

RECORD OF PROCEEDINGS

Golden, Colorado
January 11, 1985

The Board of Trustees met in regular session on January 11, 1985, at 9:00 a.m.

Trustees present: Messrs. Coors, Henderson, Pascoe, Schwartzberg, Wilson, Wood, and Ms. Lebsock.

Absent: Mr. Warren.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins and Scott, Deans Gentry and Romberger, Prof. Rex Bull, faculty representative, Mr. Dick Ross of the Colorado Commission on Higher Education, other staff members, and visitors.

Mr. Schwartzberg presided. He apologized for his inability to attend the December 14 Board meeting and the Mid-Year Degree Convocation on that day.

Previous Minutes. The minutes of the meeting held on December 14, 1984 were approved as distributed.

Mr. Henderson entered the meeting at this time.

New Faculty Appointments. Dr. Golden reviewed the monthly report as follows:

New Appointments.

Gordon W. Day Adjunct Professor of Physics.	No compensation
Michael Edesess Adjunct Assistant Professor of Mineral Economics	\$1,500 for the spring semester of the 1984- 85 academic year
Bridget Taylor Instructor in Physics	\$10,000 for the spring semester of the 1984- 85 academic year

Continuation of Appointments.

Henry A. Babcock Adjunct Professor of Engineering	\$6,000 for the spring semester of the 1984- 85 academic year
Michael E. Lord Visiting Associate Professor of Mathematics	\$15,890 for the spring semester of the 1984- 85 academic year
Silver C. Miller Instructor in Engineering	\$10,500 for the spring semester of the 1984- 85 academic year

RECORD OF PROCEEDINGS

2

Jerome G. Morse Adjunct Professor of Environmental Sciences and Engineering Ecology	\$1,000 for the spring semester of the 1984- 85 academic year
Poh Hua Ng Instructor in Physics	\$10,000 for the spring semester of the 1984- 85 academic year
George W. Pring Adjunct Professor of Environmental Sciences and Engineering Ecology	\$5,000 for the spring semester of the 1984- 85 academic year

Salary Supplements.

P. James LeAnderson Assistant Professor of Geology	\$2,500 plus benefits from January 1, 1985 through August 31, 1985
L. Graham Closs Associate Professor of Geology	\$3,000 plus benefits from January 1, 1985 through August 31, 1985

Resignation.

George B. Clark
Professor of Mining Engineering

Admissions. Mr. Young reviewed the Admissions Report dated January 4, 1985.

Mr. Pascoe entered the meeting at this time.

Discussion ensued concerning the utilization of alumni in other parts of the country for recruiting purposes.

Financial. Mr. Scott reviewed reports on Current Funds Revenues, Expenditures and Other Changes; Auxiliary and Self-Funded Activities; and Time Deposits and Investments. It is his belief that we are operating within the reduced revenues projected for the 1985 fiscal year.

Spending Policy for CSMF Endowed Funds. Mr. Scott reviewed four possible policies outlined in his memorandum of January 9, 1985. Mr. Robbins informed the Board that his staff has completed an extensive analysis on what is done at other schools, and policy (compromise) number two is what is recommended by him and his staff.

The Board unanimously approved adoption of compromise number two, which reads as follows:

Amount Available to Fund Manager

January 11, 1985

RECORD OF PROCEEDINGS

3

Seven percent of a three year moving average of the endowment and quasi-endowment. This percentage to be determined annually by the Board of Trustees.

New Tax Sheltered Options. Mr. Scott reviewed memorandum dated November 30, 1984, from David Fletcher, chairman of the personnel committee, regarding Valic Inc., a firm which supplies tax shelter annuity options to higher education institutions. The committee has determined that Valic has a product which is compatible with the School and wishes to have Valic make a presentation to the faculty about its programs. The committee is requesting Board approval to have Valic make such a presentation.

The Board unanimously approved the request.

Easement for Telephone Cable. Mr. Scott informed the Board that the telephone company has located buried cable on Mines property, under an agreement executed in March 1972. That agreement expired in 1982. The company is requesting renewal of the agreement and an amendment to account for the actual path of the cable as buried. No additional land is required.

The Board unanimously authorized President Ansell to execute, if appropriate, the revised easement when prepared in final form.

New Research Awards. Dr. Romberger reviewed the list of New ORS Awards for December 1984.

Ellickson Matter. Mr. Scott requested that the Board authorize the Attorney General's office to take whatever steps are necessary to enforce CSM's right under the deed to Mr. Lyle Ellickson, noting that by letter of November 26, 1984, Mr. Ellickson had again requested that the Board reconsider its decision.

The Board unanimously agreed to incorporate letter dated January 3, 1985, addressed to Mrs. Betty Mae and Mr. Lyle L. Ellickson and signed by Mr. Schwartzberg, into these minutes. The letter reads as follows:

Mrs. Betty Mae Ellickson
Mr. Lyle L. Ellickson
1990 Union
Lakewood, Colorado 80215

Dear Mr. and Mrs. Ellickson:

This letter is to acknowledge receipt of your letter of November 26, 1984.

However, the decision of the Board of Trustees remains unchanged. We demand you fulfill your contractual obligation.

Sincerely,

/s/ Fred R. Schwartzberg,
President
Colorado School of Mines
Board of Trustees

January 11, 1985

RECORD OF PROCEEDINGS

4

cc: President George S. Ansell
Charles Kaiser, A.G. Office
Gordon Scott

Report on Institute for Energy Resources Studies.
Dr. Harry Kent, Director of the Institute, presented slides describing the structure and objectives of the Institute. Extensive discussion ensued, following which Mr. Schwartzberg thanked Dr. Kent for his presentation.

ASCSM Request. President Ansell informed the Board that the Associated Students of the Colorado School of Mines propose that no more than \$3337.20 be approved by the Board, from ASCSM's year-to-year fund, for the acquisition of two Xerox typewriters for student use.

The Board agreed to release the money, but asked that the students consider other alternatives with regard to the kind of equipment to be purchased.

The Board unanimously agreed to defer the matter to President Ansell.

Honorary Degree for Inauguration Speaker. The Board unanimously agreed to award an honorary degree to Mr. Erich Bloch, Director of the National Science Foundation, when he delivers his speech at the inauguration ceremonies on February 8.

Starting Time for February 8 Board Meeting. The Board unanimously agreed to start the February 8 Board meeting at 8:00 a.m.

The meeting was adjourned at 10:35 a.m., and the Board went into executive session.


Secretary

January 11, 1985

RECORD OF PROCEEDINGS

Golden, Colorado
February 8, 1985

The Board of Trustees met in regular session on February 8, 1985, at 8:00 a.m.

Trustees present: Messrs. Coors, Henderson, Pascoe, Schwartzberg, Warren, Wilson, Wood, and Ms. Lebsock.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins and Scott, Deans Gentry and Romberger, Prof. Rex Bull, faculty representative, Ms. Debra Wiley of the Colorado Commission on Higher Education, other staff members, and visitors.

Mr. Schwartzberg presided.

Previous Minutes. The minutes of the meeting held on January 11, 1985 were approved as distributed.

New Faculty Appointments. Dr. Golden reviewed the monthly report as follows:

New Appointments.

Mario Carrillo Assistant Professor of Military Science	
Stan A. David Adjunct Professor of Metallurgical Engineering	Employed for spring semester. No compensation.
George V. Frisk Adjunct Professor of Geophysics	Employed for period February 1 through February 28, 1985. No compensation.
John B. Kirk Assistant Professor of Military Science	
Charles S. Nichols Professor of Military Science	
Bruce R. Palmer Adjunct Professor of Metallurgical Engineering	Employed for spring semester. No compensation.
Saad Saleh Instructor in Engineering	\$10,500 for the spring semester
David Stickler Adjunct Professor of Mathematics	Employed for period March 1 through April 30, 1985. No compensation.

RECORD OF PROCEEDINGS

2

Reappointments.

Jaime Guzman Adjunct Assistant Professor of Mineral Economics	\$11,500 for the spring semester
Hossein Kazemi Adjunct Associate Professor of Petroleum Engineering	\$3,400 for the spring semester
O. B. Sholders Adjunct Associate Professor of Engineering	\$15,500 for the spring semester

Mr. Pascoe entered the meeting at this time.

Enrollment. Mr. Spaulding presented slides reflecting enrollment statistics for the Spring 1984-85 semester. Comparable final statistics for the Spring 1983-84, Spring 1982-83 and Spring 1981-82 semesters were also presented. He discussed the decrease in enrollment and answered questions.

Mr. Schwartzberg thanked Mr. Spaulding for his report.

Admissions. Mr. Young reviewed the Admissions Report dated February 1, 1985, and his memorandum dated February 6, 1985, regarding women and ethnic minority applicants. He answered questions and informed the Board that the count of women and ethnic minority students will be reported on a bimonthly basis through August.

Mr. Wilson entered the meeting at this time.

Financial. Mr. Scott reviewed reports on Current Funds Revenues, Expenditures and Other Changes; Auxiliary and Self-Funded Activities; and Time Deposits and Investments. It is his belief that we are operating within the reduced revenues projected for the 1985 fiscal year.

Mr. Scott also reviewed memorandum dated February 1, 1985 from Mr. Ingels concerning the status of the 1984-85 budget.

President Ansell stated that, in view of the present budget situation, he is recommending that the classified work force be restored to 100% effort effective March 1, 1985. He is also recommending that the faculty raises be implemented as follows: The 1984-85 contracts will be adjusted by the proposed increases effective one-third of the way into the contract year. The increase awarded for the period from the effective date through February 28, 1985 will be paid with the February paycheck. The balance of the increase will be paid over the remaining pay periods appropriate to the terms of the

February 8, 1985

RECORD OF PROCEEDINGS

3

individual contract. The issue of awarding the remainder of the faculty increase dollars for 1984-85 will be revisited in June when the budget picture is clear. This action will result in approximately a \$100,000 reserve to partially protect the institution from unforeseen budget problems.

The Board unanimously approved the recommendations.

New Research Awards. Dr. Romberger reviewed the list of New ORS Awards for January 1985.

Legislative Report. Dr. Nyikos informed the Board that there will be a luncheon with the Joint Budget Committee on February 20 and a luncheon with the House Education Committee on February 28.

Dr. Nyikos announced that Legislators' Day is scheduled for February 26 on the campus.

Dr. Nyikos informed the Board that the House Education Committee has scheduled hearings on the so-called Schauer Bill for February 13, 20, and 27. Discussion ensued concerning this pending Bill.

Facilities Master Plan. Mr. Scott introduced Mr. Wes Horner of Hellmuth, Obata & Kassabaum, P.C., Architects and Planners. He informed the Board that the Master Plan consists of four volumes entitled Space Inventory, Building Reports, Workbook, and Summary Report.

The Board unanimously approved the Facilities Master Plan as submitted.

Stratton Hall Program Plan. Dr. Golden reviewed the Stratton Hall Program Plan prepared by Barker-Rinker-Seacat & Partners, Architects, P.C. He informed the Board that the Departments of Mathematics and Humanities & Social Sciences will ultimately be housed in Stratton Hall. He recommended approval of the Plan.

The Board unanimously approved the Stratton Hall Program Plan.

The meeting was adjourned at 8:55 a.m., and the Board went into executive session.


Secretary

February 8, 1985

RECORD OF PROCEEDINGS

Golden, Colorado
March 8, 1985

The Board of Trustees met in regular session on March 8, 1985, at 9:00 a.m.

Trustees present: Messrs. Coors, Henderson, Pascoe, Schwartzberg, Warren, Wilson, Wood, and Ms. Lebsock.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins and Scott, Deans Gentry and Romberger, Prof. Rex Bull, faculty representatives, other staff members, and visitors.

Mr. Schwartzberg presided.

Mr. Schwartzberg thanked President Ansell and Dr. Nyikos for their efforts with regard to House Bill 1187.

Previous Minutes. The minutes of the meeting held on February 8, 1985 were approved as distributed.

New Faculty Appointments. Dr. Golden reviewed the monthly report as follows:

New Appointments.

Milton Blander Adjunct Professor of Metallurgical Engineering	No compensation for the 1984-85 spring semester
K. J. (Jay) Pillai Instructor in Metallurgical Engineering	\$2,600 for the 1984-85 spring semester
Sally E. Susnowitz Part-time Instructor in Humanities and Social Sciences	\$2,500 for the 1984-85 spring semester
Freyr Thorarinsson Part-time Instructor in Geophysics	\$350 for the 1984-85 spring semester
Thomas R. Watson Part-time Instructor in Humanities and Social Sciences	\$2,500 for the 1984-85 spring semester

Continuation of Appointments

Nancy K. Barnard Part-time Instructor in Humanities and Social Sciences	\$1,875 for the 1984-85 spring semester
Stephanie M. Berg Part-time Instructor in Humanities and Social Sciences	\$3,750 for the 1984-85 spring semester
R. Theodore Hurr Adjunct Professor of Geology	\$3,580 for the 1984-85 spring semester

RECORD OF PROCEEDINGS

2

Thomas J. McInerney \$2,500 for the 1984-85
Adjunct Associate spring semester
Professor of Humanities and
Social Sciences

Norman Wilson \$5,000 for the 1984-85
Visiting Assistant spring semester
Professor of Humanities and
Social Sciences

Salary Supplement

Gregory Holden \$4,000 plus \$840
Associate Professor of benefits for the
Geology 1984-85 spring semester

Change in Appointment

Leonard A. Kalal \$1,707 additional
Associate Professor and salary
Assistant Head of Humanities
and Social Sciences

John A. Cordes \$44,900 for the 1984-85
Associate Professor and academic year
Head of Mineral Economics

Registrar's Report and Admissions Report. Mr. Spaulding reviewed, in detail, the Registrar's Report for Spring 1984-85.

Ms. Debra Von Barga, Associate Director of Admissions, reviewed the Admissions Report dated March 1, 1985. She discussed the Mines Medal of Achievement for high school students, and stated that alumni in various parts of the country have been asked to contact accepted students.

Mr. Schwartzberg thanked Ms. Von Barga for her report.

Financial. Mr. Scott reviewed reports on Current Funds Revenues, Expenditures and Other Changes; Auxiliary and Self-Funded Activities; and Time Deposits and Investments. It is his belief that we are operating within the reduced revenues projected for the 1985 fiscal year.

President Ansell and Mr. Scott discussed the anticipated purchase of software for the accounting system. President Ansell informed the Board that we are not prepared to make a hardware recommendation at this time.

Approval of Berthoud Program Plan. Dr. Golden reviewed the plan. He said that once the building is renovated and brought up to code, it will house the Geology Department and the staff for the Honors Program. Mr. Scott pointed out that this is our number one capital construction request.

Steinhauer Field House Program Plan. Mr. Scott informed the Board that the expected cost of the renovation is \$455,000 less than the capital construction request. Berthoud Hall has an expected cost of \$547,000 greater than the capital construction request. He proposed that the Board approve the

March 8, 1985

RECORD OF PROCEEDINGS

3

Steinhauer Program Plan at the level of the current estimate and that the Berthoud Hall Program Plan be approved at a level which appears to be attainable following negotiations with CCHE and the JBC. It is expected that \$455,000 can be moved from the Field House project to the Berthoud Hall project, but that it may be difficult to gain agreement for the full \$547,000 needed.

Mr. Allison, Athletic Director, commented that we can increase usage by 200% with the installation of the new floor in the field house.

The Board unanimously approved the program plans for both Berthoud Hall and Steinhauer Field House.

Authorization of VALIC as a TSA Carrier. Mr. Scott reminded the Board that on February 8, it approved, on a conditional basis, the addition of the Variable Annuity Life Insurance Company (VALIC) for the purpose of providing tax-sheltered annuities to employees. During the month of February, VALIC secured six preliminary contracts with CSM employees.

Mr. Scott recommends that the Board authorize VALIC as a TSA for the Colorado School of Mines and authorize the execution of a contract.

The Board unanimously approved the above motion.

Request for CSMF Support to CSM. Dr. Golden informed the Board that in order to make budget plans for the 1985-86 academic year, it is important that we know the level of Foundation support that we can expect for the coming year. The CSMF Board meets on March 14 1985 and again in May. He recommended that we request support in the amount of \$600,000 plus \$45,000 for Legislative Services. A copy of Dr. Golden's memorandum, dated March 4, 1985, is appended hereto.

Mr. Pascoe suggested that in June we try to schedule a joint meeting with the CSM and the CSMF Boards and jointly review the financial resources of the Foundation. He also wants to ensure that the Foundation Board is well informed regarding the needs of the School.

It was the consensus of the Board to schedule a joint meeting on campus on June 14, 1985.

The Board unanimously approved requesting the level of support reflected in Dr. Golden's memorandum dated March 4, 1985 from the Colorado School of Mines Foundation for the 1985-86 academic year.

New Research Awards. Mr. Shalek reviewed the list of New ORS Awards for February 1985.

Request for Approval to Establish M.S. and Ph.D. Degree Programs in Materials Science. Dr. Schowengerdt reviewed the proposal and discussed the program description, the curriculum description, program faculty and administration, program rationale, relationships with other parties, enrollment projections, cost description/source of funds summary, capital facilities requirements, and capital outlay. Dr. Schowengerdt also discussed the outreach aspects of the programs.

March 8, 1985

RECORD OF PROCEEDINGS

4

The Board unanimously approved the request to establish M.S. and Ph.D. Degree Programs in Materials Science.

Mr. Henderson complimented Dr. Schowengerdt and other faculty members for their work on the proposal.

Legislative Report. Dr. Nyikos reported on House Bill 1187. The Bill was passed out of the House Education Committee and was amended. The amended version leaves the CSM Board intact as are the Regents, the Board of Agriculture and the Board of UNC. The amended Bill as it came out of Committee is acceptable to CSM. He will keep the Board informed regarding this Bill.

Dr. Nyikos said that the capital requests have been advanced to the Joint Budget Committee. Berthoud Hall and Steinhauer Field House are number one and number two, respectively, on the request list.

Dr. Nyikos discussed the supplemental request. The Joint Budget Committee intends to reallocate funds that were returned to the state last year.

Faculty Evaluation and Development Committee Report. Dr. Steve Daniel, a member of the Committee, introduced Committee members Graham Closs, John Cordes, Bill Eckley, David Matlock, Frank Schowengerdt, and John Golden, who chaired the Committee. Annette Bunge, who is also a member of the Committee, could not be present. Dr. Daniel informed the Board that the Committee has met weekly since October. Members have reported at departmental staff meetings and on several occasions to the Department Heads. He stated that the purpose of the written report of the Committee dated February 26, 1985 is to report, in summary fashion, the progress of the Committee to the faculty as a whole and to invite feedback. This report was also distributed to the Board.

Dr. Daniel reviewed the issues on which consensus has been reached and changes implemented on a trial basis, issues on which consensus has been reached and changes not yet implemented, tenure and promotion. He also reviewed the issues still under discussion, which are research faculty and faculty development. He referred the Board to the Faculty Evaluation Worksheet attached to the report.

Mr. Schwartzberg thanked Dr. Daniel for his presentation and for the work performed by the Committee.

The meeting was adjourned at 11:40 a.m., and the Board went into executive session.


Secretary

March 8, 1985

RECORD OF PROCEEDINGS

Golden, Colorado
April 12, 1985

The Board of Trustees met in regular session on April 12, 1985, at 9:00 a.m.

Trustees present: Messrs. Coors, Henderson, Pascoe, Schwartzberg, Warren, Wilson, Wood, and Ms. Lebsock.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins and Scott, Dean Romberger, Prof. Rex Bull, faculty representative, other staff members, and visitors.

Mr. Schwartzberg presided.

Previous Minutes. The minutes of the meeting held on March 8, 1985 were approved as amended.

New Faculty Appointments. Dr. Golden reviewed the monthly report as follows:

New Appointments.

Ronald E. Knoshaug Part-time Instructor in Geophysics	\$1,600 per month
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Thomas Siewert Adjunct Professor of Metallurgical Engineering	No salary
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Reappointments.

Paul Burgardt Adjunct Professor of Metallurgical Engineering	No salary
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Joanne Greenberg Adjunct Assistant Professor of Humanities & Social Sciences	\$2,500 for the spring semester
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Patrick Taylor Visiting Professor of Metallurgical Engineering	\$2,000 per month for the spring semester
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Appointment.

James W. Martin Associate Professor of Engineering and Head of that Department	\$45,300 effective January 1, 1985
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Resignation.

Lynde O. Gilliam Assistant Professor of Mineral Economics	Dr. Gilliam has resigned effective at the end of the current academic year
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RECORD OF PROCEEDINGS

2

Appointment of Dr. John E. Tilton. Dr. Golden asked for Board approval of the appointment of Dr. John E. Tilton as the Coulter Professor of Mineral Economics at a salary of \$57,500 for the period August 21, 1985 to May 3, 1986.

The appointment of Dr. Tilton was unanimously approved by the Board.

Leave of Absence for William A. Mattingly. Dr. Golden reviewed his memorandum of March 15, 1985 to President Ansell recommending approval of Dr. Mattingly's request for a sabbatical leave for the 1985-86 academic year. Dr. Golden reviewed Dr. Mattingly's plans for the leave period.

The Board unanimously approved Dr. Mattingly's request for a sabbatical leave for the 1985-86 academic year at one-half pay.

Admissions. Mr. Young reviewed the Admissions Report dated April 3, 1985 and the number of women and ethnic minority students who have applied for the 1985 fall semester. Mr. Young also reviewed the monthly financial aid report dated April 5, 1985 and responded to questions.

Financial. Mr. Scott reviewed reports on Current Funds Revenues, Expenditures and Other Changes; Auxiliary and Self-Funded Activities; and Time Deposits and Investments. It is his belief that we are operating within the reduced revenues projected for the 1985 fiscal year. He informed the Board that the Publications Department situation is being carefully monitored.

Endowment Payout Rate. Mr. Robbins recommended approval of a seven percent payout rate of the prior three years' average principle balance. The amount available for spending is \$610,000.

The Board unanimously approved the recommendation.

Request for Increase in Student Fees. Gehrig S. Schultz, Treasurer of Associated Students, presented the request to the Board. He believes that the Student Activities Fee should be raised to \$16.25 from the current fee of \$12.50 because the quality and diversity of the Student Activities Program is endangered by dropping fee-based income and rising costs. The increased fee will generate total income of about \$64,000 in 1985-86 and anticipates funding needs for total student population of 2500.

Mr. Schultz reviewed the financial outlook, current programs and management of ASCSM's funds. He stated that adequate funding and measures to improve management and allocation of funds will provide a diverse, high quality Student Activities Program.

The Board unanimously approved the recommendation that the Student Activities Fee should be raised to \$16.25 from the current fee of \$12.50.

Mr. Schwartzberg thanked Mr. Schultz for his report.

April 12, 1985

RECORD OF PROCEEDINGS

3

New Research Awards. Dr. Romberger reviewed the New ORS Awards as of March 28, 1985.

Cooperative Education/Placement Report. Mrs. Susan Mitchell, Director of Cooperative Education and Placement, reviewed Colorado School of Mines recruiting information and employment statistics. She discussed workshops which have been held for students who are seeking jobs and talked about marketing trends.

Mrs. Mitchell called the Board's attention to the status report of the CSM-Cherry Creek School District #5 Student Internship Program which was previously distributed to the Board.

Mr. Schwartzberg thanked Mrs. Mitchell for her report.

Transfer of U.S.G.S. Soils Laboratory to CSM. President Ansell informed the Board that he had signed a Memorandum of Understanding between the Engineering Department of the Colorado School of Mines and the United States Geological Survey. The Memorandum of Understanding concerns the relocation of the U.S. Geological Survey geotechnical testing facility from its present location at the Denver West Office Park to the Brown Building on the CSM campus, and the operation of the laboratory on the campus of the CSM. He reviewed the Memorandum of Understanding in detail and responded to questions.

Prospector Park. Mr. Kaiser of the Attorney General's Office, in response to questioning by Mr. Schwartzberg, informed the Board that Mr. Ellickson has filed a number of motions delaying the proceedings. Mr. Kaiser will keep the Board informed as the matter progresses.

The meeting was adjourned at 10:35 a.m., and the Board went into executive session.



Secretary

April 12, 1985

RECORD OF PROCEEDINGS

Golden, Colorado
May 3, 1985

The Board of Trustees met in regular session on May 3, 1985, at 2:00 p.m. in the Onyx Room of the Brown Palace Hotel.

Trustees present: Messrs. Coors, Henderson, Pascoe, Schwartzberg, Warren, Wilson, Wood, and Ms. Lebsock.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins, and Scott, Deans Gentry and Romberger, Prof. Rex Bull, faculty representative, Mr. Dick Ross of the Colorado Commission on Higher Education, other staff members, and visitors.

Mr. Schwartzberg presided.

Mr. Schwartzberg introduced Ms. Heidi Linch, the newly-elected student representative to the Board of Trustees. Ms. Linch will take office at the forthcoming July Board meeting.

Previous Minutes. The minutes of the meeting held on April 12, 1985 were approved as distributed.

New Faculty Appointments. Dr. Golden reviewed the monthly report as follows:

Leave of Absence

Gunther U. Holzer

Assistant Professor of
Chemistry and Geo-
chemistry

Dr. Holzer will be on leave without pay for the 1985-86 academic year.

William A. Mattingly

Associate Professor of
Humanities & Social
Sciences

Dr. Mattingly will be on leave at half pay for the 1985-86 academic year.

Transitional

Leonard A. Kalal

Professor of Humanities
& Social Sciences

Dr. Kalal will be transitional beginning with the 1985-86 academic year.

Resignation

Joan N. Brooks

Assistant Professor of
Engineering

Ms. Brooks' resignation is effective at the end of the 1984-85 academic year.

RECORD OF PROCEEDINGS

2

Admissions. Mr. Young reviewed the Admissions Report dated May 1, 1985. He distributed New Student Financial Aid Applications report cumulative ending May 2, 1985.

New Research Awards. Dr. Romberger reviewed New ORS Awards for April 1985.

Candidates for Degrees. Distribution was made of lists of candidates for degrees as recommended by the regular and graduate faculties.

Upon motion made, seconded and unanimously passed, the candidates whose names appear on the lists appended hereto were approved for degrees on the dates specified, subject to the completion of all academic requirements and continued compliance with school requirements and regulations.

Extended Campus. Dr. Janice Hepworth informed the Board that development of the CSM Offcampus Outreach Program for credit and noncredit course offerings has led to an effort to establish a branch campus in Southeast Denver beginning in the fall of 1985. She stated that the Denver Tech. Center business park is being explored as a possible site.

President Ansell informed the Board that, in addition to the Denver Tech Center business park, alternate sites for the Offcampus Outreach Program will be explored. He does not believe that the present plan will succeed financially.

Honorary Degrees. President Ansell recommended approval of the awarding of Honorary Degrees to Mr. Charles Gates and Dr. Morris Cohen at the May 1985 Commencement.

It was moved, seconded and passed to award the Honorary Degrees to Mr. Gates and Dr. Cohen.

Pingree Park Report. President Ansell reminded the Board that the annual meeting will be held July 18-21 at the conference site at Pingree Park, which is owned and operated by Colorado State University. It is a rustic retreat site, and there are not many recreational facilities. Secondly, he believes that the activities available, i.e. walking and hiking, will encourage talking among the participants.

President Ansell stated that the plan is to have the sessions on Friday, Saturday and Sunday mornings, leaving the afternoons free. The Board meeting will be held on Friday afternoon. The evenings will also be free. He believes that it is unnecessary to bring formal clothing. He understands that the accommodations are comfortable and that the food is good.

President Ansell discussed the list of invitees and stated that the purpose of the conference is to bring the administration, the Department Heads and the Trustees into the planning process. The Institutional Goals Committee has been meeting since last November discussing the goals and mission of the School and the strategy for reaching these goals. The discussions at the conference will start off with goals and mission and move on to specifics. It is not our intention to complete the planning process for the School. President Ansell

May 3, 1985

RECORD OF PROCEEDINGS

3

plans to describe the process at the Faculty Conference prior to the opening of school.

President Ansell informed the Board that he does not want to have a highly structured conference. He has been acting as moderator for the Committee and it is his intention to play that role at the conference. In the fall he will appoint a small group to write a planning document. A draft of that document will be circulated and discussed, and will end up as a plan for the School.

President Ansell believes that the Board's participation is critical because it sets policy for the School. He said that the Board will receive information regarding the program in advance.

Legislative Report. Dr. Nyikos reported that HB 1187 has advanced to the Governor. The Long Bill is in House caucus and there should not be any changes with regard to appropriations to Mines.

President Ansell informed the Board that Berthoud Hall is in the Long Bill. As soon as our Facilities Master Plan is approved by the Colorado Commission on Higher Education we can go forward with Berthoud and Stratton Halls. The Facilities Master Plan is on the June CCHE agenda.

President Ansell informed the Board that we have been directed by the State Audit Committee to correct our ADP situation. He has been discussing this matter with Senator Noble.

President Ansell discussed the income for the year and stated that we intend to complete the faculty raises.

President Ansell said that HB 1187 gives the CCHE significant power. It can review programs, revisit role and mission, and can set admission standards.

The meeting was adjourned at 3:30 p.m., and the Board went into executive session.

Sabbatical Request. Following Dr. Golden's report on tenure, change in rank, nonrenewals and Prof. Maynard Slaughter's request for sabbatical in executive session, the Board returned to open session and unanimously approved Prof. Maynard's request for sabbatical for a full academic year at one-half pay. Prof. Slaughter teaches in the Department of Chemistry and Geochemistry.

Museum Report. Following Mr. Scott's report on the status of the Museum situation in executive session, the Board went into open session and unanimously granted President Ansell the power to file any actions necessary to seek any information that he needs, and stated that President Ansell may take any other steps that he feels are necessary to legally protect the School's interests.

May 3, 1985

May 3, 1985.


Secretary

CLASS OF 1985
GRADUATING SENIORS
May 4, 1985

BACHELOR OF SCIENCE
(Mining Engineering)

Thomas Carl Anderson
Mark Edward Barton
Stephen Burkett Batman
Louis Lester Callahan, III
Bruce Eric Carlson
William Morgan Cline
Guillermo Gaviria
William Glenn Hill
Jeffrey Ronald Hugh
Michael Alan Jahnke
Lee Peter Johnson
Michael Paul Kozak
Karl Edward Kuchta
Curtis Leon Lightle
Shelley Nemanic
Robert Heiji Okuno
Kevin William Sur
Craig Wesley Rautiola
Pedro Pablo Vera

BACHELOR OF SCIENCE
(Metallurgical Engineering)

Miles Daniel Brittain
Robert J. Colligan
Glen Michael Gallo
Jay Scott Gomer
John Scott Jolly
William J. Jurata, Jr.
William Alan Anthony Lean
Pablo Antonio Lira
Robert Sawyer McCann
Theron Christopher McLaren
James H. Newlan
Glenn Hardie Ogg
Jeffrey William Sewell
Erik David Seymour
William Troy Tack
Stephen Vincent Tracy
Omar Wayne Wilson, III
Deborah Lynn Yopps

BACHELOR OF SCIENCE
(Geological Engineering)

Jordy Zan Adamson, Jr.
Robert Lloyd Bates
Michelle Anne Bell
John Frederick Calkins
Catherine A. Clark
William Thomas Donadio
Howard Bruce Dunn
Michael Jon Freehling
Richard Edward Gaber, Jr.
Matthew Dean Gray
Erik Edward Hansen
Caren Colette Williams Johannes
Robert William Johannes
Bryan Kent Lees
Craig Michael Lis
Gina Marie Morrison
Gordon Edward Pierce
William James Pretsch
Clara Irene Putzig
James Leonard Russ
*Steven Howard Sanders
Kevin Alan Shaffer
David Eric Swenson
Richard Spinner Tallman
Anne Frances Vigil
Erica Leith Walker
Kelly Sue Williams
Petko Arthur Zlatev
Lukas Zurcher

BACHELOR OF SCIENCE
(Petroleum Engineering)

John William Arsenault
Steve Bruce Beckley
James Pierre Bemelen
Haakon Johan Bjorum
Brian Roy Bristol
Mark LaMont Buckland
David Leonard Burrell
John Thomas Campbell

CLASS OF 1985
GRADUATING SENIORS
May 4, 1985

BACHELOR OF SCIENCE
(Petroleum Engineering) Continued

Lanai Elaine Canale
Cynthia Lee Carey
Jeffrey Scott Castor
Robert William Chivvis
Scott Randall Clark
Charles Mitchell Cox
Matthew Wells Dahan
Scott Robert Wayne Dailey
Katherine Dannelle Daniels
Kenneth Ray Dickerson
Brian Edward Donovan
Elizabeth Anne Droboniku
William Michael Jay Feldman
Timothy Ray Fix
Anders Flotra
Brian Clifford Forbes
Roger Alan Freize, II
William Allen Gilbert
Daniel Stephan Gralla
Carla Ann Grano
R K Hancock, III
Christian Edward Hansen
John David Harkrider
Melanie Bizal Haughton
Tyler Paul Hoovler
David Francis Hopp
George Francis Hunsaker
Paul James Jankowski
William Andrew Johnson
Lonnie Allen Kerley
Scott Gray King
Elizabeth Lynn Lake
Carl Eric Lakey
Paul Vincent Lantero
Jeffrey Mitchell Leveen
Javier Luengo
Donald L. Mackenzie
Douglas Joseph Mackenzie
Glen John Mizenko
Steven Daniel Nash
Paul J. Pennington
Clayton Stanley Plucheck
Mark Overington Reid

BACHELOR OF SCIENCE
(Petroleum Engineering) Continued

Marcus Roland Robinson
David E. Rothers
Kenneth D. C. Rowlison
Kevin Ray Schuebel
Theodore Robert Shillig
Brian Joseph Smith
Brick Smith
Stephen Paul Smith
Steven Lee Stegeman
Gregory David Thomas
John Charles Wells
Wendell E. White
Gregory Dean Wilson
Robert Edgar Wood
Bruce Owen Young
David Lee Young
Stephen A. Zannoni
James George Zubal

BACHELOR OF SCIENCE
(Chemical & Petroleum-Refining Engineering)

Jeffrey Raymond Anderson
Thomas Allan Barr
Jeff Victor Bialek
Charles William Box
Brian Thomas Boyd
Trent Scott Brown
Grant Matthew Burchell
Joseph G. Ceurvorst
William Russell Connell, III
Anthony Joseph Coryell
William Simon Curtin
Martin Alan Davis
Scott Alan Deckebach
Thomas J. Dinger
Glenn Evan Emery
James Patrick Flahive
John William Flanigan
David Michael Fulton
Gregory David Gordon
James L. Harris

CLASS OF 1985
GRADUATING SENIORS
May 4, 1985

BACHELOR OF SCIENCE (Continued)
(Chemical & Petroleum-Refining Engineering)

Mary Jo Hesli
Ronald Raymond Hubenthal
Douglas Edgar Huxley
Eric DeVerne Jacobsen
Roy Alan Kemp
James Alan Kohlburn
Cheryl Ann Lebsock
Cheryl Danette Little
Michelle Joeline Marceny
Kelly Thomas McCarthy
Michael Norman Mears
Riley Stuart Moore
Robert Eugene Moore
Crisse Andrea Nelson
Carol Ann Ondrusek
Lori Ann Pedersen
Phillip Mark Poettmann
Michael Scott Quiring
Yvette Suzanne Robinet
Michael Jay Rosenberg
Karl Andrew Rydjord
Franklin Carl Settle
Scot Colin Shaeffer
Thomas William Stark
Neil Wesley Strain
Patricia Lee Vickers
Dee Ann Wikstrom

BACHELOR OF SCIENCE
(Geophysical Engineering)

*Joseph H. Bangs
Margaret Anthony Bierbaum
Clark Turner Capes
Bradley John Clark
Susan Denise Connolly
Sig Erik Demos
James Robert DeValois
David Joseph Edrich
John Theodore Etgen
James Harry Funk
Susan Marie Giczewski

BACHELOR OF SCIENCE
(Geophysical Engineering) Continued

Melinda Mae Gulden
Michael Lee Gurch
James Thomas Hruby
Daniel Christopher Johnson
Russell Aaron Kappius
Thomas Eric Kertes
Donald F. Kidd, II
John Anthony Lambuth
Timothy John Maes
Charlene A. Martin
Ann Mattson
Mary Catherine Meagher
*Jeffrey Alan Meredith
Flavio Montecinos
John Paul Paolucci
Gregg Patrick Rago
David Clare Rampton
Stephen Barry Reich
Joseph Michael Robida
Joseph Raymond Scarlett
Linda Sue Siemon
John Alexander Smulders
Theodore Dixon Stroud
James Myron Thorson
John Todd Walker
Rocky Ray Warren
Stephen David Whitham
Robert F. Woods
Kristin Diane Zembec

PROFESSIONAL DEGREE
(Geophysical Engineer)

Scott Evan Godfrey

*Double Degree

CLASS OF 1985
GRADUATING SENIORS
June 15, 1985

BACHELOR OF SCIENCE
(Mining Engineering)

Andrew Joseph Papp, Jr.

BACHELOR OF SCIENCE
(Chemical & Petroleum-Refining Engineering)

Larry Eldon Arnold
Warren Allen Bauer
Richard Lee Chavez
Scott Ellis Erwin
Beth Lynn Gallington
Jan Marie Hornecker
Cynthia Marie Joyce
Mark Evan Kravetz
Anne Colleen Lovell
Tawnya J. Muhic
Mark Louis Peak
Robin Marie Sandell
Thomas Robert Stahr
Peter James Storch
Gerald Winston Tripp, II

BACHELOR OF SCIENCE
(Geophysical Engineering)

Michael Gene Hill
William David Leeds
Mark Alan Van Schaack

BACHELOR OF SCIENCE
(Mineral Engineering Chemistry)

Sharon Kay Swaving

BACHELOR OF SCIENCE
(Engineering Physics)

Travis Matthew Eiles
David Edward Knopp

CLASS OF 1985
GRADUATING SENIORS
August 10, 1985

BACHELOR OF SCIENCE
(Mining Engineering)

Colin M. Matheson

BACHELOR OF SCIENCE
(Metallurgical Engineering)

Mark Shaw Bassett

BACHELOR OF SCIENCE
(Geological Engineering)

William David Armstead
Michael Van Strain

BACHELOR OF SCIENCE
(Petroleum Engineering)

Patrick Francis Holland
David Christopher Witaschek

BACHELOR OF SCIENCE
(Chemical & Petroleum-Refining Engineering)

Sherry Renee Dionese

BACHELOR OF SCIENCE
(Geophysical Engineering)

Kimberly Elizabeth Bessinger
Timothy Michael Deignan
Michael F. Fry
Carl James Geodinghaus
John Maurice Hoff
Douglas Alan McConnell
Erin Louise Melani

BACHELOR OF SCIENCE
(Mineral Engineering Chemistry)

Adrienne L. Brady
Jay Dean Menardi

BACHELOR OF SCIENCE
(Mineral Engineering Mathematics)

Gary Lee Pratt

BACHELOR OF SCIENCE
(Engineering Physics)

Yoongab Lee

BACHELOR OF SCIENCE
(Engineering)

Scott Eric Johnson

**CLASS OF 1985
GRADUATING SENIORS
August 17, 1985**

**BACHELOR OF SCIENCE
(Petroleum Engineering)**

**Joseph Franklin Eazor
Kevin Keith Elliott
Guillermo Mario Grossi
Mark Thomas Hudoff
David Scott Kilburn
Louise Marie Kurth
Greg Dem Moore
Teresa Jean Muhic
John Francis Mummery, Jr.
John Marvin Paneitz
Andrew Larkin Prestridge
James Lee Ramsey
Robert Andrew Spee
Steven J. Wysocki**

CLASS OF 1985
GRADUATING SENIORS
May 4, 1985

BACHELOR OF SCIENCE
(Mineral Engineering Chemistry)

Kenton Jay Alexander
Kevin Arnold Andersen
Stephen Arthur Erickson
Linda Kaye Pratt
John Richard Schwappach

BACHELOR OF SCIENCE
(Mineral Engineering Mathematics)

Robert Bruce Affleck
Robert Earle Bates, Jr.
Mark Charles Engel
Sophie Adelaide Magnier
*Jeffrey Alan Meredith
Terrienne Miketa
Harlan Deon Murphy
Michael Lee Torline
George Howard Wayne, Jr.
James Brian Whitfield
Ann Laurine Wright

BACHELOR OF SCIENCE
(Engineering Physics)

Jeffery Eugene Bills
Eric Bennett Gardner
Paul David Hale
Timothy Dwayne Hobbs
William Earl Moyer
Rachel Wyndham Obbard
Douglas Russell Roberts
Kenneth Scott Rukstales
Peter Robert Guerzenich Small

BACHELOR OF SCIENCE
(Engineering)

Richard Gene Allen
*Joseph H. Bangs
Mark Francis Bishop
Jeffrey Rice Blackwell
Daniel Steven Girvan
Todd Douglas Hackett
Gary William Huber
Lawrence Michael Kersting
Mitchell James Kruse
Lonnie Brett Locke
Ihab Abder Raouf Lutfi
William Andrew McDonnell
Robin Lee McIntosh, Jr.
Mark Anthony Montoya
Gordon William Paterson
Michael Dennis Ribarich
Gail Kathryn Roberts
Steven Rudolph Rock
*Steven Howard Sanders
Troy Martin Sniff
Jeffrey Paul Styers
Tad Michael Wheeler
Gary Lee Young

4/04/85

MASTER OF ENGINEERING

MASTER OF SCIENCE

MAY 1985

Mining Engineering Department
Dr. Robert H. King,
Acting Department Head

Master of Engineering
(Engineer of Mines)

Jose A. Ascencio

Joseph Dean Cooper

Francois Antoine Eugene Muths Cardenas Lima, Peru

Metallurgical Engineering Department
Dr. William D. Copeland,
Department Head

Master of Engineering
(Metallurgical Engineer)

Jacques Gerthoffer

Versailles, France

Master of Science
(Metallurgy)

Brian A.Cheney

Leechburg, Pennsylvania

Master of Science
(Metallurgical Engineering)

James Kirk Brownlee

Houston, Texas

Randall J. Fortin

Manteno, Illinois

Douglas Hayduk

Grand Junction, Colorado

Kenneth Ross Hayes

Ridgecrest, California

Mark C. Nordin

Ann Arbor, Michigan

Lonnie Lowell Scull

Englewood, Colorado

Geology Department
Dr. Joseph J. Finney,
Department Head

Master of Engineering
(Geological Engineer)

Paul Victor Rosasco

Lakewood, Colorado

Master of Science
(Geology)

Scott Andrew Bowman

Kalamazoo, Michigan

Rebecca Ashley Dorward

Denver, Colorado

Brian C. Martinek

Port Huron, Michigan

Catherine Marie Ponsot

Dijon, France

Steven M. Smith

Golden, Colorado

Gregg Kevin Spencer

Eugene, Oregon

Clay R. Sullivan

Truckee, California

Katherine McCarville Weber

Laramie, Wyoming

Petroleum Engineering Department
Dr. Craig W. Van Kirk,
Department Head

Master of Engineering
(Petroleum Engineer)

Scott Alexander Digert

Boulder, Colorado

Shawket G. Ghedan

Baghdad, Iraq

Master of Science
(Petroleum Engineering)

Ibrahim Metin Mihcakan

Turkey

Chemical and Petroleum-Refining
Engineering Department
Dr. Arthur J. Kidnay,
Department Head

Master of Science
(Chemical and Petroleum-Refining Engineering)

R. Scott Baird	Boulder, Colorado
Simon Gonzales, Jr.	Pueblo, Colorado
Gregory Alan Graham	Gainesville, Florida
John Michael Persichetti	Morrison, Colorado
K. David Pinkerton	Aurora, Colorado
Michael James Robinson	Wheat Ridge, Colorado
Robert W. Torget	Denver, Colorado

Geophysics Department
Dr. Phillip R. Romig,
Department Head

Master of Engineering
(Geophysical Engineer)

James Campbell Graham	Ottawa, Ontario, Canada
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Master of Science
(Geophysics)

Joseph Willis Boardman	Dubois, Wyoming
Paul Christopher Docherty	Middlesbrough, England
Susan Diane Keller	Golden, Colorado
Ibrahim Palaz	Istanbul, Turkey
Debra Hays Phillips	Golden, Colorado
Phebe Thain Sherrod	Golden, Colorado
Anthony Albin Sirtautas	Denver, Colorado
Paul Brann Violette	Waterville, Maine

Master of Science
(Geophysics) continued

Colin Huntington Wagoner

Seattle, Washington

Wang Xiaomu

Chengdu City, China

Hewapalatuwege Kamala Weerasinghe

Colombo, Sri Lanka

Mark C. Williams

Miami, Florida

Mark Thomas Winter

Denver, Colorado

Mathematics Department
Dr. Ardel J. Boes,
Department Head

Master of Science
(Mathematics)

Isabelle Leroux

Ecommoy, Sarthe, France

Fred Seymour

Boulder, Colorado

Physics Department
Dr. Franklin Schowengerdt,
Department Head

Master of Science
(Physics)

David Mitchell Cole

Denver, Colorado

Mineral Economics Department
Dr. John A. Cordes,
Department Head

Master of Science
(Mineral Economics)

Thomas Henry Albracht

Sioux City, Iowa

Gonzalo Garcia-Huidobro

Santiago, Chili

Christian J. Jensen

Englewood, Colorado

Jerry Alan Kyckelhahn

Golden, Colorado

James Austin Russell

Westminster, Colorado

Steven L. Van Drew

Salem, Oregon

DOCTOR OF PHILOSOPHY

Metallurgical Engineering Department
Dr. William D. Copeland,
Department Head

Doctor of Philosophy
(Metallurgy)

Rizal C. Astrawinata

Bandung, Indonesia

John R. Roper

Denver, Colorado

Doctor of Philosophy
(Metallurgical Engineering)

K. J. Pillai

Madras, India

Geology Department
Dr. Joseph J. Finney,
Department Head

Doctor of Philosophy
(Geology)

Robert A. Horton, Jr.

Chesterland, Ohio

Petroleum Engineering Department
Dr. Craig W. Van Kirk,
Department Head

Doctor of Philosophy
(Petroleum Engineering)

John Dumont Wright

Steamboat Springs, Colorado

Geophysics Department
Dr. Phillip R. Romig,
Department Head

Doctor of Philosophy
(Geophysics)

Shih-Yeng Kuo

Taipei, Taiwan
Republic of China

Carlos Mendoza

Milwaukee, Wisconsin

Chemistry and Geochemistry Department
Dr. George H. Kennedy,
Department Head

Doctor of Philosophy
(Applied Chemistry)

Ali Mohagheghi

Tehran, Iran

Mineral Economics Department
Dr. John A. Cordes,
Department Head

Doctor of Philosophy
(Mineral Economics)

Robert Craig Murphy

Perry, Oklahoma

Thomas Strenger Proehl

Golden, Colorado

Dennis Tenney

Boulder, Colorado

RECORD OF PROCEEDINGS

Golden, Colorado
June 14, 1985

The Board of Trustees met in regular session on June 14, 1985, at 9:00 a.m.

Trustees present: Messrs. Henderson, Pascoe, Schwartzberg, Warren, Wilson, Wood, and Ms. Lebsock.

Trustee Designate present: Mrs. Allen.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins and Scott, Dean Romberger, Prof. Rex Bull, faculty representative, Mr. Dick Ross of the Colorado Commission on Higher Education, other staff members, and visitors.

Mr. Schwartzberg presided.

Recognition of Ms. Lebsock. Mr. Schwartzberg presented a silver Certificate of Appreciation to student Trustee Cheryl Lebsock. The Certificate reads:

In recognition of her
loyal and meritorious service as
a member of the Board of Trustees,
this certificate is presented to
CHERYL LEBSOCK
by the Board of Trustees upon the
occasion of expiration of the term
June thirtieth, One thousand nine hundred and eighty-five.

Oath of Office. Oaths of office were administered to Trustees Allen and Pascoe and were properly executed by them.

Election of Officers. The following slate of officers was nominated and unanimously elected:

President: Mr. Wood
Vice President: Mr. Pascoe
Secretary: Mr. Wilson
Assistant Secretary and Assistant
Treasurer: Mr. Schwartzberg
Treasurer: Mr. Gordon Scott

Mr. Wood presided.

Mr. Pascoe announced that Mr. Henderson is to become the new President of the CSM Foundation Board of Directors at today's joint meeting of the Foundation Board and the CSM Board of Trustees.

Previous Minutes. The minutes of the meeting held on May 3, 1985 were approved as distributed.

New Faculty Appointments and Resignations. Dr. Golden reviewed the appointment of Dr. David S. Gilliam as Visiting Associate Professor of Mathematics at the salary of \$30,000.00 for the period August 19, 1985 to May 10, 1986.

RECORD OF PROCEEDINGS

2

Dr. Golden also reviewed the resignations of Charles H. Stoyer, Assistant Professor of Geophysics, Beatrice E. Willard, Professor of Environmental Sciences and Engineering Ecology, and Nicholas P. Callas, Associate Professor of Mathematics. He also announced the resignation of Dr. Thys Johnson, Professor of Mining Engineering and Head of Department.

Dr. Nyikos introduced Mr. Nordy Jensen, newly-appointed Director of Public Relations. Mr. Jensen will receive a salary of \$42,500.00 for a twelve-month period. He assumed full responsibility on May 20.

The above appointments were ratified by the Board.

Resolution Regarding Delegation of Trustee Powers of Hiring and Firing to the President Contained in HB 1187. The Board is being asked to approve the following Resolution which was prepared by Mr. Charles F. Kaiser, Assistant Attorney General, Human Resources Section:

The trustees of the Colorado School of Mines (CSM) delegate to the president of CSM the power to hire, promote and terminate the employment of all CSM employees exempt from the state personnel system. The president may also impose such lesser sanctions upon, and otherwise set such conditions of employment of these employees as he may deem to be appropriate.

The president's authority to hire, promote and otherwise set the terms and conditions of employment shall be guided by the CSM Faculty Handbook and Affirmative Action Plan as they now exist or from time to time may be amended, and by his analysis of the qualifications of the individual under consideration for the position to be filled or for such other term or condition of employment as he may set.

The president's authority to terminate and impose sanctions upon employees shall be guided by the CSM Faculty Handbook Trustee-approved contract forms, and by his analysis of the performance of the individual affected.

This resolution shall be effective July 1, 1985 and shall remain in effect until further action by the trustees.

The Resolution was unanimously approved by the Board.

Monthly Reports. Mr. Scott informed the Board that the April reports were mailed to the Board together with the May reports for review. Mr. Scott reviewed the May reports as follows: Current Funds Revenues, Expenditures and Other Changes for the eleven months ending May 31, 1985; Auxiliary and Self-Funded Activities for the eleven months ending May 31, 1985; and Time Deposits and Investment Report, May 31, 1985. It is his belief that the School is operating within the reduced revenues projected for the 1985 fiscal year.

RECORD OF PROCEEDINGS

3

Health Insurance for Retired Faculty. Mr. Scott informed the Board that the Faculty Personnel Committee has recommended the extension of health insurance to retired faculty who are not currently covered by our plan. The provisions and limitations suggested are consistent with those adopted in the spring of 1985 for new retirees. The individuals will have to provide a certificate of insurability prior to enrollment in the program. The Board has been provided a list of faculty members who may be eligible. Mr. Scott recommends approval.

The Board unanimously approved providing health insurance for retired faculty contingent on proof of insurability.

Rates for Experimental Mine Tours. Mr. Scott informed the Board that, in the past, Experimental Mine tours have been free. Due to budget constraints the Mining Department feels there should be a charge for these tours. This request has been approved by the administration and is presented to the Board as an information item.

The rates for Experimental Mine tours are as follows:
Adults - \$2.00
Groups of ten to twenty - \$20.00 per hour
Larger groups - Appropriate pro rata based on size of group
Children under 12 - Free

Mr. Wood asked that, in the near future, Mr. Scott inform him of the number of people who go through the mine yearly.

Admissions. Mr. Young reviewed the Admissions Report dated June 1, 1985, and the report on women and ethnic minority applicants.

President Ansell expressed pleasure at the slight increase in ethnic minority enrollment, but stated that he is not pleased with the slight decrease in the number of women applicants.

New Research Awards. Dr. Romberger reviewed the new ORS awards for May 1985 and expressed the hope that the upward trend will continue.

Legislative Report. Dr. Nyikos informed the Board that HB 1187 has been signed and is now law. The new CCHE Commissioners should be appointed by July 1.

President Ansell informed the Board that the CCHE has approved our Facilities Master Plan and our Program Plan for Stratton Hall, but that it turned down our proposal for a Masters Degree in Applied Mechanics. The newly-formed Commission will not consider any new programs for several months.

Mr. Pascoe left the meeting at this time and returned during the executive session.

Dr. Nyikos stated that Mr. Ross of the CCHE has been instrumental in helping Mines to get the above plans approved.

RECORD OF PROCEEDINGS

4

President Ansell stated that he spoke to Dr. Wilson of the CCHE, and her hope is that the Commission will continue to have its meetings on the first Friday of each month, thereby avoiding a conflict with our Board meetings.

1985-86 Budget. Mr. Scott distributed 1984-85 Projected Year-End and Recommended 1985-86 Budgets. He informed the Board that the budget needs to be approved by July 1 even though the Long Bill has not yet been signed.

Mr. Scott reviewed the auxiliary and self-funded budgets and proposed tuition and fees for FY 1985-86 and proposed room and board charges for FY 1985-86.

Extensive discussion ensued following which the Board unanimously approved the Recommended 1985-86 Budget, the auxiliary and self-funded budgets, the proposed tuition and fees for FY 1985-86, and the proposed room and board charges for FY 1985-86, which documents are appended hereto.

The meeting was adjourned at 11:25 a.m., and the Board went into executive session.


Secretary

June 14, 1985

COLORADO SCHOOL OF MINES
1984-85 PROJECTED YEAR-END

June 14, 1985

	<u>STATE APPROPRIATED</u>	<u>SPONSORED RESEARCH</u>	<u>RESTRICTED (CSM & CSMF)</u>	<u>AUXILIARIES</u>	<u>TOTAL COMBINED</u>
INCOME					
Education and General General Fund	\$ 8,405,299				\$ 8,405,299
Tuition	9,886,336				9,886,336
Other Cash Incl. Roll-Forward	<u>1,884,437</u>				<u>1,884,437</u>
Sub-Total	\$20,176,072				\$20,176,072
Sponsored Programs		\$ 5,500,000	\$ 2,058,416		7,558,416
Auxiliaries				<u>\$ 5,073,412</u>	<u>5,073,412</u>
TOTAL	<u>\$20,176,072</u>	<u>\$ 5,500,000</u>	<u>\$ 2,058,416</u>	<u>\$ 5,073,412</u>	<u>\$32,807,900</u>
EXPENSE					
Education and General Resident Instruction					
-Faculty	8,315,445 194.0 FTE	1,705,000 40.3 FTE	700,000 16.4 FTE		10,720,445 250.7 FTE
-Support Staff	2,173,488 87.4 FTE	1,897,500 75.9 FTE	315,215 12.7 FTE		4,386,203 176.0 FTE
-Operating Expense	756,533	1,408,000	430,000		2,594,533
Research Development	627,745 2.5 FTE				627,745 2.5 FTE
Musuem	67,408 2.3 FTE				67,408 2.3 FTE
Administration	1,371,715 33.2 FTE		63,000		1,434,715 33.2 FTE
Student Services	900,562 29.5 FTE		100,000 2.0 FTE		1,000,562 31.5 FTE
Library Opers.&Materials	727,153 17.4 FTE		5,600		732,753 17.4 FTE
Data Processing Oper.	931,072 18.6 FTE		300		931,372 18.6 FTE
DP Equip/Micro's/Paymts	319,602		108,000		427,602
Physical Plant Operations	2,250,761 75.9 FTE				2,250,761 75.9 FTE
Utilities	1,132,232				1,132,232
Capital Outlay	104,127	489,500	180,000		773,627
Financial Aid (See Note)					
Projected Roll-Forward	<u>498,229</u>				<u>498,229</u>
Sub-Total Ed. & Gen.	\$20,176,072	\$ 5,500,000	\$ 1,902,115		\$27,578,187
Restricted (012 Fund)			142,301		142,301
Auxiliaries			<u>14,000</u>	<u>4,299,517</u>	<u>4,313,517</u>
TOTAL	<u>\$20,176,072</u> 460.8 FTE	<u>\$ 5,500,000</u> 116.2 FTE	<u>\$ 2,058,416</u> 31.1 FTE	<u>\$ 4,299,517</u>	<u>\$32,034,005</u> 608.1 FTE

NOTE: Not included above are the following amounts of student aid/loans: CSMF = \$1,702,300; State/Federal = \$1,553,078

COLORADO SCHOOL OF MINES
RECOMMENDED 1985-86 BUDGET

June 14, 1985

	<u>STATE APPROPRIATED</u>	<u>SPONSORED RESEARCH</u>	<u>RESTRICTED (CSM & CSMF)</u>	<u>AUXILIARIES</u>	<u>TOTAL COMBINED</u>
INCOME					
Education and General General Fund	\$ 9,244,246				\$ 9,244,246
Tuition	10,103,977				10,103,977
Other Cash Incl. Roll-Forward	<u>1,934,000</u>				<u>1,934,000</u>
Sub-Total	\$21,282,223				\$21,282,223
Sponsored Programs		\$ 5,800,000	\$ 2,232,562		8,032,562
Auxiliaries				<u>\$ 5,088,281</u>	<u>5,088,281</u>
TOTAL	<u>\$21,282,223</u>	<u>\$ 5,800,000</u>	<u>\$ 2,232,562</u>	<u>\$ 5,088,281</u>	<u>\$34,403,066</u>
EXPENSE					
Education and General Resident Instruction					
-Faculty	8,549,990 191.5 FTE	1,798,000 40.3 FTE	523,983 11.7 FTE		10,871,973 243.5 FTE
-Support Staff	2,149,598 81.5 FTE	2,001,000 75.9 FTE	39,160 1.5 FTE		4,189,758 158.9 FTE
-Operating Expense	521,560	1,484,800	1,059,289		3,065,649
Research Development	600,000 2.5 FTE				600,000 2.5 FTE
Museum	64,504 2.3 FTE		245		64,749 2.3 FTE
Administration	1,512,083 34.2 FTE		44,726		1,556,809 34.2 FTE
Student Services	1,015,965 31.5 FTE		28,313		1,044,278 31.5 FTE
Library Oper.&Mat'ls	764,725 17.4 FTE		35,025		799,750 17.4 FTE
Data Processing Oper.	908,775 18.6 FTE		4,960		913,735 18.6 FTE
-DP Equip/Micro's/ Payments	879,000		42,000		921,000
Physical Plant Oper.	2,354,145 76.9 FTE				2,354,145 76.9 FTE
Utilities	1,328,678				1,328,678
Capital Outlay		516,200	32,640		548,840
Financial Aid (See Note)	129,000				129,000
Enrollment Contingency	206,200				206,200
Unallocated Roll- Fwd from 84-5	298,000				298,000
Sub-Total Ed. & Gen.	<u>\$21,282,223</u>	<u>\$ 5,800,000</u>	<u>\$ 1,810,341</u>		<u>\$28,892,564</u>
Restricted (012 Fund)			374,841		374,841
Auxiliaries			<u>47,380</u>	<u>4,151,462</u>	<u>4,198,842</u>
TOTAL	<u>\$21,282,223</u> 456.4 FTE	<u>\$ 5,800,000</u> 116.2 FTE	<u>\$ 2,232,562</u> 13.2 FTE	<u>\$ 4,151,462</u>	<u>\$33,466,247</u> 585.8 FTE

NOTE: Not included above are the following amounts of student aid/loans: CSMF = \$1,203,220; State/Federal = \$1,696,545

JUNE 14, 1985

PROPOSED BUDGET SUMMARY

1962 BOND ISSUE
1966 BOND ISSUE
TWIN TOWERS
FOR FISCAL YEAR 1985-86

	<u>ESTIMATED YEAR-END</u> 84-85	<u>PROPOSED BUDGET</u> 85-86
<u>INCOME</u>		
Residence Halls	\$ 512,000	\$ 574,500
Student Center	365,000	284,076
Dining Hall	871,759	905,000
Prospector Village	234,000	254,000
Mines Park	174,384	178,200
Twin Towers	<u>390,000</u>	<u>424,750</u>
TOTAL INCOME	\$2,547,143	\$2,620,526
<u>EXPENSE</u>		
Residence Halls	322,147	255,755
Student Center	338,566	360,506
Dining Hall	763,802	751,505
Prospector Village	124,876	142,030
Mines Park	99,287	117,430
Twin Towers	<u>133,560</u>	<u>178,630</u>
TOTAL EXPENSE	\$1,782,238	\$1,805,856

*Excess Revenues shall be applied to bond indebtedness.

Debt Service for Fiscal year 1985-86 = \$652,000

Estimated Fund Balance, 6/30/85 = \$441,235

JUNE 14, 1985

PROPOSED BUDGET SUMMARY
STATE RENTAL PROPERTIES
FOR FISCAL YEAR 1985-86

<u>PROPOSED BUDGET</u>	<u>ESTIMATED YEAR-END</u>		<u>INCOME</u>	<u>EXPENSE</u>
85-86	84-85			
\$ 30,000	\$ 28,292			
19,555	1,121			

*Estimated Fund Balance, 6/30/85 = \$56,663

JUNE 14, 1985

PROPOSED BUDGET SUMMARY

HEALTH AND ACCIDENT

FOR FISCAL YEAR 1985-86

	<u>ESTIMATED YEAR-END</u>	
	84-85	
	\$ 97,000	<u>INCOME</u>
	2,150	Partial Fund Balance
	\$ 99,150	TOTAL INCOME
	99,150	<u>EXPENSE</u>
\$ 91,900		
<u>10,681</u>		
\$ 102,581		
<u>PROPOSED BUDGET</u>		
85-86		

*Estimated Fund Balance, 6/30/85 = \$127,228

JUNE 14, 1985

PROPOSED BUDGET SUMMARY
ATHLETIC ASSOCIATION
FOR FISCAL YEAR 1985-86

<u>PROPOSED BUDGET</u>	<u>ESTIMATED YEAR-END</u>	<u>INCOME</u>	<u>EXPENSE</u>
85-86	84-85	\$ 150,000	143,331
142,850		\$ 142,850	142,850

*Estimated Fund Balance, 6/30/85 = \$115,812

Note: As in the past, the above figures exclude the Administrative Allocation.

JUNE 14, 1985

PROPOSED BUDGET SUMMARY

SPONSORED RESEARCH

FOR FISCAL YEAR 1985-86

	<u>ESTIMATED YEAR-END</u> 84-85	<u>PROPOSED BUDGET</u> 85-86
<u>INCOME</u>	\$5,500,000	\$5,800,000
<u>EXPENSE</u>	\$5,500,000	\$5,800,000

Fund Balance - not applicable.

JUNE 14, 1985

PROPOSED BUDGET SUMMARY
ASSOCIATED STUDENTS
FOR FISCAL YEAR 1985-86

	<u>ESTIMATED YEAR-END</u> 84-85	<u>PROPOSED BUDGET</u> 85-86
<u>INCOME</u>	\$ 112,500	\$ 133,579
<u>EXPENSE</u>	126,800	133,579

*Estimated Fund Balance, 6/30/85 = \$8,633

Note: As in the past, the above figures exclude the Administrative Allocation.

JUNE 14, 1985

PROPOSED BUDGET SUMMARY
RESEARCH REVOLVING FUND
FOR FISCAL YEAR 1985-86

<u>INCOME</u>		<u>EXPENSE</u>
	\$ 4,692	18,427
		13,203
<u>84-85</u>		
ESTIMATED YEAR-END		
<u>85-86</u>		
PROPOSED BUDGET		
	\$ 16,537	

*Estimated Fund Balance, 6/30/85 = \$5,246

Note: As in the past, the above figures exclude the Administrative Allocation.

JUNE 14, 1985

PROPOSED BUDGET SUMMARY
SELF FUNDING ACTIVITIES
FOR FISCAL YEAR 1985-86

	<u>ESTIMATED YEAR-END</u> 84-85	<u>PROPOSED BUDGET</u> 85-86
<u>INCOME</u>	\$ 669,495	\$ 857,753
<u>EXPENSE</u>	668,315	817,010

*Estimated Fund Balance, 6/30/85 = \$13,486

JUNE 14, 1985

PROPOSED BUDGET SUMMARY
GENERAL RESTRICTED - FUND 012
FOR FISCAL YEAR 1985-86

<u>PROPOSED BUDGET</u>	<u>ESTIMATED YEAR-END</u>	<u>INCOME</u>	<u>EXPENSE</u>
85-86	84-85	\$ 182,584	142,301
\$ 243,241			374,841

*Estimated Fund Balance, 6/30/85 = \$196,090

Note: As in the past, the above figures exclude the Administrative Allocation.

JUNE 14, 1985

PROPOSED BUDGET SUMMARY
GENERAL RESTRICTED - FUND 212
FOR FISCAL YEAR 1985-86

	<u>ESTIMATED YEAR-END</u> 84-85	<u>PROPOSED BUDGET</u> 85-86
<u>INCOME</u>	\$3,618,415	\$3,060,941
<u>EXPENSE</u>	3,618,415	3,060,941

*Estimated Fund Balance, 6/30/85 = \$74,831

Note: As in the past, the above figures exclude the Administrative Allocation.

Proposed
TUITION AND FEES
FY 1985-86

<u>Tuition per Semester</u>	<u>FEES</u>		<u>TUITION</u>		
			<u>Res.</u>	<u>Nonres.</u>	<u>Other</u>
<u>Student Load</u>					
<u>Semester Hours</u>					
9.5 & over			\$1335	\$3736	
8.5 - 9.0			801	2241	
7.5 - 8.0			712	1992	
6.5 - 7.0			623	1743	
5.5 - 6.0			534	1494	
4.5 - 5.0			445	1245	
3.5 - 4.0			356	996	
2.5 - 3.0			267	747	
1.5 - 2.0			178	498	
.5 - 1.0			89	249	

Fees Per Semester

Infirmary	\$ 18.00	
Student Health Insurance *	69.00	(Optional)
Associated Students	17.00	
Athletic	20.00	
Student Center	<u>50.00</u>	
Total	\$174.00	
Orientation, New Student	\$ 3.50	

Off-Campus Outreach Tuition

\$250/cr hr

Executive Program, Mineral Economics

\$10,500

Intensive English, Fall or Spring Semester

EN 01 \$1950
EN 02 \$1170

Activity Fee	\$ 90.00
Application, New Student	25.00

Summer Session Field Courses

Tuition, 6 weeks		\$534	\$1494
Infirmary Fee, on-campus	\$ 6.00		

Geology Field Camp, Est. Fee 680.00
includes food, maps, camping fee & Brunton compass fee

Geology Graduate Field Trips

631A Economics Geology
543 Modern Sediments

Tuition

Based on cr hrs

Fees covering transportation, housing & related expenses will be based on itinerary

Summer Session Academic Courses

Tuition, same as regular semester

Infirmary Fee	\$ 11.00
Student Center Fee	25.00

Summer Intensive English Course

EN 01 \$1500
EN 02 \$1000

Tuition, 11 weeks		
Infirmary Fee	\$ 15.00	
Student Center Fee	25.00	
Summer Activity Fee	60.00	

Mandatory Accident Ins.
Mining 318, Semester \$ 5.00
Mining 318, Field Session 1.50

Deposits

Chemistry Lab \$ 15.00
Plane Surveying 50.00

Graduate Sessions

Fees are the same as for undergraduate students, with the following exceptions:

Thesis Research - Summer

Tuition, Min. 3 sem/hrs
Infirmary Fee \$ 11.00
Stu Center Fee, if on campus 25.00

Thesis Fees

The charges for the binding of theses are included in the graduation fee.

Graduation Fees

Bachelors \$ 25.00
Professional Engineers 25.00
Masters 100.00
Doctors 100.00

* Insurance also available for Summer Session only.

Proposed
ROOM AND BOARD CHARGES
FY 1985-86

<u>Academic Year</u>	PRESENT RATE PER STUDENT 1984-85	PROPOSED RATE PER STUDENT 1985-86
Residence Halls*		
Bradford, Randall, Morgan and Thomas		
Double Room	\$1440	\$1500
Single Room	1540	1600
Twin Towers		
Double Room	1680	1750
Single Room	1730	1850
Meal Plans, Academic Year*		
18-meal Plan	1350	1325
15-meal Plan	1250	1225
10-meal Plan	1175	1150
Residence Hall Activity Fee	6	10
<u>Field Session</u>		
Randall Hall Room Only		
Double Room	280	290
Single Room	305	315
<u>Summer Session</u>		
Randall Hall*		
Double Room	370	385
Single Room	400	415
Twin Towers*		
Double Room	425	N/A
Single Room	450	N/A
Meal Plans, Summer Session*		
15-Meal Plan	325	325
10-Meal Plan	305	305
<u>Prospector Village (monthly rate)</u>		
Married Student Apartments		
1-Bedroom	255	270
2-Bedroom	280	295
3-Bedroom	305	320
Furnished	Add 30	Add 30
<u>Mines Park (monthly rate)</u>		
Buffet Apartment	255 util. included	270
1-Bedroom Apartment	340 " "	360
2-Bedroom Apartment	400 " "	420
2-Bedroom House (37,38,39)	440 " exclud. water	460
2-Bedroom House (25,26,27,28)	520 " exclud. water	545
2-Bedroom House (30,31-34,35)	370 + all utilities	395
3-Bedroom House	415 + all utilities	445
3-Bedroom House (29)	475 + all utilities	505
Residents are not responsible for irrigation of yards.		

* Residence Hall students must choose one of the available meal plans.

RECORD OF PROCEEDINGS

Golden, Colorado
July 19, 1985

The Board of Trustees met in regular session at Pingree Park, Colorado, on July 19, 1985, at 1:00 p.m.

Trustees present: Mrs. Allen, Mr. Henderson, student Trustee designate Ms. Linch, Messrs. Pascoe, Schwartzberg, Warren, Wilson, and Wood.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, and Robbins, Dean Gentry, Prof. Rex Bull, faculty representative, other staff members, and visitors.

Mr. Wood presided.

Oath of Office. The oath of office was administered to student Trustee Heidi Linch and was properly executed by her.

Previous Minutes. The minutes of the meeting held on June 14, 1985 were approved as distributed.

New Faculty Appointments. Dr. Gentry reviewed the appointment of Stephan J. DeLuca as Instructor in Chemistry and Geochemistry for the academic year August 19, 1985 to May 9, 1986, at a salary of \$19,500.

Monthly Reports. Dr. Joe Weber reviewed the monthly reports as follows: Current Funds Revenues, Expenditures and Other Changes for the twelve months ending June 30, 1985; Auxiliary and Self-Funded Activities for the twelve months ending June 30, 1985; and Time Deposits and Investment Report, June 30, 1985. It is his belief that the School is operating within the reduced revenues projected for the 1985 fiscal year.

1986-87 Budget Parameters. President Ansell reviewed the 1986-87 Recommended Budget Request - Education and General. He informed the Board that he is projecting a small decrease in the head count for the coming year. He pointed out that tuition will be increased by 4.5% for residents and 8% for nonresidents. He is projecting that the general fund appropriation will be 9% and pointed out that Mines is the only college in the state that has been fully funded. He discussed the expense side of the recommended budget request, stating that he is projecting an 8% salary increase for teaching and administrative faculty.

President Ansell reviewed the remainder of the budget and discussed the buildings on campus targeted for rehabilitation. He informed the Board that we are requesting that architectural and engineering studies be started for Alderson, Hill and Coolbaugh Halls. These involve primarily life safety issues. During the renovation of Berthoud Hall, the faculty and staff will move into a wing of one of the dormitories.

The Board unanimously approved the 1986-87 budget parameters.

RECORD OF PROCEEDINGS

2

Administrative Restructuring. President Ansell informed the Board that the housing and food responsibilities have been assigned to Dr. Mike Nyikos, whose title is now Vice President for Student Affairs and External Relations. A search is currently being conducted for a new Dean of Students. This has been done for the purpose of improving relationships with the students. Saga Corp. is the new food vendor.

Admissions. Dr. Nyikos reviewed the Admissions Report dated July 17, 1985. He explained that we are guided by the Memorandum of Understanding and HB 1187 regarding standards for admitting students. He informed the Board that the minority enrollment for the incoming freshman class is five percent.

New Research Awards. Dr. Golden reviewed the New ORS awards as of June 27, 1985.

President Ansell announced that Mr. Martin Robbins has been appointed Vice President for Research.

Status Report on TI Personal Computer Program. Dr. Gentry presented status report dated July 19, 1985. He explained that the primary objective of the PC plan is to facilitate the ability of CSM students to become computer literate through enhanced integration and utilization of computer applications throughout the undergraduate curricula. The PC program plan adopted by the institution calls for a four-year start-up/acquisition period. The first year of the program plan was designed to start with the 1984-85 entering freshman class. The basic concept adopted called for additional PC acquisition and expansion of machine usage throughout the curriculum as these students progressed toward graduation. Dr. Gentry pointed out that individual department activity reports are attached to the report which was distributed to the Board.

Security Resolution. Dr. Golden informed the Board that any time that there is a change in the Board, a new security resolution needs to be approved. The following Resolution was unanimously approved by the Board:

Be it resolved by the Board of Trustees of the Colorado School of Mines that those persons occupying the following positions at the Colorado School of Mines shall be known as Managerial Group as described in the Industrial Security Manual for Safeguarding Classified Information.

George S. Ansell	President
John O. Golden	Vice President for Academic Affairs
W. Gordon Scott	Vice President for Business Affairs

That the President and the other members of the Managerial Group currently hold, have been processed, or will be processed for a personal security clearance for access to classified information to the level of the facility clearance granted to this institution as provided for in the aforementioned Industrial Security Manual.

July 19, 1985

RECORD OF PROCEEDINGS

3

That the said Managerial Group is hereby delegated all of the Board's duties and responsibilities pertaining to the protection of classified information under classified contracts of the Department of Defense or User Agencies of its Industrial Security Program awarded to the Colorado School of Mines.

That the following named officers and members of the Board of Trustees and the Colorado School of Mines administrative officers shall not require, shall not have, and can be effectively excluded from access to all positions that would enable them to affect adversely the policies and practices of the University in the performance of classified contracts for the Department of Defense or User Agencies of its Industrial Security Program, awarded to the Colorado School of Mines, and need not be processed for personnel security clearance.

Officers - CSM Trustees

Russell L. Wood 2207 Jackson Street Golden, Colorado 80401	President
Monte Pascoe Ireland, Stapleton, Pryor & Pascoe Attorneys at Law 1675 Broadway, Suite 2600 Denver, Colorado 80202	Vice President
James C. Wilson Rocky Mountain Energy Company 10 Longs Peak Drive P. O. Box 2000 Broomfield, Colorado 80020	Secretary
Fred R. Schwartzberg Rocky Mountain Materials and Technology 2050 S. Oneida Street, #116 Denver, Colorado 80224	Assistant Treasurer & Assistant Secretary

CSM Trustees

Sally Vance Allen, Gary-Williams Oil Producer, 115
Inverness Drive East, Englewood, Colorado 80112

Don K. Henderson, HBB, Inc., 777 Pearl Street,
Denver, Colorado 80203

Jasper N. Warren, Goldrus Drilling Company, 900
FCNB Building, Houston, Texas 77002

Student Representative (Student Representative to
be elected each year by the Student Body).*

*The 1984-85 Student Representative is Heidi Lynch,
3833 Paseo Del Prado, Boulder, Colorado 80301

July 19, 1985

RECORD OF PROCEEDINGS

4

CSM Administrative Officers

Michael S. Nyikos	Vice President for Student Affairs and Dean of Students
Martin D. Robbins	Vice President for Development and Executive Director of the Colorado School of Mines Foundation
Samuel B. Romberger	Dean of Graduate Studies and Research
Donald W. Gentry	Dean of Engineering and Undergraduate Studies

Legislative Report. Dr. Nyikos informed the Board that the Legislature will go into session on August 19 in order to clear up some old business and to adjourn. He stated that the Joint Budget Committee visited the campus on Wednesday, July 17, for lunch and a tour of the campus. He feels that the visit was a success.

Mr. Henderson, who represented the Board at the JBC luncheon, complimented the members of the administration on their relationship with the JBC and thanked them for their efforts.

In response to questioning by Trustee Allen, Dr. Nyikos stated that the Governor has made two nominations to the CCHE, but they have not yet been confirmed.

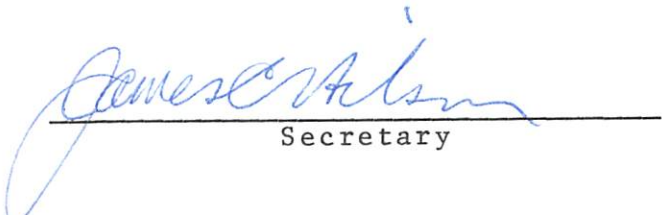
CSM Board Members Serving on CSM Foundation and CSM Alumni Association Boards. Mr. Wood announced that Messrs. Henderson, Pascoe and Schwartzberg will be serving on the Foundation Board and that Mr. Schwartzberg will be the representative to the Alumni Association Board.

The meeting was adjourned at 2:55 p.m., and the Board went into executive session.

Resolutions. Following extensive discussion in executive session regarding the Museum, the Board returned to open session and unanimously approved the following resolutions:

In the event of termination of John Shannon for cause (as an administrator), the Board granted President Ansell permission to delegate to a campus hearing committee the authority to conduct an initial hearing, subject to Trustee review, in the same manner as the hearing/appeal process which would be provided for a faculty member.

Authorization for Vice President John O. Golden to act in this matter in President Ansell's absence.


Secretary

July 19, 1985

RECORD OF PROCEEDINGS

Golden, Colorado
September 13, 1985

The Board of Trustees met in regular session on September 13, 1985, at 9:00 a.m.

Trustees present: Mrs. Allen, Mr. Henderson, Ms. Linch, Messrs. Pascoe, Schwartzberg, Warren, Wilson, and Wood.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins, and Scott, Deans Gentry and Romberger, Prof. Rex Bull, faculty representative, Ms. Debra Wiley of the Colorado Commission on Higher Education, other staff members, and visitors.

Mr. Wood presided.

Previous Minutes. The minutes of the meeting held on July 19 1985 were approved as distributed.

Announcements. Ms. Linch informed the Board that the Student/Trustee Forum has been scheduled for Thursday, November 7, 1985, at 4:00 p.m.

Ms. Linch also informed the Board that there will be a meeting between President Ansell and the students on Thursday, October 3, 1985, at 4:00 p.m.

Ms. Linch stated that the week of October 19-26, 1985 is faculty appreciation week and that schools across the country have begun programs honoring individual faculty members. She said that our students have asked if the School would be willing to share the costs of sponsoring such a program on this campus. She stated that she will prepare a proposal for presentation at the October 4 meeting.

New Faculty Appointments. Dr. Gentry reviewed new appointments to the faculty as follows:

James D. Navratil Adjunct Professor of Chemistry and Geochemistry and adviser on graduate research	No compensation for the 1985-86 academic year
David T. Wickham Part-time Instructor in Chemistry and Geochemistry	\$9,500 for the 1985-86 academic year
Ryness A. Doherty Part-time Instructor in Physics	\$10,000 for the 1985-86 academic year
Mohinder Paul Sharma Visiting Associate Professor of Physics	\$29,000 for the 1985-86 academic year
R. Michael Brown Adjunct Professor of Mineral Economics	\$2,900 for the 1985-86 academic year

RECORD OF PROCEEDINGS

2

Fred R. Glahe \$3,600 for the period
Adjunct Professor of 11/2/85 to 1/11/86
Mineral Economics

Continuation of Appointments (after interruption)

G. Mattney Cole \$3,400 for fall semester
Adjunct Assistant Professor 1985
of Chemistry and Geochemistry

Martin B. Goldhaber No compensation for the
Adjunct Professor of 1985-86 academic year
Chemistry and Geochemistry
and adviser on graduate research

James R. Herring No compensation for the
Adjunct Assistant 1985-86 academic year
Professor of Chemistry and
Geochemistry and adviser on
graduate research

Richard A. Sachleben \$21,800 for the 1985-86
Visiting Assistant academic year
Professor of Chemistry
and Geochemistry

George W. Pring \$3,900 for the 1985 fall
Adjunct Professor of semester
Environmental Sciences and
Engineering Ecology

Samuel S. Adams No compensation for the
Adjunct Professor of 1985-86 academic year
Geology

Samuel S. Goldich No compensatin for the
Adjunct Professor of 1985-86 academic year
Geology

Reuben J. Ross No compensation for the
Adjunct Professor of 1985-86 academic year
of Geology, adviser on
graduate research, and will
serve on graduate committees

Joanne Greenberg \$5,000 for the 1985-86
Adjunct Assistant academic year
Professor of Humanities
and Social Sciences

Barry Hughes \$3,500 for the 1985 fall
Adjunct Professor of semester
Humanities and Social Sciences

Nancy Angle \$27,000 for the 1985-86
Adjunct Assistant academic year
Professor of Mathematics

Marianne Czupor \$1,000 for the 1985-86
Part-time Instructor in academic year
Physical Education

September 13, 1985

RECORD OF PROCEEDINGS

4

The proposed FY 1986-87 Request and Five-Year Projection are provided as a basis for Board discussion. The items listed are consistent with the priorities in the Master Plan. The Plan can be revised annually to adjust for our appropriation experience.

Mr. Scott stated that, upon Board approval, the request goes to the Colorado Commission on Higher Education, to the Capital Development Committee headed by Senator Lee, and then it goes to the Joint Budget Committee.

The Board unanimously approved the Capital Construction Budget Request for 1986-87 and the Five-Year Projection.

Enrollment. Mr. Spaulding reviewed the preliminary fall 1985-86 enrollment statistics. He stated that the usual detailed report of final statistics will be provided prior to the October 4 meeting.

Mr. Young reviewed his memorandum concerning the characteristics of freshmen entering in fall 1985.

Latin American Center Report. Drs. Gentry and Nyikos distributed an executive summary of their Brazilian trip and informed the Board that on July 21, 1985, they left on a three-week visit to Brazil which included some 15,000 air miles and conferences at four Federal Universities, meetings with CSM alumni, Brazilian and United States government leaders, and leaders from Brazilian mineral and energy industries.

Formal documents were signed with the Rectors at the Federal University of Ouro Preto, Escola De Minas; Federal University of Maranhao; and the Federal University of Para. The fourth agreement is still under review at the Federal University of Minas Gerais. The documents provide for joint programs and research, and for exchanges of students and faculty.

Drs. Gentry and Nyikos described the different phases of their trip stating that the initial phase of the trip, spent in the state of Minas Gerais and the cities of Ouro Preto and Belo Horizonte, was under the auspices of the Partners of the Americas program in Colorado; that organization paid the air fares between Rio and Denver. Institutional resources have been invested as well. They stated that time spent in Brasilia was devoted exclusively to meetings with key Brazilian government officials, special U.S. Embassy personnel, and the director of the Fulbright Commission. These discussions centered on opportunities for joint contract research with faculty exchange and the commitment of various funding sources to support such activities. Two separate U.S. Consular officers, Dr Greentree and Dr. Bakota, pledged support and resources as well.

Drs. Gentry and Nyikos informed the Board that the several opportunities that exist both in the short term, through the university agreements now in place, and in the long term, through a possible campus-based Latin American Center for Minerals and Energy Development, are now the subject of discussion with President Ansell.

September 13, 1985

RECORD OF PROCEEDINGS

5

CCHE Program Termination and Program Review. Dr. Golden stated that the Colorado Commission on Higher Education is seeking ideas for the policies and procedures for program discontinuance. The Commission is asking for long term results of program reviews and advice concerning policies to be developed. Dr. Golden reviewed the proposed response which he had prepared and asked the Board for suggestions.

Following discussion in which some minor changes were made, Dr. Golden stated that he will send the Commission an amended version of the response.

CCHE Meeting. Mr. Schwartzberg stated that he attended the Commission meeting on September 6, 1985 and that President Ansell's convincing presentation concerning our proposed Materials Science degree was outstanding. He expressed appreciation for the support of the CCHE staff.

Admissions Standards Policy Committee. Mr. Pascoe, who is the Board representative on this Committee, discussed the meeting which he recently attended and reviewed the list of Example Principles for the Admissions Standards Project. He pointed out that he has suggested it might be well to use the categories which appear in example 7, i.e. high, selective, moderately selective, modified open, and open. He asked for discussion concerning this matter as the Committee is moving along quickly.

Mr. Young informed the Board that we are out of compliance with regard to a small percentage of freshmen and transfer students. He pointed out that we have transfer agreements with Fort Lewis College and some other institutions. He stated that it appears to be a numbers rather than a quality issue.

Prospectus. President Ansell distributed copies of the new prospectus which will be the major tool used for recruiting purposes.

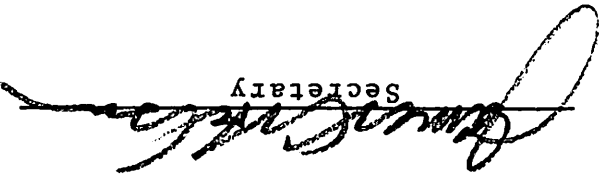
Proposed Site and Date for 1986 Trustees Conference. Nordy Jensen discussed his visit to The Aspen Lodge in Estes Park, which facility is being considered for the 1986 Trustees Conference. He said that we would be utilizing the entire facility for our Conference. The Lodge is only available from Thursday, June 26 through noon Sunday, June 29. He stated that the rate is better than it would be later in the summer, and recommended approval.

The Board unanimously approved holding the Annual Conference from June 26 through June 29 at The Aspen Lodge in Estes Park.

Personnel Matter. Following discussion in executive session, the Board returned to open session and unanimously approved the Settlement Agreement and Release signed by Dr. Jerrold J. Burnett and President Ansell, which provides for an amiable cessation of Dr. Burnett's employment as a faculty member at CSM.

September 13, 1985

September 13, 1985


Secretary

The meeting was adjourned at 11:35 a.m., and the Board went into executive session.

RECORD OF PROCEEDINGS

3

Jaime Guzman Assistant Research Professor of Mineral Economics	\$27,000 for the 1985-86 academic year
Barbara Eakley-Kleeman Counselor, Student Development Center	\$15,000 for the 1985-86 academic year

Sabbatical Report. Dr. Golden introduced Dr. Randall Stross of the Department of Humanities and Social Sciences, who was on sabbatical for the academic year 1984-85.

Dr. Stross stated that while a postdoctoral fellow at the Environment and Policy Institute of the East-West Center, Honolulu, Hawaii, he was successful in two pursuits: The writing of a book that will contribute to the literature on problems in transnational technology transfer, and the acquiring of knowledge and contacts related to contemporary energy and mineral development projects in China. Dr. Stross reviewed the background of the East-West Center Fellowship and discussed his book project.

He emphasized that his year at the East-West Center was made possible only because he received full encouragement and generous support from the administration and the Board of Trustees. He stated that he feels fortunate to be the recipient of an academic leave since at the time he had taught for only two years at the School, and fortunate also to be the recipient of a generous continuing salary that the School provided to supplement the fellowship stipend provided by the East-West Center.

Mr. Wood thanked Dr. Stross for his report.

New Research Awards. Dr. Romberger reviewed the research contract awards for July and August 1985.

Monthly Reports. Mr. Scott reviewed the monthly reports as follows: Current Funds Revenues, Expenditures and Other Changes for the twelve months ending August 31, 1985; Auxiliary and Self-Funded Activities for the twelve months ending August 31, 1985; and Time Deposits and Investment Report, August 31, 1985. It is his belief that the School is operating within the revenues projected for the 1986 fiscal year.

Mr. Scott reviewed the Preliminary 1985 Financial Statements and answered questions.

1985-86 Budget Status Report. Mr. Scott reviewed the 1985-86 budget. He informed the Board that the budget subcommittee is looking at requests for additional funding throughout the School.

Capital Construction Request and Five-Year Capital Construction Program. Mr. Scott reminded the Board that it is required annually to approve a five-year projection of capital construction projects. Such projection shall include the estimated cost, the method of funding, a schedule for project completion, and the governing board-approved priority for each project.

September 13, 1985

RECORD OF PROCEEDINGS

Golden, Colorado
October 4, 1985

The Board of Trustees met in regular session on October 4, 1985, at 9:00 a.m.

Trustees present: Mrs. Allen, Mr. Henderson, Ms. Linch, Messrs. Schwartzberg, Wilson, and Wood.

Trustees absent: Messrs. Pascoe and Warren.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins, and Scott, Deans Gentry and Romberger, Prof. Rex Bull, faculty representative, other staff members, and visitors.

Mr. Wood presided.

Previous Minutes. The minutes of the meeting held on September 13, 1985 were approved as distributed.

New Faculty Appointments. Dr. Gentry reviewed new appointments to the faculty as follows:

Dr. Thomas Flynn Adjunct Professor of Chemical Engineering and Petroleum Refining	\$3,500 for the fall semester of the 1985-85 academic year
Dr. Ronald L. Miller Assistant Research Professor of Chemical Engineering and Petroleum Refining	\$16,000 for the spring semester of the 1985-86 academic year
Mr. Ross McClure Adjunct Assistant Professor of Humanities and Social Sciences as Director of the Band	\$4,500 for the 1985-86 academic year
Dr. Barbara B. Bath Adjunct Assistant Professor of Mathematics	\$24,000 for the 1985-86 academic year
Mr. Bruce Carlson Part-time Instructor in Mining Engineering	\$2,250 for the fall semester of the 1985-86 academic year
Dr. Robert Cameron Assistant Professor of Mining Engineering	\$26,000 for the 1985-86 academic year

Continuation of Appointments (after interruption)

Ms. Candace S. Ammerman Instructor in Engineering	\$23,000 for the 1985-86 academic year
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RECORD OF PROCEEDINGS

4

Institute. Dr. Ozdemir discussed funding sources, major areas of research, current research areas, computer systems, computer applications, and future research areas. He informed the Board that the Institute is staffed by eleven full-time employees and one part-time consultant.

Discussion ensued, following which Mr. Wood thanked Dr. Ozdemir for his report.

Report on Colorado Academic Library Master Plan. Dr. Golden introduced Dr. Beverly A. Moore, Co-Chair of the Colorado Academic Library Committee, and head of the Library at the University of Southern Colorado, and Dr. Patricia Breivik, Director of the Auraria Library, who informed the Board that this plan is designed to be the model for all library sections of Colorado higher education master plans. The plan will also help set standards for service for Colorado higher education libraries. Drs. Moore and Breivik discussed the accomplishments of the past three years, the recommendations which still need attention, and suggested space guidelines.

Drs. Moore and Breivik answered questions, following which Mr. Wood thanked them for their presentation.

National Faculty Appreciation Week Proposal. Ms. Linch reminded the Board that the week of October 19-26 has been designated as National Faculty Appreciation Week. In honor of this event the Associated Students would like to sponsor a "tailgate party", in conjunction with the administration, for the CSM faculty. The event has been scheduled for October 26, at Brooks Field, prior to the Mines football game.

Ms. Linch stated that the estimated cost for this event is \$350.00, which includes food, beverages, supplies and publicity. She requested support from the Board and the administration in the amount of \$175.00.

It was moved, seconded and passed to contribute \$175.00 to the Associated Students for Faculty Appreciation Week.

CCHE Committee Reports. President Ansell informed the Board that the Admission Standards Committee has been told that Mines supports the admission standards contained in the Memorandum of Understanding.

Mr. Schwartzberg reported that the Statewide Tuition Policy Committee has met twice and its work is about completed. The institutions will continue to set tuition and fees, which must be approved by the CCHE.

Dr. Golden reported that he is a member of the Academic Council, which has been meeting regularly.

Mr. Wilson agreed to serve on the General Program Discontinuance Committee. A meeting of this Committee is scheduled for October 30. Dr. Nyikos also serves on this Committee.

Announcement. Ms. Linch informed the Board that the Student/Trustee forum is scheduled for Thursday, November 7, at 4:00 p.m.

October 4, 1985

Fred J. Schwanberg
Secretary

The meeting was adjourned at 11:15 a.m., and the Board went into executive session.

RECORD OF PROCEEDINGS

Golden, Colorado
November 8, 1985

The Board of Trustees met in regular session on November 8, 1985, at 9:00 a.m.

Trustees present: Mrs. Allen, Ms. Linch, Messrs. Pascoe, Schwartzberg and Warren.

Trustees absent: Messrs. Henderson, Wilson and Wood.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins, and Scott, Deans Gentry and Romberger, Prof. Rex Bull, faculty representative, other staff members, and visitors.

Mr. Pascoe presided.

Previous Minutes. The minutes of the meeting held on October 4, 1985 were approved as distributed.

New Faculty Appointments. Dr. Golden reviewed new appointments to the faculty as follows:

Dr. Richard C. Barth Adjunct Assistant Professor of Environmental Sciences and Engineering Ecology	\$2,550 for the fall semester of the 1985-85 academic year
Dr. Paul F. Bryan Assistant Professor of Chemical Engineering and Petroleum Refining	\$28,000 for the 1986-87 academic year
Dr. Gordon W. Day Adjunct Professor of Physics	No compensation for the 1985-86 academic year
Dr. Richard Harlan Adjunct Professor of Geology	\$2,000 for the fall semester of the 1985-86 academic year

Continuation of Appointments (after interruption)

Dr. Lawrence L. Kazmerski Adjunct Professor of Physics	\$2,400 for the 1985-86 academic year
Dr. John L. Lufkin Adjunct Associate Professor of Geology	\$2,800 for the period October 3, 1985 through December 13, 1985
Dr. Deepak Malhotra Adjunct Associate Professor of Metallurgy	\$1,250 for the 1985-86 academic year
Dr. Jay Pillai Instructor in Metallurgical Engineering	\$10,400 for the 1985-86 academic year

RECORD OF PROCEEDINGS

2

<p>Dr. Ray L. Sengbush Visiting Professor of Geophysics</p>	<p>\$49,160 for the 1985-86 academic year</p>
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Administrative

<p>Dr. Harold Cheuvront Dean of Student Affairs</p>	<p>Annual salary of \$43,000. Appointment to start in January 1986 with prorated salary of \$28,670.</p>
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<p>Ms. Gail Fallen News Information Director</p>	<p>\$24,000 annual salary Appointment will begin November 4, 1985 with prorated salary of \$20,000</p>
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Requests for Sabbatical Leave. Dr. Golden recommended that the following sabbatical requests be approved:

Robert M. Baldwin, Professor of Chemical Engineering and Petroleum Refining. Request is for the spring semester of the 1985-86 academic year at three-fourths pay for the purpose of supervising and conducting fundamental research on high-pressure pyrolysis of oil shale at CSIRO Laboratories in Sydney, Australia.

William A. Hustrulid, Professor of Mining Engineering. Request is for the 1986-87 academic year at one-half pay for the purpose of responding to the invitation from the Swedish Foundation for Technical Development to participate in the development of a long-range research and development program for the Swedish mining industry.

Mary L. Larsgaard, Maps Librarian and Assistant Director for Special Collections. Request is for the period June, July, August, 1986 at three-fourths pay for the purpose of writing one book, one lengthy article and research in preparation for another book.

Donald L. Langmuir, Professor of Chemistry and Geochemistry. Request is for the 1986-87 academic year at one-half pay for several purposes: design of expert systems in artificial intelligence for application to natural water geochemistry; geochemical modelling for research on ground water geochemistry at Otis Field, Massachusetts; studies of the kinetics of acid rain leaching of lime mortar and Portland cement; development of formal plan for exchange of expertise between staff of USGS and CSM; work on a unified theory for the formation of solid solutions of trace elements in major minerals.

Dr. John E. Warne, Professor of Geology, is currently on sabbatical leave, granted by the Board of Trustees, in November 1984 for the 1985-86 academic year at one-half pay. Dr. Warne is now requesting to have the terms changed to one semester of the 1985-86 academic year and one semester of the 1986-87 year, exact semester not yet determined. Dr. Warne is asking for this change because of new commitments he has made to the department during the period of search for a new department head.

November 8, 1985

RECORD OF PROCEEDINGS

3

The Board unanimously approved the above requests for sabbatical leave.

New Research Awards. Dr. Romberger reviewed the new research awards for October 1985, and responded to questions.

Monthly Reports. Mr. Scott reviewed the monthly reports as follows: Current Funds Revenues, Expenditures and Other Changes for the four months ending October 31, 1985; Auxiliary and Self-Funded Activities for the four months ending October 31, 1985; and Time Deposits and Investment Report, October 31, 1985. It is his belief that the School is operating within the revenues projected for the 1986 fiscal year.

1985-86 Revised Budget - Education & General. Mr. Scott reviewed the 1985-86 revised budget. Extensive discussion ensued. A copy of the revised budget is appended hereto.

Sabbatical Report. Dr. Ron Weidenhoeft, Professor of Humanities and Social Sciences presented a report on his activities during sabbatical year 1984-85. He informed the Board that the project for which he received a sabbatical leave was the transformation of his dissertation (Columbia University, 1971) into a book. This project was completed and the book published in September 1985 as Berlin's Housing Revolution: German Reform in the 1920s. He stated that he also had two other books published in September 1985: books of his photography commissioned by the Metropolitan Museum of Art in New York and the Principality of Liechtenstein. The titles are The Golden Carriage of Prince Joseph Wenzel von Liechtenstein and Liechtenstein Palaces in Vienna from the Age of the Baroque.

Dr. Weidenhoeft discussed other principal activities during his sabbatical year and expressed gratitude to the Board for the opportunity

Mr. Pascoe thanked Dr. Weidenhoeft for his report.

Admissions. Mr. Young presented a report on the recruiting process which his office has been utilizing. He also discussed the recruitment of foreign students.

Mr. Young informed the Board that he will provide a written Admissions Report at the December Board meeting.

CCHE Committee Reports. Dr. Golden discussed the Quality Incentive Program and the request for proposals for 1985-86. The objectives of the program are to promote centers of excellence, to encourage centers of excellence and to recognize centers of excellence. He reviewed the programs for which CSM would like to submit proposals and pointed out that two proposals may be submitted for recognition of excellence and two proposals may be submitted for promotion and encouragement of excellence.

The Board unanimously voted to defer the matter to the discretion of the administration. The Board asked that it receive copies of any proposals which are written.

November 8, 1985

RECORD OF PROCEEDINGS

4

Mr. Schwartzberg reported that the committee on statewide tuition policy has prepared a draft policy, and that the committee's attitude has been that institutions will continue to establish tuition and fee policies, which policies will be reported to the CCHE.

Mr. Pascoe, who is a member of the Admission Standards Committee, reported that the interim report is out and that, with regard to Mines, we will meet standards that we have agreed to meet.

Dr. Golden reported that the Educational Special Committee will be visiting the campus on November 19. Mrs. Allen informed the Board that she has spoken with Peter Decker, who is the Chairman of the Committee, and he has indicated that the Committee is concerned with the definition of quality as it applies to teaching quality. She also discussed the agreement between Mines and Cherry Creek High School.

Dr. Golden discussed the work of the General Program Discontinuance Committee and stated that the Committee is in the process of preparing a draft document.

Mines Medal Recipients. President Ansell informed the Board that the following persons have agreed to be present at the December 13 Degree Convocation to accept the Mines Medal:

Dr. George Merideth
Mrs. Ruth Stockton
Mrs. Virginia Weigand

Security Resolution. The Board unanimously approved the proposed Security Resolution presented by Dr. Golden. A copy of the Security Resolution is appended hereto.

Report of Ad Hoc Committee on Departmental Visiting Committees. President Ansell reviewed the Report, which includes the charge to the Committee, guidelines for selection and organization, operation, and School Responsibilities. He pointed out that one of the guidelines states that nomination lists will be forwarded to the Board of Trustees for final selection.

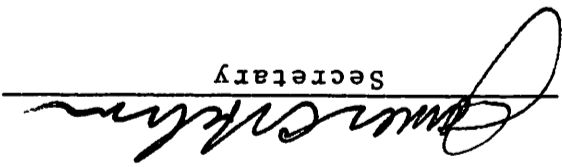
Student/Trustee Forum. Ms. Linch stated that approximately 50 to 60 persons attended the Forum. She said that Mr. Henderson and Mr. Pascoe were present and answered a wide variety of questions from the students. She feels that it might be valuable to have another Student/Trustee Forum in the Spring.

Report on Center for Welding Research. Dr. David L. Olson, Director of the Center, distributed a copy of his report and discussed the scope of the Center and the present research topical areas, and reviewed the list of the Center's welding research capital equipment. He also discussed the research level and budget allocations.

Mr. Pascoe thanked Dr. Olson for his report.

November 8, 1985

November 8, 1985


Secretary

The meeting was adjourned at 11:06 a.m., and the Board went into executive session.

COLORADO SCHOOL MINES
1985-1986 REVISED BUDGET - EDUCATION & GENERAL

	<u>1985-86 BUDGET</u>	<u>ROLL-FORWARD DISTRIBUTION</u>	<u>ADDITIONAL CHANGES</u>	<u>REVISED 1985-86 BUDGET</u>	<u>COMMENTS</u>
<u>INCOME</u>					
Education and General General Fund	\$ 9,244,246		\$ <173,885>	\$ 9,070,361	Supplement \$11,000 (Class. Ins.); Reversion 2% GF \$<184,885>. EXCESS TUITION \$149,000 YTD.
Tuition	10,103,977		149,000	10,252,977	
Other Cash	1,436,000			1,436,000	
Roll-Forward	<u>498,000 (EST)</u>	<u>\$933,088*</u>		<u>1,431,088</u>	The ACTUAL roll-fwd of \$1,431,088 includes \$828,106 for DEPT. roll-fwds & \$602,982 for the INSTITUTIONAL roll-fwds.
TOTAL	<u>\$21,282,223</u>	<u>\$933,088</u>	<u>\$ <24,885></u>	<u>\$22,190,426</u>	
<u>EXPENSE</u>					
Education and General Resident Instruction					
-Faculty	8,549,990	86,299	<39,000>	8,597,289	Charging of VISITING FAC to oper. exp. and roll-forward.
-Support Staff	2,149,598	35,230		2,184,828	
-Operating Expense	521,560	49,874	39,000	610,434	Departmental roll-forward
Research Development	600,000	123,822		723,822	Departmental roll-forward
Museum	64,504	4,347		68,851	Departmental roll-forward
Administration	1,512,083	107,140		1,619,223	Departmental roll-forward
Student Services	1,015,965	8,128		1,024,093	Departmental roll-forward
Library Oper. & Mat'ls	764,725	13,390		778,115	Departmental roll-forward
Data Processing Oper.	908,775	82,067		990,842	Departmental roll-forward
-DP Equip/Micro's/ Payments	879,000			879,000	
Physical Plant Oper.	2,354,145	288,969		2,643,114	Departmental roll-forward
Revolving Fund		28,840		28,840	Departmental roll-forward
Utilities	1,328,678			1,328,678	
Capital Outlay					
Financial Aid	129,000			129,000	
Enrollment Contingency	206,200			206,200	
Unallocated Roll- Forward from 84-85	298,000	104,982		402,982	Institutional roll-forward
Reserve			<24,885>	<24,885>	Classified Ins. \$11,000; Excess Tuition \$149,000; 2% Reversion GF \$<184,885>
TOTAL	<u>\$21,282,223</u>	<u>\$933,088</u>	<u>\$ <24,885></u>	<u>\$22,190,426</u>	

SECURITY RESOLUTION

Be it resolved by the Board of Trustees of the Colorado School of Mines that those persons occupying the following positions at the Colorado School of Mines shall be known as Managerial Group as described in the Industrial Security Manual for Safeguarding Classified Information.

George S. Ansell	President
John O. Golden	Vice President for Academic Affairs
W. Gordon Scott	Vice President for Business Affairs
Alan R. Stein	Industrial Security Officer

That the President and the other members of the Managerial Group currently hold, have been processed, or will be processed for a personal security clearance for access to classified information to the level of the facility clearance granted to this institution as provided for in the aforementioned Industrial Security Manual.

That the said Managerial Group is hereby delegated all of the Board's duties and responsibilities pertaining to the protection of classified information under classified contracts of the Department of Defense or User Agencies of its Industrial Security Program awarded to the Colorado School of Mines.

That the following named officers and members of the Board of Trustees and the Colorado School of Mines administrative officers shall not require, shall not have, and can be effectively excluded from access to all positions that would enable them to affect adversely the policies and practices of the University in the performance of classified contracts for the Department of Defense or User Agencies of its Industrial Security Program, awarded to the Colorado School of Mines, and need not be processed for personnel security clearance.

Officers - CSM Trustees

Russell L. Wood 2207 Jackson Street, Golden, Colorado 80401	President
Monte Pascoe Ireland, Stapleton, Pryor & Pascoe, Attorneys at Law 1675 Broadway, Suite 2600, Denver, Colorado 80202	Vice President
James C. Wilson Rocky Mountain Energy Company, 10 Longs Peak Drive, P.O. Box 2000, Broomfield, Colorado 80020	Secretary
Fred R. Schwartzberg Rocky Mountain Materials and Technology 2050 S. Oneida Street, #116, Denver, Colorado 80224	Assistant Treasurer and Assistant Secretary

CSM Trustees

Sally Vance Allen -- Gary-Williams Oil Producer,
115 Inverness Drive East, Englewood, Colorado 80112

Don K. Henderson -- HBB, Inc., 777 Pearl Street,
Denver, Colorado 80203

Jasper N. Warren -- Goldrus Drilling Company, 900 FCNB Building,
Houston, Texas 77002

Student Representative (Student Representative to be elected
each year by the Student Body)*

*The 1985-86 Student Representative is Heidi Lynch,
3833 Paseo Del Prado, Boulder, Colorado 80301

CSM Administrative Officers

Michael S. Nyikos	Vice President for Student Affairs and External Relations
Martin D. Robbins	Vice President for Development and Research and Executive Director of the Colorado School of Mines Foundation
Samuel B. Romberger	Dean of Graduate Studies and Research
Donald W. Gentry	Dean of Engineering and Undergraduate Studies

RECORD OF PROCEEDINGS

Golden, Colorado
December 13, 1985

The Board of Trustees met in regular session on December 13, 1985, at 9:00 a.m.

Trustees present: Mrs. Allen, Ms. Linch, Messrs. Henderson, Pascoe, Schwartzberg, Wilson and Wood.

Trustees absent: Mr. Warren.

Also attending the meeting were President Ansell, Vice Presidents Golden, Nyikos, Robbins, and Scott, Deans Gentry and Romberger, Prof. Rex Bull, faculty representative, President Emeritus Guy T. McBride, Jr., other staff members, and visitors.

Mr. Wood presided.

Ms. Linch introduced Lew Kleinhans and John E. Larson of the Geology Graduate Student Organization. Mr. Larson is President of that organization. Messrs. Kleinhans and Larson said that their organization is interested and concerned in the future of Mines and would welcome the opportunity to contribute in any way that it can.

Ms. Linch introduced CSM students Carol Johnson and Todd Courtney, who distributed The Prospector yearbook for 1985 to the Board members.

Previous Minutes. The minutes of the meeting held on November 8, 1985 were approved as distributed.

New Faculty Appointments. Dr. Gentry reviewed new appointments to the faculty as follows:

Dr. John E. Costa Adjunct Professor of Geology	\$3,500 for the spring semester of the 1985-85 academic year
Mr. Roger Dalke Instructor in Physics	\$12,000 for the spring semester of the 1985-86 academic year
Dr. Thomas Furtak Professor of Physics	\$44,500 for the 1986-87 academic year
Dr. Samuel Gray Adjunct Associate Professor of Geophysics for the fall semester of the 1985-86 academic year Research and graduate advising	No compensation
Dr. Gerald V. Jergensen, II Adjunct Associate Professor of Metallurgy	\$1,250 for the fall semester of the 1985-86 academic year

RECORD OF PROCEEDINGS

2

Dr. R. Gerald Nix \$3,500 for the fall
Adjunct Associate Professor semester of the 1985-86
of Chemical Engineering and academic year
Petroleum Refining

Dr. David A. Stephenson \$2,000 for the fall
Adjunct Professor semester of the 1985-86
of Geology academic year

Continuation of Appointments (after interruption)

Dr. Paul Burgardt \$2,500 for the fall
Adjunct Professor of semester of the 1985-86
Metallurgical Engineering academic year

Dr. Robert D. Hamilton No compensation. Advising
Adjunct Associate for thesis committees of
Professor of Geology several graduate students
for the fall semester of
the 1985-86 academic year

Dr. William Schneider \$7,500 for the fall
Adjunct Professor semester of the 1985-86
of Geophysics academic year

Administrative

Mrs. Mary Dale \$28,000 for a twelve-
Assistant to the Vice month contract
President for Academic
Affairs

New Research Awards. Dr. Romberger reviewed the new research awards for November 1985, and responded to questions.

Monthly Reports. Mr. Scott reviewed the monthly reports as follows: Current Funds Revenues, Expenditures and Other Changes for the five months ending November 30, 1985; Auxiliary and Self-Funded Activities for the five months ending November 30, 1985; and Time Deposits and Investment Report, November 30, 1985. It is his belief that the School is operating within the revenues projected for the 1986 fiscal year.

Admissions. Mr. Young reviewed the Admissions Report for Fall Semester 1986. His people will begin the bi-monthly count of women and ethnic minorities on February 1, 1986. Mr. Young informed the Board that the number of resident applications received is down nineteen percent and the number of nonresident applications received is down fifteen percent from previous years.

Mr. Young described the various types of activities which are being employed in the recruiting process.

Mr. Wilson entered the meeting at this time.

Extensive discussion ensued.

December 13, 1985

RECORD OF PROCEEDINGS

3

Sabbatical Report. Dr. Robert R. Faddick, Professor of Engineering, who was on leave during the 1984-85 academic year at one-half pay, presented a report of his activities during the leave year.

Dr. Faddick indicated that he found the year of leave to be rewarding and thanked the Board for having granted his request for sabbatical leave.

Mr. Wood thanked Dr. Faddick for his report.

John Shannon Matter. President Ansell reviewed the matter, reminding the Board that on November 18, 1985, he sent each Board member a memorandum in which he recommended that the Board affirm Mr. Shannon's dismissal. President Ansell also sent the Board a copy of the Faculty Review Committee's report in which it concurred with the Administration's decision to terminate Mr. Shannon as Director of the Museum. On November 18, President Ansell wrote to Mr. James Robinson, attorney for Mr. Shannon, in which he enclosed a copy of his memorandum to the Board and a copy of the Committee's report. In that letter President Ansell told Mr. Robinson that he could reply in writing to President Ansell's memorandum, which reply would be forwarded to the Board members, and that he could attend today's Board meeting. President Ansell informed the Board that he has not been contacted by Mr. Robinson

Mr. Schwartzberg moved to approve the recommendation of the Faculty Review Committee in which it concurs with the decision to terminate Mr. Shannon as Director of the Museum. Mr. Schwartzberg also moved to approve President Ansell's recommendation that the Board affirm Mr. Shannon's dismissal.

Discussion ensued, following which the Board unanimously approved the motions to uphold the decisions of the Faculty Review committee and President Ansell to dismiss Mr. Shannon.

Mr. Pascoe entered the meeting at this time.

Mrs. Allen and Mr. Henderson questioned President Ansell about the possible involvement of other persons in this matter and whether their involvement could warrant dismissal from the School. President Ansell informed them that there were other persons involved, but not to such an extent as to require disciplinary action.

Mr. Henderson asked that the minutes reflect this discussion in which President Ansell assured the Board that measures are being taken to insure that situations like the Shannon matter do not occur in the future. He said that, for instance, an internal auditor has been hired, which should preclude future occurrences of this kind of problem.

CCHE Committee Reports. Mr. Pascoe reported that the Admission Standards Committee will be ready to present its report in January 1986. He stated that one of the major problems has been acquiring entry data on foreign students as

RECORD OF PROCEEDINGS

4

they do not take SAT tests. Dr. Nyikos informed the Board that he has been discussing this problem with the people at CU and CSU.

Mr. Schwartzberg reported that the Statewide Tuition Policy Committee is meeting today. At the present time the administration is reviewing the proposed guidelines. He believes that we should be prepared to make comments when the proposed reporting format is presented as he opposes being "stuck" with reporting requirements that we cannot live with. President Ansell informed the Board that the administration agrees with that recommendation, and he agreed to prepare a letter to the committee which reflects the Board's position.

Mr. Wilson reported that the General Program Discontinuance Committee's draft policy statement is being circulated. Dr. Nyikos informed the Board that it provides for a review process of programs that is quite elaborate. He told the Board that a draft report should be ready by January.

Mrs. Allen, who is a member of the Educational Special Committee which is chaired by Peter Decker, informed the Board that on November 19, 1985, when the Committee visited the campus, Sue Mitchell gave a presentation on the Mines/Cherry Creek program and discussed the certification problems involved with that program.

Mr. Henderson stated that he wished to thank both President Ansell and President Emeritus McBride for their work in the admissions area.

Mrs. Allen informed the Board that Jerry Burnett and John Trefny also gave a presentation on the NSF program which supports training for high school science teachers.

Candidates for Degrees. Distribution was made of lists of candidates for degrees as recommended by the regular and graduate faculties, copies of which are appended hereto.

Upon motion made, seconded and unanimously passed, the candidates were approved for degrees on the dates specified, subject to the completion of all academic requirements and continued compliance with school requirements and regulations.

Reaffirmation of Master of Science and Master of Engineering in Applied Mechanics. Dr. Golden informed the Board that the proposal for this degree is scheduled to be considered by the Colorado Commission on Higher Education at its February meeting. Inasmuch as the proposal was originally scheduled to be considered by the Commission in March 1985, and inasmuch as the Commission has approved a new set of guidelines for degree programs, Mines has been asked to submit an addendum to the proposal. Dr. Golden recommended Trustee confirmation of this submittal.

The Board unanimously approved submittal of the addendum.

December 13, 1985

RECORD OF PROCEEDINGS

5

Discussion ensued, during which Mr. Schwartzberg stated that he is enthusiastic about the program, but would like to have a better understanding regarding steps being taken by the Department of Engineering to develop a first-class program. Dr. Gentry responded by saying that a number of hiring decisions have been made in this area which will insure a quality program. He believes that the program is an absolute must at this time.

The meeting was adjourned at 10:35 a.m., and the Board went into executive session.


Secretary

December 13, 1985