

## **RECORD OF PROCEEDINGS**

Colorado School of Mines  
Golden, Colorado  
January 28, 2011

The Board of Trustees met in regular session on January 28, 2011 in the Coors Board Room.

Present: Trustees Bliss, Cowart, Hutson, Spaanstra, Truly and Vallejo; Student Trustee Bristow. Absent: Trustee Misra and Faculty Trustee Dorgan.

Also in attendance: President Scoggins, Provost Parker, Senior Vice Presidents Volpi and Middleton, Vice Presidents Fox and Poate, Interim Vice President Neidt, and other staff and visitors.

Regular Session. The Trustees convened in regular session at 9:15 a.m.

Election of Officers. Trustee Hutson made a motion, seconded by Trustee Truly, nominating Trustee Spaanstra to serve as Chairman of the Board for a two year term expiring December 31, 2012. Motion carried.

Trustee Bliss made a motion, seconded by Trustee Cowart, nominating Trustee Truly to serve as Vice Chairman of the Board for a two year term expiring December 31, 2012. Motion carried.

Trustee Spaanstra made a motion, seconded by Trustee Bliss, nominating Trustee Cowart to serve as Secretary of the Board and Ms. Kirsten Volpi to serve as Treasurer of the Board for two year terms expiring December 31, 2012. Motion carried.

Trustee Spaanstra thanked outgoing Board Chairman, Trustee Roger Hutson, for his outstanding service as Chairman. Trustee Cowart made a motion, seconded by Trustee Bliss, recognizing Trustee Hutson for his dedication and leadership. Motion carried.

Approval of Minutes. Trustee Hutson made a motion, seconded by Trustee Truly, to approve the minutes of the December 16, 2010 regular meeting as submitted. Motion carried.

Chairman's Report. Trustee Spaanstra commented that he is honored to have been elected to serve as Chairman of the Board, and that he considers his service on the Mines Board of Trustees to be the most important activity in which he is engaged.

Board Committee and Board Liaison Reports. Trustee Cowart reported that Trustee Vallejo has joined the Finance and Audit Committee, in place of Trustee Spaanstra. Trustee Cowart reported that the Finance and Audit Committee met on January 17, 2011 to review the financial statements. The School is on track to end the current fiscal year with at least a \$7M surplus, which is important given the concerns with the level of state funding in FY12. The Finance and Audit Committee also reviewed the energy performance project, which is on the agenda later in the meeting.

Trustee Spaanstra reported on the work of the Strategy Committee and indicated that Trustee Bliss will take over the role of chairman of this committee. The committee is currently working on a draft list of issues related to the Mines commercialization model, which they hope to share with President Scoggins for his input shortly.

Trustee Truly reported that Trustee Bliss will attend the April 8, 2011 Foundation Board of Governors meeting on his behalf. Trustee Bliss will report back to the Board at its May meeting.

President's Report. President Scoggins gave an update on the current status of the discussions regarding the state's budget for next year. He indicated that Chief of Staff Peter Han is monitoring legislative issues that could impact the School and that he will keep the Board informed on those issues.

President Scoggins reported on the Rocky Mountain Athletic Conference (RMAC); Mines was a founding member of the RMAC. One of the other members, the University of Nebraska-Kearney, has decided to withdraw from the conference in order to move to the Mid-America Intercollegiate Athletics Association. Discussions are currently in progress regarding potential replacements and the possibility of expanding the conference. President Scoggins will keep the Board informed regarding these discussions.

President Scoggins provided an update on the planning for a fundraising campaign. The briefing and assessment phase, which involves interviewing key stakeholders, is progressing. A report on the findings of this process will be made to the Foundation Board of Governors at their April 8, 2011 meeting.

President Scoggins asked Senior Vice President Volpi to provide an update on campus construction activities. Ms. Volpi reported that the Brown Hall addition and new Residence Hall construction projects are on time and on budget. A contractor has been selected for the Marquez Hall construction project, and a design and build contractor has been chosen for the Weaver Tower renovation project.

President Scoggins asked Ms. Heather Boyd, Director of Enrollment Management, to give an update on undergraduate enrollment numbers for the spring semester. Ms. Boyd reported that 85 new students enrolled this spring, most of whom were transfer students in their third semester or higher.

President Scoggins asked Dr. Tom Boyd, Associate Provost and Dean of Graduate Studies to give an update on graduate enrollment for the spring. Dr. Boyd reported that there was an increase of 119 students over last spring, for a total of 1184 graduate students. Dr. Boyd indicated that he expects enrollments for fall 2011 to be strong, based on the number of applications that have already been received.

President Scoggins asked Student Trustee Bristow to give a student government update. Student Trustee Bristow congratulated Trustee Spaanstra on his election as Chair. He also indicated that student government is in the preliminary planning stages for Legislative Day; they are considering a focus on Jefferson County and Golden. Student Trustee Bristow also remarked on the work of the Graduate Students Association (GSA) in organizing the Research Fair.

Research Activities. Vice President Poate provided an update on research activities for November 2010 and reported that research awards are on track with last year. Dr. Poate highlighted four significant awards that were received in November by Professors Moskal and Skokan; Professor Snieder; Professors Wu and Kazemi; and Professor Neeves. Dr. Poate also reported on a recent campus visit by representatives of the Department of Energy's Ames Laboratory, which is managed by Iowa State University. The Ames Laboratory is a world leader in the synthesis, analysis and engineering of rare-earth metals and their alloys. Give Mines' expertise in the upstream area of rare-earth metals, there would be significant advantages to developing research partnerships with the Ames Laboratory.

Financial Report. Senior Vice President Volpi reviewed the unaudited *Statement of Net Assets, Operating Statement of Revenue and Expenses (Budget vs. Actual)*, and *Statement of Cash Flows* for the period ending December 31, 2010. Ms. Volpi reported that the Operating Statement of Revenue and Expenses includes the current unrestricted forecast that was set after the first quarter and is a reflection of where we anticipate the School to end the fiscal year. The forecast reflects a net revenue after expenses of \$7.35M, the majority of which will be added to the School's overall reserves. The forecast will be re-set prior to the next Board meeting and will be shared with the Board at that meeting. Given strong tuition revenues, it is anticipated that this forecast will meet or exceed the current forecast of a \$7.35M surplus.

Energy Performance Project. Senior Vice President Volpi reported on Energy Savings Performance Contracting (ESPC), which enables public entities to finance infrastructure improvements over a long term (up to 8 – 20 years), and allows the energy savings generated from these improvements to be used to make the bond or lease payments. Mines has been working with a state-approved contractor to conduct an initial audit to identify potential projects. A total project scope of \$6.3 million was initially identified but was scaled back to \$2.6M, after applying all applicable Xcel rebates. The \$2.6M scope will include a series of lighting retrofits and controls, water conservation, and mechanical retrofit projects. We anticipate these projects to generate an annual guaranteed cost savings of over \$300K, resulting in an anticipated simple payback period of 8.4 years. The projects can be financed with low-interest Qualified Energy Conservation Bonds, with the debt service to be fully paid for by the energy savings. The

financing for these bonds will be brought to the Finance and Audit Committee for review prior to or at the next board meeting. Upon approval by the full Board, project construction can begin in April 2011. Trustee Truly commented that he was very familiar with the energy savings performance contracting program and was very supportive of these efforts.

Honorary Awards. Trustee Cowart made a motion, seconded by Trustee Bliss, to approve the following honorary awards:

Marcia K. McNutt – honorary Doctor of Engineering  
E. Dendy Sloan – Brown Medal  
Annette Loch Bunge – Brown Medal  
Hoy Frakes – Distinguished Achievement Medal  
Hugh E. Harvey, Jr. – Distinguished Achievement Medal  
David Zanatell – Distinguished Achievement Medal  
Samuel B. Romberger – Mines Medal

Motion carried.

Assessment and Accreditation Overview. President Scoggins remarked that Mines will be going through the accreditation process again soon, so he requested that Dr. Thomas Boyd, Associate Provost and Dean of Graduate Studies, give the Board an overview of the accreditation and assessment programs at Mines.

Dr. Boyd acknowledged the assistance of Dr. Wendy Harrison, Associate Provost and Dean of Undergraduate Studies and Faculty, and Ms. Tricia Douthit-Paulson, Director of Institutional Research, in preparing this presentation. Dr. Boyd reported that Colorado School of Mines is accredited on an institutional level by the Higher Learning Commission. Additionally, nine undergraduate programs are accredited through ABET, and the chemistry degree programs are accredited through the American Chemical Society. The School's institutional accreditation through the Higher Learning Commission is on a ten year cycle; the School is currently accredited through 2012. The ABET accredited programs are on a six year cycle; these programs are also currently accredited through 2012. Dr. Boyd reviewed the HLC and ABET accreditation processes and timelines, and gave an overview of the ongoing assessment activities that are critical to the accreditation process. Dr. Boyd also outlined the Board's role in assuring program quality and proposed a schedule for keeping the Board informed of the upcoming institutional and program accreditation processes.

The Trustees discussed the importance of the accreditation process and expressed its interest in receiving these regular updates, as well as its interest in receiving more detailed information at the academic department level. Trustee Cowart made a motion, seconded by Trustee Vallejo, to endorse the following next step recommendations as presented by Dr. Boyd:

*Annually: Trefny Institute Director provides the Board with a written summary of University Assessment Committee evaluation of annual assessment plans;*

Spring 2012 through Spring 2013: Academic Affairs provides the Board a written summary of ongoing HLC and ABET activities;

Spring 2013: Provide the Board the ABET and HLC findings and responses to findings;

Fall 2013: Provide the Board the final ABET and HLC accreditation decisions;

Fall 2013: Academic Affairs gives the Board a verbal report on the ABET and HLC accreditation decisions and processes.

Motion carried.

Conflict of Interest Policy Review. At its October 29, 2010 meeting, the Board adopted a Conflict of Interest Policy which requires an annual review at the first meeting of each calendar year. The Trustees reviewed and endorsed the policy.

Environmental Health and Safety Program Overview. Senior Vice President Volpi gave an overview on the work of the Environmental Health and Safety Department, highlighting activities in the following areas: chemical procurement, storage and distribution; chemical waste management; chemical safety and waste training; tracking of laboratory managers and emergency information; laboratory safety; wastewater pretreatment program; asbestos management; real property evaluation; radiation safety; campus emergency equipment; fire systems safety; chemical spill response; recycling hazardous and non-hazardous materials; construction design and planning support; environmental investigation and remediation; and inactive mine sites.

The Trustees inquired about broader campus emergency response plans for a major incident/disaster that fell outside the scope of the environmental health and safety program. President Scoggins reported that there is a comprehensive emergency response plan in place, coordinated through the campus Public Safety office, and that the system is tested twice each year.

Faculty Senate Report. Professor Mark Eberhart, Faculty Senate President, reported on the work of the Faculty Senate and indicated that the Senate wants to foster more interaction with the Board of Trustees.

Regular Written Reports. There were no questions on the regular written reports.

Executive Session. Trustee Truly made a motion, seconded by Trustee Hutson, to go into executive session at 10:50 a.m. to discuss a personnel matter, pursuant to CRS § 24-6-402 (3) (b) (I).

Regular Session. The Trustees reconvened in regular session at 11:25 a.m. There being no further business, the meeting adjourned.

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Secretary