

BOARD OF TRUSTEES OF THE COLORADO SCHOOL OF MINES
MINUTES OF THE BOARD MEETING
Thursday, March 29, 2012
COLORADO SCHOOL OF MINES
1500 ILLINOIS ST., COORS BOARD ROOM

Chairman Spaanstra called the Board of Trustees to order in regular session at 9:15am on March 29, 2012 in the Coors Boardroom. Trustees present were Spaanstra, Bliss, Truly, Misra, Vallejo, Hutson, Faculty Trustee Dorgan and Student Trustee Earle. Trustee Cowart joined the proceedings by phone at approx. 10:30am (after action items). Select CSM executives and directors were also present including President Scoggins, Provost Parker, Senior V.P. Trubacz, Senior V.P. Middleton, V.P. Poate, V.P. Dougherty, V.P. Fox, Ms. Boyd, Dr. Dean, Ms. Landrum, Ms. Durkin, Ms. Pariseau, and Ms. Walker.

II A. Approval of Minutes

Moved by Trustee Bliss, seconded by Trustee Hutson, that the minutes of January 27, 2012 be approved. Motion carried 6-0 (Trustee Cowart not in attendance).

B. Reports

Finance and Audit Committee Report: Trustee Bliss reported that the Finance and Audit Committee met on March 19 to review current financial reports and review outstanding debt and current interest rates. The committee also discussed the City of Golden's bike easement request, which is on today's agenda as an action item for approval. The Strategy Committee met on March 13, and an update will be provided in executive session.

President's Report: Mines recently received a very significant gift from Hugh and Michelle Harvey for the Harvey Scholars program, and there are many other gift possibilities in the pipeline. The recent Mines of the Move events in Houston, Tucson, and Phoenix were successful - good turnout of local alumni and an opportunity to engage President's Council members. The Arthur Lakes Library Visiting Committee was on campus this week to look at both operations and potential renovation plans. Discussions with the Colorado Geological Survey are ongoing. The recent concealed weapons on campus ruling has generated much discussion on campus, and Mines general counsel is working with the Colorado attorney general's office to further clarify that Supreme Court ruling as it relates to campus policy. President Scoggins noted that a recent NPR story on Mines' rigorous curriculum and high post-graduation placement rates had generated lots of positive feedback.

President Scoggins asked Student Trustee Earle to provide an overview of E-Days, an annual celebration for students. Thirty-five teams have signed up for the cardboard boat race, three teams for the trebuchet, the comedy show is sold out, and the outdoor concert is still scheduled though the fireworks have been postponed due to dry, windy conditions. Hundreds of students are planning to participate in the annual Ore Cart pull in Denver, and Lt. Governor Joe Garcia will read the E-Days proclamation on the Capital steps.

President Scoggins asked a few senior executives to provide an update:

Heather Boyd, Director of Enrollment Management, stated that undergraduate admissions are up 15% in commitments over last year, with increases in every category, particularly women and non-residents. This increase is partially due to the new credit card deposit capability, but mostly students' enthusiasm about

attending Mines. ACT and SAT's scores of the admitted students are slightly higher than last year. The Fall 2012 incoming class size is expected to be 950-975 (850 new freshmen, balance are transfers).

Provost Parker provided an update on graduate enrollment. Grad student admits remain steady over last year. Engineering degree granting departments are on target with their ABET recommendations. Departments are moving on faculty hires (replacements, adjuncts, and new positions), and the newly implemented "diversity hire" program has been successful- 3 out of 8 new tenure-track positions have been offered to women. The campus was informed of and invited to comment on the plan to reorganize to create two more colleges in addition to the College of Engineering reorganization last semester. Trustee Dorgan inquired as to whether there have been productivity assessments comparing tenure track to non-tenure track positions. Provost Parker responded that the combinations are analyzed on a unit-by-unit basis, acknowledging that the nature of some departments requires a heavy teaching load, while others require a heavy research load.

Senior V.P. for Strategic Enterprises Dr. Middleton reported on Mines' collaboration with the Daniels School of Business at DU to develop a joint executive program (certificate) pertaining to minerals business education. Curriculum would include technical aspects plus business and international law and would attract high level executives. Mines is consulting on research administration for the Petroleum Institute in Abu Dhabi and developing a research master plan (Mines consulted on the original academic master plan for the Petroleum Institute). Research volume is growing there, with three Mines students are currently studying on site.

Dr. Middleton is also working with entities in Brazil to discuss possible opportunities in the mining and oil & gas sectors, plus the Brazilian government's *Science Without Borders* initiative to send Brazilian students abroad. He is also in discussion with an entity in Argentina regarding education and research relating to shale oil and gas. Other prospects in Strategic Enterprises include consulting for new universities in Indonesia and Kazakhstan to create colleges of mineral and energy resources. In addition, Dr. Middleton is currently leading Mines' initiative to develop a Policy Institute in Energy and Minerals.

Research Activities Report: V.P. for Research and Technology Transfer Dr. Poate stated that research awards are up significantly, NSF is principal federal funder, industrial funding way up, with likelihood of receiving industry grants much higher. The chance of getting an NSF grant is 5%; odds are much better with industry. Petroleum Engineering and Mining Engineering recently received a significant research grant focused on the next generation of hydraulic fracturing. Chemical Engineering received a research grant to develop a high temperature hydrogen separating membrane reactor based on palladium alloy membrane. Mines received a small NASA grant to study the geological activity of the Tharsis rise on Mars. Our Geophysics prof Jeff Andrews-Hanna is nation's leading expert on Mars and potential water flow. Mines, Penn State, and UT Austin are working together with ExxonMobil and GE to create new training programs focused on shale development.

The Graduate Student Association (GSA) has done a great job organizing a broad-scope research conference occurring this week, other universities are participating. CSM Tech Transfer testified before congress in support of HB 1044, which would provide Tech Transfer grants for up to \$750K, The bill was passed, but currently there is no funding source. ConocoPhillips recently licensed technology developed by Dr. Posewitz of Chemistry & Geochemistry, related to the genetic modification of algae for both biofuels and fuel sources. Last year the CSM

Geology Museum hosted 20K visitors including 162 school tours, 8 college tours, and lots of international visitors. Trustee Hutson commented on the museum's impressive collection.

Financial Report: Senior V.P. of Finance and Administration Joe Trubacz reported that the new report includes spring term tuition. In looking at total current assets over total current liabilities, we're at a 3-1 or 4-1 ratio, and in looking at total assets over total liabilities is 2-1. Looking at unrestricted net revenues and expenses, we should be at \$4.8M at the year end. In building the FY13 budget, we'll look at setting up a new model to more accurately reflect the reality of the faculty hiring process, which can span fiscal years and affect the bottom line.

C. Action Items

Sabbatical Requests: Provost Parker recommended the approval of fourteen requests for sabbatical leave. Countries visited for research and teaching include Australia, Chile, Germany, China, New Zealand, and Switzerland. Sabbatical is an important part of the academic experience- its great outreach for Mines, allows faculty to re-engage and study with leading colleagues. Trustee Hutson moved to approve, seconded by Trustee Misra. Approved 6-0 (Trustee Cowart not present during "action items").

Emeritus Status: Provost Parker recommended Dr. E Craig Simmons for Emeritus status. Dr. Simmons began his service at Mines in 1977 and has been a solid member of Chemistry & Geochemistry faculty. Trustee Vallejo moved to approve, seconded by Trustee Hutson. Approved 6-0.

New Degree Programs: Provost Parker submitted a formal request to approve the new degrees granted by the College of Engineering and Computational Sciences, per the Trustee's previous statement of support. The change includes six Bachelor of Science degrees, seven Masters of Science, and seven Doctor of Philosophy. These changes allow the degrees granted by Mines to be more in line with peers. The proposed changes will go to the Colorado Commission on Higher Education (CCHE) next week. Trustee Hutson moved to approve, seconded by Trustee Truly. Approved 6-0.

City of Golden Bike Path Easement: Mr. Trubacz recommended that Mines grant an easement to the City of Golden to allow the City to construct a segment of a paved bike/recreational path through Mines' property along the south side of Clear Creek and north of Mines' athletics fields and authorize the president (or delegate) to finalize the terms. Construction will start this year and will connect to an existing City bike/recreational path that runs parallel to 6th Ave. Trustee Bliss moved to approve, seconded by Trustee Misra. Approved 6-0.

D. Information Items

(Trustee Cowart joins the proceedings via phone)

Faculty Senate Update: Senate President Dr. Anthony Dean discussed the importance of teaching faculty and commended this year's effort to develop a more systematic approach to promotions (teaching faculty are not eligible for tenure). In the past, promotions were ad hoc. Now the process, led by Graduate School Dean Tom Boyd, mirrors the actions of the "promotion and tenure" group by asking a group of senior teaching faculty to make promotion recommendations, which are forwarded to the Provost for approval. Going forward, Dr. Boyd will further formalize the process. This is a great step towards showing that we value teaching faculty.

The recent Faculty Forum was well attended (140 people) and covered the current state of university affairs, implications of a re-organization, and retention issues including FACTIR, the Faculty Administration Collaborative To Improve Retention, which resulted from a meeting between the Board of Trustees and the Faculty Senate, and recognizes the importance of retention from financial and reputation aspects. Faculty Distinguished Lecturer Dr. Paul Martin recently gave an excellent talk and connected to both students and faculty. The Graduate Council has endorsed the institutional educational objectives for graduate education outcomes. The May graduation list has been prepared and is showing about 600 undergraduates. Faculty are concerned about the concealed weapons policy. The Graduate Student Association's conference on Energy and Research this week was well-organized and successful, with about 50 alumni serving as judges.

Proposed Policy Review Process General Counsel Anne Walker presented a policy review plan developed with Chief of Staff Peter Han and Policy Director Maureen Durkin. The proposed plan calls for the General Counsel to perform an annual governance review of Board-level policies and make recommendations to the Board regarding needed policy updates and revisions each fall. Ms. Walker identified the existing Board-level policies. She noted that four of the Board-level policies remain in the Faculty Handbook because they are primarily pertinent to academic faculty: Intellectual Property; Research Conflict of Interest; Research Integrity Policy and Complaint Procedure; and Sabbatical Leave. Because these policies are included in the Faculty Handbook, they fall within the purview of the Faculty Handbook Committee and require faculty input as well as Trustee review. Any recommended changes to these would be brought to the Board in the spring semester, at the end of the Handbook Committee's review process.

Ms. Walker recommended that six other Board policies be delegated to the administration and rewritten as administrative policies because these are more operational and administrative in nature and function: Electronic Mail; Fraternity and Sorority Housing; International Travel; Nepotism; Personal Relationships; and University Facilities Use. Such administrative policies would be reviewed and updated as necessary by the institution. No significant updates to these administrative policies are anticipated for the balance of this fiscal year.

Trustee Vallejo asked Ms. Walker to clarify if the Board of Trustees would have the opportunity to review any policies at any time. Ms. Walker stated that her office would continue to make policy recommendations as the need arises, and that the Board would always have opportunity to provide input prior to any major policy change.

Faculty Trustee Dorgan asked about the concealed weapons policy, and Ms. Walker noted that that historically has not been either a Board or a Faculty Handbook Policy, but rather a policy statement in the Student Handbook. It is more in the nature of an administrative, operational policy. President Scoggins reminded the Trustees that the recent change in Mines' concealed weapons policy stemmed from a recent CO Supreme Court ruling, and that our Counsel is working with the Attorney General's office and other universities' counsel to clarify how the court ruling is to be applied on college campuses given the unique needs of universities as residential communities and sensitive research facilities.

The Trustees engaged in discussion about policies in general, and about the concealed weapons policy in particular, and agreed that they want to reserve the option of providing input on any Mines policy, regardless of where the policy "resides," and that historically they have done this. Trustee Hutson moved, and Trustee Vallejo

seconded, to approve the resolution to delegate the authority to regularly review and approve the six designated administrative policies to the President or his delegate. Approved 6-0 (Trustee Cowart's phone was muted).

Review of FY13 budget process Mr. Trubacz reviewed the strategy in developing the FY 13 budget, which will be formally presented to the Trustees at the next meeting (May 21). Issues under consideration are possibly restored general funds (resulting in a smaller budget cut), potential tuition increases (President Scoggins assured the Trustees that we will stay within our statutory authority of a 9% maximum increase), options for exempt pay increases, changes to fringe benefits, and the desire to have a 'rainy day fund'. Trustee Bliss noted that Mr. Trubacz was very thorough in summarizing the strategy for the Finance and Audit Committee.

E. Regular Written Reports No questions or discussion

III. Executive Session

Trustee Misra made a motion, seconded by Trustee Vallejo, to go into executive session at 11:20a.m. to receive legal advice pursuant to §24-6-402 (3)(a)(II), C.R.S. and consideration of nominations for awards per §24-6-402 (3)(a)(VIII), C.R.S. Motion carried 6-0.

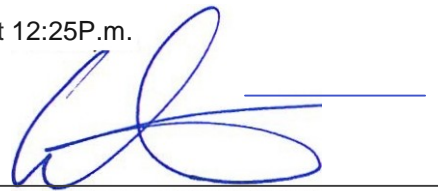
IV. Regular Session Resumed

Chairman Spaanstra resumed regular session at 12:15pm.

Trustee Hutson made a motion, seconded by Trustee Misra, to award Honorary Doctorates to the May 2012 and December 2012 commencement speakers, Dr. Craig Barrett and Dr. Joe Gray, as well as award the Board of Trustees Distinguished Faculty Award to the recommended Mines faculty member at the May 2012 commencement ceremony. Motion carried 5-0 (Trustees Vallejo and Cowart had departed the meeting prior to the vote).

Trustee Hutson made a motion, seconded by Trustee Truly, to approve the presented Promotion and Tenure recommendations. Motion carried 5-0.

There being no other business, the regular meeting adjourned at 12:25P.m.



Secretary, Board of Trustees