

(Approved at the 1/27/12 meeting)

BOARD OF TRUSTEES OF THE COLORADO SCHOOL OF MINES
MINUTES OF THE BOARD MEETING
Thursday, December 15, 2011
COLORADO SCHOOL OF MINES
1500 ILLINOIS ST., COORS BOARD ROOM

Chairman Spaanstra called the Board of Trustees to order in regular session at 9:12am on Dec. 15, 2011 in the Coors Board Room. Trustees present were Spaanstra, Misra, Vallejo, Truly, Cowart, and Faculty Trustee Dorgan. Trustees Bliss and Hutson and Student Trustee Earle were absent. Select CSM executives and directors were also present including Pres. Scoggins, Provost Parker, V.P. Trubacz, Ms. Pariseau, Mr. Han, V.P. Fox, VP Poate, Ms. Boyd, Mr. Brummett, V.P. Winklebauer, Dr. Dean, Ms. Walker, Dean Boyd. Assoc. V.P. Dougherty, and Ms. Landrum.

II A. Approval of Minutes

Moved by Trustee Misra, seconded by Trustee Truly, that the minutes of October 31, 2011 be approved. Motion carried 4-0 (Trustee Cowart abstained, Trustees Bliss and Hutson not in attendance).

B. Reports

Board Committee Reports: Trustee Cowart reported that the Finance and Audit Committee met on Dec. 5, 2011 to look at the external auditor report (more detail in information items). No Executive Committee or Strategy Committee updates as they have not met since the last board meeting.

President's Report: Midterm commencement will take place on Dec. 16, 2011 in Lockridge Arena. Mines will award 366 degrees to bachelors, masters, and doctoral students. Prior to the main ceremony there will be a Phd hooding ceremony.

Overall, Mines Athletics enjoyed a very successful fall semester. Masters candidate and football quarterback Clay Garcia was one of sixteen National Football Foundation Scholar-Athlete award winners as well as a finalist for the William V. Campbell Trophy. The National Football Foundation also recognized Prof. Richard Wendlandt of Geology and Geological Engineering for his work in support of Mines student athletes as chair of Faculty Athletic Oversight Committee. Dr. Wendlandt and Mines were honored with a \$5000 grant which will go toward academic support services for student athletes. Two women's teams made it to the DII championships- both the volleyball and the soccer teams went to the regionals. One volleyball team member was named Third Team All-American by the AVCA and four soccer players earned NSCAA All-Central Region honors.

President Scoggins asked Heather Boyd, Director of Enrollment Management, to provide an update on undergraduate enrollment. To date Mines has received more than 10,700 applications (up 15% over last year) and is on a 30 day-decision schedule to move through application review quickly. At this point 75% of the goal for total "accepted" freshman have been identified; Enrollment is currently reviewing applications to identify the final 25% of accepted freshmen group, looking for high quality, particularly

women and underrepresented groups as well as athletes, transfers, and international students. The average ACT score for the accepted group is 31, the avg. SAT is 1332, with an average un-weighted GPA of 3.8.

President Scoggins asked Dean of Graduate Studies Tom Boyd to provide an update. Graduate enrollment for spring is up 10% over last year. Accepts/intends down 13% mostly in thesis programs. Assumption is that the decrease is tied to concerns about decreasing levels of research funding. Estimated new enrollment for the spring semester is 105 students (down from 115 last year), total enrollment for the spring semester is estimated at 1200, up 4% from last year.

For campus construction, the pedestrian plaza project is complete; Marquez Hall is on schedule, as is the Student Wellness Center.

There have been a number of meetings with administrators from the City of Golden, the State Joint Budget Committee (JBC) and Capital Development Committee, as well as the Legislative Audit Committee. December 19 is the annual presentation to the JBC. We anticipate some discussion around the Lobato ruling's (k-12 funding) budget impact for higher ed in FY13. Chairman Spaanstra and the President attended the CCHE Higher Ed summit meeting to look at their four master planning goals. Trustee Dorgan stated that the statistics presented at the summit show CO as very efficient. President Scoggins noted that the charts also show issues with the pipeline to higher ed, with a number of students never completing high school and many students unprepared for college, so that a portion of higher education funding is going to remediation. Data presented was from CCHE and the National Center for Higher Education Management Systems (NCHEMS). Chairman Spaanstra encouraged trustees to look at the presentation- we will send the website link or PDF for review. The Trustees agreed that the "pipeline" to higher education is complex and that there is no quick fix, but they would like to continue exploring and discussing this subject.

Research Activities Report: _____ V.P. for Research and Technology Transfer Dr. Poate stated that there are currently a number of proposals under review, particularly from CEE, CBE, Geophysics, MME, and Physics- all departments with strong reputations. There is also activity from Petroleum Engineering for fracking and carbon sequestration. National Science Foundation is the main source of federal funding, with room for growth in industry funding. Dr. Poate suggested that in addition to Mines' current research agenda of energy and environment, we could explore the possibility of bioscience or bioengineering as new research streams.

Faculty received a number of awards recently including Dr. Wu in Chemical Eng. (hydrates), Dr. Boelker in Chemistry (superoxide), Dr. Higgins in CEE (remediation of mines), and Kowalski, Gardner, and Kowalski in Physics (for STEM teaching). The Tech Transfer proof of concept fund (startups funding) received 25 faculty submissions, evidence of the further development of entrepreneurial culture at Mines. The first awards will be made early in the spring semester. Dr. Poate noted that the CSM Geology Museum has received significant donations recently and is the second most-visited Geology museum in the U.S. (Harvard is most visited).

Financial Report: _____ Senior V.P. of Finance and Administration Joe Trubacz reported that little has changed since the last board meeting, with total assets up \$7 million, liabilities down \$23 million, and still projecting \$3 million in revenue over expenditures. Numbers may change after January enrollment census.

C. Action Items

Approval of Graduation Lists: _____ Provost Parker recommended awarding degrees to candidates at Commencement on December 16, 2011. Moved to approval by Trustee Misra, seconded by Trustee Cowart. Motion carried 5-0.

Emeritus Recommendation: _____ Provost Parker recommended Emeritus Status for retiring Professor Gary R. Olhoeft from Geophysics. Moved to approve by Trustee Vallejo, seconded by Trustee Truly. Motion carried 5-0.

Approval of Sexual Harassment Policy: _____ General Council Anne Walker proposed a change in policy and procedure that, in addition to content changes, would separate these subjects into two different documents (a policy document and a procedure document) for two different groups: 1) faculty, staff, and third party vendors/contractors, and 2) students. The Board of Trustees adopted the original Sexual Harassment policy (which included procedure) in 1992 and has since amended the policy 3-4 times, with the last time in 2003. The changes proposed today result from new regulations from Office of Civil Rights (OCR) as well as the addition of timelines as recommended by OCR as a result of a complaint and subsequent investigation earlier this year. Also reflected is language developed to address violence and sexual assault on campus as well as clearer definitions of sexual violence and retaliation (per OCR and federal law).

Trustee Vallejo pointed out that discrimination was not addressed and Ms. Walker agreed that discrimination—as defined by federal law- race, religion, protected classes— should be a separate policy per Federal directive. Trustee Vallejo asked if the Board has a calendar for standard review of policies (about 15 policies determined at the Board of Trustees level). No calendar currently exists, but one will be developed and proposed to the Board at the next meeting. Moved to approval by Trustee Vallejo, seconded by Trustee Cowart. Motion carried 5-0.

D. Information Items

External Auditor Report: _____ Mr. Trubacz reported that the Legislative Audit Committee met last Tuesday and approved the report, which is now a public document. It was a clean audit opinion, with Mines showing no material weakness and two significant deficiencies. The Board of Trustees Audit Committee was satisfied with the report.

Career Center Annual Report: _____ Ron Brummet, Director of Student Services, provided an overview of data collected by the Career Center *via* electronic checkout required for graduation. 3,100 students attended the Fall recruiting fair with 178 recruiting organizations in attendance, ranging from traditional engineering and technology-focused organizations to bakeries and cheese makers. To drive outcomes (defined as employment or graduate school acceptance), the Career Center offers a mix of virtual career

fairs, Skype interviews, and traditional on-site career fairs, as well as outreach to faculty to help students write resumes and prep for interviews.

Outcomes for undergrads are up to 90% (85% last year) and salary is slightly over \$64K. 24% of graduating class is going on to grad school (up slightly from last year). Masters outcomes are 94%, PhD outcome (employment) is 100%.

Admissions and Financial Aid Strategies: _____ Ms. Boyd reviewed Mines admissions strategy and sources of financial aid, focusing on undergraduates (mainly freshman, not transfer or international students).

Initial marketing contacts start in the high school sophomore year using lists purchased from ACT and PSAT. From there, the students receive multiple points of contact. Mines contracts with a direct marketing firm to help with communications and application submittal. At any one time, there are 200,000 prospective students in the pipeline. By the senior year, we have 50,000 students we are actively recruiting. We send them an application, encourage them to visit or come to a formal recruiting function. 99% of these applicants (called the "Golden Scholars") apply online with no app fee (general, non-targeted students pay an application fee) with a 30 day decision, and they'll be in the earliest pool of scholarship applicants. We establish our admitted students early- in late December. Many schools wait until March/April.

Lots of recruitment travel in the fall- metro Denver, Texas, Oklahoma, Illinois, Indiana. Many of these programs have corporate sponsors and allow networking with alumni.

We recently added an admissions counselor who focuses on women, minorities, and STEM development, with the goal of increasing the non-resident population, diversity, and quality of students. Good results in Texas and California, surrounding states. Seeing increase from Washington, Indiana, Minnesota, Illinois. Focused communications help. Faculty Trustee Dorgan asked if recruiters received specific feedback from women. Yes, they express an interest in biology and studying for careers where they can "make a difference." We're limited to pipeline... currently about 10% of women high school graduates are interested in fields offered by Mines and meet the minimum qualifications (using un-weighted GPAs).

The Financial Aid model used by Mines plays a significant role in recruiting and enrollment and awards students for high achievement. Model falls into five categories: institutional (from tuition revenue- merit scholarships, grants, athletic), foundation (named scholarships for entire college career- to date we have swapped out \$1 million from institutional), outside scholarships (\$2.5 million from Gates, Daniels, local business, etc.), state, and federal (Pell, Ed Opp, ACG (discontinued), SMART grant (discontinued)). We yield 20% of admitted freshmen through a discounted tuition model. Freshman awarding model is very merit driven. Students with an expected contribution of \$6-12K range have the most difficulty- very needy students are well taken care of, but students just above the Pell level struggle. When financial aid is distributed goals are to allow current students to continue as well as recruit new students.

Faculty Senate Update: Senate President Dr. Anthony Dean reported that the Senate approved the degree candidates. The Faculty Senate is working on a number of items, including continuing to work with Student Life over excused student absences for involvement in activities, with plans to adopt an online system. The Graduate Student Values and Responsibilities document was discussed and endorsed by the Graduate Council and the Senate. The Senate provided names to the administration for the Associate Provost search and for additional members of the Conflict of Interest Committee. The student government representative suggested expanding evaluations of faculty to include one early in the term as well as the current late term evaluation. This proposal was well received by the Senate, and they requested ASCSM to submit a formal proposal. The Graduate Student Association (GSA) is planning a conference on earth and energy research March 28-29, 2012. The GSA "safety net" grants (in partnership with Alumni Assoc) were awarded to 6 students. President Scoggins noted that GSA had organized a successful mini symposium on rare earth elements last month, which featured a leading Japanese researcher for the keynote speaker, GSA speakers, with 130 students (inc. out of state) attending.

E. Regular Written Reports No questions or discussion

III. Executive Session

Trustee Misra made a motion, seconded by Vallejo, to go into executive session at 11:30a.m. to receive legal advice pursuant to §24-6-402 (3)(a)(II), C.R.S. Motion carried 5-0.

There being no other business, the regular meeting adjourned at 11:20am.

Secretary, Board of Trustees