3)(a)(II), C.R.S.; employee matters pursuant to §24-6-402(3)(b)(I), C.R.S.; administrative actions and investigative reports involving students pursuant to §24-6-402(3)(b)(I), C.R.S.; property purchase pursuant to § 24-6-402(3)(a)(I); and matters required to be kept confidential by federal law or statute statutes, pursuant to §24-6-402(3)(a)(III), C.R.S.

12:37 p.m. Motion to move back into regular session by Trustee Haddon; seconded by Trustee Salazar. Motion approved 7-0.

Faculty Oversight Committee on Sports and Athletics (FOCSA) Dr. Fox reported on the Faculty Oversight Committee on Sports and Athletics (FOCSA). He reviewed the two recommendations from Spring 2018 regarding the value of athletes receiving nutrition advice, and making the use of the ice tubs more accessible. Dr. Fox

provided an overview of the recommendations made from Fall 2018 related to creating an evaluation system for coaches and training staff. He noted that Dr. Brian Trewyn is the new Faculty Athletic Representative (FAR).

Subsurface Frontiers planning update Ms. Volpi provided an update on the Subsurface Frontiers Project noting Mines has hired architects Perkins + Will and the design has begun. The second version of the cooperative agreement is anticipated in 2020/2021 and the Administration is working with USGS. Ms. Volpi reviewed the different possible funding sources, noting that USGS is paying for furniture, fixtures and equipment. Mines is working with Congressman Perlmutter on Federal appropriations of \$15 million due to the specialized building for USGS. Ms. Volpi provided a brief review of the estimated building costs currently at \$183 million including the garage, wrap and utilities. She noted the strong donor interest in including an incubator hub in the wrap. President Johnson provided additional information regarding the donor and the hub. Ms. Volpi reviewed the current debt service for the project noting it is adding approximately \$9.4 million to existing debt. She provided an update on the rating agencies and reported Mines is predicted to be stable at the current ratings. Ms. Volpi reviewed the financing considerations and the goals of minimizing impact on annual debt service levels and debt capacity and provided background on financing vehicles for the project. She reviewed the timeline for delivery in Winter/Spring 2021-22. Ms. Volpi reported that she will bring to the next Finance and Audit Committee meeting on May 6, 2019 financing for Board approval, then to the May 20th Board meeting for final approval.

Capital Projects update Ms. Volpi provided a brief update on capital projects. Spruce Hall on schedule to open in summer 2020, 1750 Jackson Street is on target for a Spring 2020 opening, and the Green Center renovations continue with the abatement and roof completed. She reported on the progress of improvements to the Campus utility infrastructure, and the new parking garage and classroom wing is on target to open Fall 2019 in phases. Ms. Volpi reported that there is current planning for a second parking garage to possibly include an incubator hub, the 14th Street shared pedestrian/vehicle way, the Innovation hub, and the feasibility study of 19th Avenue and 6th Avenue. Ms. Volpi will provide additional details at the next meeting.

Annual budget preview Ms. Volpi provided a preview of the FY2020 budget proposal. She reviewed the drivers and concerns for the FY2020 budget observing the outlook for State support is uncertain at the Governor's office for future years. Ms. Volpi provided a review of the proposed operating budget closing in a net positive of \$2 million. She noted key considerations for the budget proposal includes the 0% tuition increase for resident students, and 3% for non-resident students. She provided a review of projected enrollment, tuition for undergraduate and graduate, and mandatory fees, noting students voted to increase the athletics and technology fees. Ms. Volpi provided information on room and board rates, and total cost of attendance and will provide more detailed information at the next meeting. She briefly reported on other revenues. Ms. Volpi reviewed the key considerations for operating expense of investment in online education and in personnel. She provided a brief summary of revenue increases, salaries and market compensation. She provided an overview of current personnel and proposed changes in FTE. Ms. Volpi provided a review of the projected 5-year operating net activity followed by discussion regarding State support. She provided an overview of the next steps, noting the FY2020 budget will be refined and brought back at the next meeting for approval. Ms. Volpi provided a brief overview of the CSM Foundation's preliminary FY2020 unrestricted budget.

e. Action Items

Promotion and Tenure recommendations Dr. Boyd requested the Board consider and approve the Promotion and Tenure recommendations as presented.

Motion to approve the Promotion and Tenure recommendations as proposed made by Trustee McNeil; seconded by Trustee Salazr. Approved 7-0.

BE IT RESOLVED that the Board of Trustees of the Colorado School of Mines approves the following recommendations of promotion and/or tenure:

Tenure-Line Faculty: Promotion and Tenure (as appropriate)

Wendy Bohrson (Geology and Geological Engineering): recommend tenure at the level of Professor
Zhaoshan Chang (Geology and Geological Engineering): recommend tenure at the level of Professor
Amy Clarke (Metallurgical and Materials Engineering): recommend tenure at the level of Associate Professor
Steven DeCaluwe (Mechanical Engineering): recommend promotion to Associate Professor with tenure
Cecilia Diniz Behn (Applied Mathematics and Statistics): recommend promotion to Associate Professor with tenure
Kip Findley (Metallurgical and Materials Engineering): recommend promotion to Professor
Qi Han (Computer Science): recommend promotion to Professor
Christopher Higgins (Civil and Environmental Engineering): recommend promotion to Professor
Melissa Krebs (Chemical and Biological Engineering): recommend promotion to Associate Professor with tenure
Karin Leiderman Gregg (Applied Mathematics and Statistics): recommend promotion to Associate Professor with tenure
Jon Leydens (Humanities, Arts, and Social Sciences): recommend promotion to Professor
Jennifer Ryan (Applied Mathematics and Statistics): recommend tenure at level of Associate Professor
Alan Sellinger (Chemistry): recommend promotion to Professor
Andrei Swidinsky (Geophysics): recommend promotion to Associate Professor with tenure
Garritt Tucker (Mechanical Engineering): recommend promotion to Associate Professor with tenure
Michael Wakin (Electrical Engineering): recommend promotion to Professor
Bo Wu (Computer Science): recommend promotion to Associate Professor with tenure
Dejun Yang (Computer Science): recommend promotion to Associate Professor with tenure
Luis Zerpa (Petroleum Engineering): recommend promotion to Associate Professor with tenure
Xiaoli Zhang (Mechanical Engineering): recommend promotion to Associate Professor with tenure

Teaching Faculty: Promotion

Jonathan Cullison (Humanities, Arts, and Social Sciences): recommend promotion to Teaching Professor
Paula Farca (Humanities, Arts, and Social Sciences): recommend promotion to Teaching Professor
Maggie Greenwood (Humanities, Arts, and Social Sciences): recommend promotion to Teaching Associate Professor
Becky Lafrancois (Economics and Business): recommend promotion to Teaching Professor
Christopher Painter-Wakefield (Computer Science): recommend promotion to Teaching Professor
Rick

Tenure at hire recommendation _____ Dr. Boyd requested the Board consider and approve the Tenure at hire recommendation as presented.

BE IT RESOLVED that the Board of Trustees of the Colorado School of Mines approves the following recommendation for tenure at hire:

Richard Holz (Chemistry): recommend tenure at the level of Professor

Motion to approve the Tenure at hire recommendations as proposed made by Trustee Haddon; seconded by Trustee Salazar. Approved 7-0.

Board of Trustees Outstanding Faculty Award _____ Dr. Boyd requested the Board consider and approve the recommendation for the Board of Trustees Outstanding Faculty Award nominee as presented.

Motion to approve the Board of Trustees Outstanding Faculty award recommendations as proposed made by Trustee Haddon; seconded by Trustee Burgess. Approved 7-0.

BE IT RESOLVED that the Board of Trustees of the Colorado School of Mines awards Dr. Tracy Gardner the Board of Trustees Outstanding Faculty Award.

Sabbatical Requests _____ Dr. Boyd presented a summary of the fifteen faculty members requesting sabbaticals for the 2019-2020 academic year. He asked the Board for consideration and

approval of the requests.

Motion to approve the Sabbatical requests as proposed was made by Trustee Haddon; seconded by Trustee Salazar. Approved 7-0.

BE IT RESOLVED that the Board of Trustees of the Colorado School of Mines approves the following for sabbaticals for the term(s) indicated.

Amery, Hussein	HASS	Fall 2019
Diniz Behn, Cecilia	AMS	Academic Year 2019-2020
Figueroa, Linda	CEE	Academic Year 2019-2020
Han, Qi	CS	Spring 2020
Lu, Ning	CEE	Academic Year 2019-2020
McCray, John	CEE	Fall Semester 2019 OR Spring 2020
O'Hayre, Ryan	MME	Fall 2019
Petrella, Anthony	ME	Academic Year 2019-2020
Shafer, Jenifer	CH	Academic Year 2019-2020
Singha, Kamini	GE	Academic Year 2019-2020
Sitchler, Alexis	GE	Fall 2019
Straker, Jay	HASS	Academic Year 2019-2020
Swidinsky, Andrei	GP	Academic Year 2019-2020
Trewyn, Brian	CH	Academic Year 2019-2020
Yang, Dejun	CS	Academic Year 2019-2020

Posthumous Degree request: Ryan Vincent Dr. Boyd provided information on the request to issue a posthumous degree, noting the request was reviewed and supported by the department of Chemical and Biological Engineering, the Faculty Senate and the Provost. Dr. Boyd requested the Board consider and approve the posthumous degree as recommended for Ryan Vincent.

Motion to approve Posthumous Degree for Ryan Vincent as proposed made by Trustee McNeil; seconded by Trustee Starzer. Approved 7-0.

BE IT RESOLVED that the Board of Trustees of the Colorado School of Mines approves awarding Ryan Vincent the Bachelors of Science degree in Chemical Engineering posthumously.

Debt Policy review Ms. Volpi provided an overview of the debt management and investment policy. The recommended revisions were brought before the Finance and Audit Committee (FAC). Ms. Volpi provided a summary of the recommended revisions and requested the Board consider and approve.

Motion to approve revisions to the debt management policy as proposed made by Trustee McNeil; seconded by Trustee Salazar. Approved 7-0.

BE IT RESOLVED that the Board of Trustees approves the attached revisions to the Debt Management policy. (Attachment 1)

Investment Policy review Ms. Volpi provided a summary of the recommendations for the Investment policy revisions. The recommended revisions were brought before the Finance and Audit Committee (FAC). Ms. Volpi requested the Board consider and approve.

Motion to approve revisions to the investment policy statement as proposed made by Trustee Haddon; seconded by Trustee Burgess. Approved 7-0.

BE IT RESOLVED that the Board of Trustees approves the attached revisions to the Investment Policy Statement.

(Attachment 1)

Approval of Indemnification Agreement Mr. Han reviewed the Indemnification Agreement related to East Side Media Production and the Disney subcontract. Legal Services has reviewed and concurred with the benefits and low risk for Mines and requested the Board consider and approve.

Motion to approve revisions to the Indemnification Agreement related to the East Side Media Production and the Disney subcontract as proposed made by Trustee Starzer; seconded by Trustee Sanders. Approved 7-0.

BE IT RESOLVED that the Board of Trustees of the Colorado School of Mines approves of Mines contracting to indemnify WDSMP and authorizes the President or his appropriate delegate to execute the Subcontract Agreement.

f. Regular Written Reports

Undergraduate Admissions Ms. Boyd provided an update to the written report and noted that May 1 will bring the next round of students. She reported the Mines is committing at swifter pace than last year and has extended the transfer student deadline to June 1. Discussion regarding evaluating academic preparedness.

Graduate Admissions In Dr. Zhou's absence, Dr. Boyd provided an update to the written report and highlighted graduate applications up approximately 7% driven by the new graduate programs. He noted female and international applications are also up.

CSM Foundation and Alumni Relations report Mr. Winkelbauer provided an update and noted the Foundation has crossed \$36 million annual threshold in gifts. Donors are making an impact on campus. Next week Dr. Johnson and Ms. Volpi will present at the Foundation Board of Governor's meeting regarding priorities for the campaign. He reviewed some upcoming events and mentioned Trustee Haddon's work on investment governance, oversight and management. Mr. Winkelbauer is working with the Alumni Relations Board President, Mr. Bill Zisch regarding transition with programming and alumni relations activity.

III. Trustee Presentation – 1:45 in the Wagner Boardroom

Trustee Swift provided a presentation on the Mines Maker Space and invited the Trustees to take a walking tour of the spaces.

2:45 p.m. Motion to adjourn by Trustee Haddon; seconded by Trustee Salazar. Approved 7-0

There being no further business, the regular meeting adjourned.



Anne Stark Walker, Secretary