

within plans for future development approved by Mines, Mines at its sole option may withdraw such portion of the Premises from coverage under this lease. Mines shall give Museum at least 30 days' prior written notice of the legal description of any land withdrawn. Exhibit A to this lease shall be deemed to have been amended by the deletion of such land on the effective date of the withdrawal.

18. Assignment and Subletting.

a. Neither Mines nor Museum shall assign this lease or any interest herein without the prior written consent of the other party.

b. Museum shall not sublet all or any portion of the Premises or any improvements located thereon without the prior written consent of Mines.

19. Inspection. Museum shall allow Mines and its representatives to enter the Premises at any reasonable hour for the purposes of inspecting the Premises and performing obligations of Museum hereunder which Museum has failed to perform. This section shall not impose upon Mines any responsibility for the repair, maintenance or supervision of the Premises.

20. Corporation Meetings. During the term of this lease, a representative designated by Mines shall have the right to attend all meetings of Museum and any of its committees or other subgroups, including without limitation planning meetings and meetings of officers and the Board of Directors. Museum shall give Mines notice of all such meetings as far in advance as practical, but inadvertent failure to so notify shall not be a default under this lease.

21. Purposes. Exhibit B attached hereto is a true copy of the objects and purposes of Museum as set forth in its Articles of Incorporation, as amended on June 14, 1978. Museum shall not change, modify or amend the provisions set forth in Exhibit B without the prior written consent of Mines, which consent shall not be unreasonably withheld.

22. Organization. Prior to execution of this lease, Mines has approved the basic organization of Museum, including personnel structure, financial control mechanisms and bylaws, and program plans for operation of a museum on the Premises. Museum shall not change any of the approved items without the prior written consent of Mines.

23. Indemnity. Museum shall indemnify, defend and hold Mines harmless from and against any and all liabilities, penalties, damages, costs, expenses (including reasonable attorneys' fees), claims, suits and actions due to or arising out of this lease agreement, the rights and obligations of Museum hereunder, or Museum's use of the Premises, including without limitation any violation or nonperformance of any obligation of Museum hereunder and any damage to property or injury to persons (including death) caused by an accident on, in or under the Premises or any improvements thereon.

24. Events of Default. Each of the following events shall be a default hereunder:

a. Museum shall not commence construction of improvements on the Premises within two (2) years from the date of this lease;

b. Museum shall cease, after completion of construction, to actively operate a museum on the Premises, or shall close such museum to the public, for a period in excess of 300 days in any twelve-month period;

c. Museum shall lose its status as a Colorado non-profit corporation in good standing, unless Museum shall cure or initiate proceedings to contest such loss of status within 60 days, and shall diligently pursue such proceeding to successful completion;

d. Museum shall lose or be denied a federal tax exemption under section 501(c)(3) of the Internal Revenue Code, as amended, unless Museum shall cure or initiate proceedings to contest such loss of status within 60 days, and

shall diligently pursue such proceeding to successful completion;

e. Museum shall be involved in financial difficulties as evidenced by admitting in writing its inability to pay debts as they become due; making an assignment of all or a substantial part of its property for the benefit of its creditors; seeking or consenting to or acquiescing in the appointment of a receiver or trustee for all or a substantial part of its property or of the Premises; the filing of a voluntary petition in bankruptcy or under any insolvency law by Museum; the involuntary filing of such a petition, which is not set aside at the earliest time permitted by applicable statutes and regulations; or the entry of a final court order appointing a receiver or trustee for all or a substantial part of Museum's property;

f. Museum shall neglect or fail to perform or observe any of the agreements, obligations or covenants to be performed or observed by Museum hereunder and Museum shall fail to remedy the same within 30 days after written notice from Mines specifying such neglect or failure (or, if the default is of such a nature that it cannot be cured within 30 days, within such period as may be reasonably required to cure such default, provided that Museum commences to remedy such default within the 30-day period and proceeds with all due diligence thereafter to cure such default).

25. Remedies Upon Default. Upon the occurrence of an event of default, Mines shall have the following rights and remedies in addition to all other remedies at law or equity, and none of the following, whether or not exercised by Mines shall preclude exercise of any other remedy.

a. Mines shall have the right to immediately terminate this lease by giving Museum written notice. Upon the giving of such notice, this lease and the term hereof as well as all rights of Museum hereunder shall wholly cease

and expire, without the necessity of re-entry or any other act on the part of Mines. Notwithstanding any such termination of this lease, Museum shall be liable to Mines for all amounts due to Mines pursuant to this lease.

b. Mines may, without demand or notice, re-enter and take possession of the Premises or any part thereof and expel Museum (forcibly, if necessary) without being deemed guilty of any manner of trespass and without prejudice to any remedies for breach of this lease.

c. Without terminating this lease or re-entering the Premises, Mines may sue for all sums at any time and from time to time required to be paid by Museum hereunder.

26. Personal Property. If this lease is terminated pursuant to section 24 or 25, all personal property belonging to Museum and located on the Premises shall become the property of Mines. Museum agrees to execute and deliver to Mines any documents which may be necessary to evidence transfer of title to such property to Mines. It is understood by Mines that personal property belonging to third parties may be located on the Premises, and title to such property shall not vest in Mines. Upon such termination, Museum shall notify such third parties that they have 90 days to remove such property from the Premises.

27. Termination. After completion of construction of a museum building on the Premises, Museum may terminate this lease by giving Mines six months' prior written notice.

28. Surrender. Upon the expiration or other termination of this lease, Museum shall immediately quit and surrender the Premises and all improvements thereon to Mines broom clean, in good order and condition, ordinary wear and tear excepted. If title to Museum's personal property shall not have passed to Mines, Museum shall remove all such personal property from the Premises by the date of termination. Except for personal property owned by third parties, all personal property not so removed shall be conclusively deemed

to have been abandoned and may be disposed of by Mines in any manner it sees fit.

29. Waiver. No failure of Mines to enforce the provisions of this lease shall be construed as a waiver of any provision of this lease. No provisions of this lease shall be deemed to have been waived by Mines unless such waiver is in writing signed by Mines.

30. Force Majeure. Should any event or condition beyond the control of Mines or Museum make impossible (not merely difficult) performance of any of that party's obligations hereunder, that party shall be excused from performance of such particular obligation until such time as performance becomes possible.

31. Approvals. Any approval given by Mines under this lease shall not constitute an indication, representation or warranty of the correctness, sufficiency or legality of any plans, drawings, specifications, or documents for any purpose whatsoever except the fulfillment of certain of Museum's obligations under this lease.

32. General Provisions.

a. This agreement shall be governed by and construed under the laws of the State of Colorado.

b. This agreement shall not be deemed valid until it has been approved by the controller of the State of Colorado or such assistant as he may delegate.

c. This agreement contains the entire agreement between the parties, and can be modified only by an instrument in writing executed by both parties.

d. Nothing in this agreement shall be construed as indicative of or establishing an agency relationship between the parties. No agent, employee or servant of Museum shall be or shall be deemed to be an agent, employee or servant of Mines or the State of Colorado.

33. Notices. All notices required or permitted by this agreement shall be hand delivered or mailed by registered

or certified mail, postage prepaid, addressed as follows:

If to Mines:

Board of Trustees
Colorado School of Mines
1500 Illinois Street
Golden, Colorado 80401

If to Museum:

The National Mining Hall of Fame
and Museum
Suite 330
Denver Hilton Office Bldg.
1515 Cleveland Place
Denver, Colorado 80202

All notices shall be effective upon delivery and receipt therefor.

IN WITNESS WHEREOF, the parties have executed this Option to Lease as of the date first set forth above.

ATTEST:

BOARD OF TRUSTEES OF THE
COLORADO SCHOOL OF MINES

Secretary

By _____

(S E A L)

STATE OF COLORADO)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of _____, 1979, by _____ and _____, as President and _____ Secretary, respectively, of the Board of Trustees of the Colorado School of Mines, on behalf of such Board.

Witness my hand and official seal.

Notary Public

My commission expires:

APPROVED:

Controller of the State of Colorado

By _____
Assistant Controller

ATTEST:

THE NATIONAL MINING HALL
OF FAME AND MUSEUM

Secretary

By _____
Douglas V. Watrous
President

(S E A L)

STATE OF COLORADO)
) ss.
COUNTY OF _____)

The foregoing instrument was acknowledged before me
this _____ day of _____, 1979, by Douglas V. Watrous
and _____, as President and _____
Secretary, respectively, of The National Mining Hall of Fame
and Museum, a Colorado non-profit corporation, on behalf of
such corporation.

Witness my hand and official seal.

Notary Public

My commission expires:

OPTION TO LEASE

THIS AGREEMENT, dated this ----- day of -----, 1979, is between the Board of Trustees of the Colorado School of Mines ("Mines") and The National Mining Hall of Fame and Museum, a Colorado nonprofit corporation ("Museum").

RECITALS

A. Museum desires to construct and operate a public mining museum and mining achievement recognition center.

B. Mines desires to have such a museum located near its campus and desires to lease to Museum certain property owned by Mines for such a museum.

AGREEMENT

In consideration of ten dollars and other valuable consideration, receipt of which is hereby acknowledged by Mines, the parties agree as follows:

1. Grant of Option. Subject to the terms and conditions of this agreement, Mines grants to Museum an option to lease the real property described in Exhibit A attached hereto and made a part hereof (the "Premises").

2. Term of Option.

a. Museum's option to lease shall be for a period of five (5) years commencing on the date of this agreement, unless sooner terminated pursuant to section 5 of this agreement.

b. This Option to Lease shall terminate one year from the date hereof if Museum does not have cash in hand, immediately negotiable assets, or pledges totalling \$150,000 and such amounts have been dedicated exclusively to the purposes of raising funds for, and constructing and operating a museum located on the Premises. Such pledges shall be substantially in the form of Exhibit A attached hereto and incorporated herein, and shall be from persons with the financial ability to meet the pledge.

3. Conditions Precedent to Exercise. Museum shall have the right to exercise its option to lease only upon proof satisfactory to Mines that all of the following conditions have been fulfilled:

a. Museum shall have cash in hand, immediately negotiable assets or pledges totalling \$5,000,000, and shall have dedicated such amount exclusively to the purposes of constructing and operating a museum located on the Premises. Such pledges shall be substantially in the form of Exhibit A and shall be from persons with financial ability to meet the pledge.

b. Mines shall have approved comprehensive design development and land use plans for the Premises, and complete construction plans, drawings and specifications for all improvements to be located on the Premises, and detailed program plans for operation of a museum on the Premises. Such plans shall, at a minimum, conform to the standards promulgated by the American Museum Association and any applicable building, zoning, safety and handicapped access requirements of the City of Golden and the State of Colorado.

c. Mines shall have approved a five-year budget for the construction and operation of a museum on the Premises, which budget shall show in detail the anticipated sources of income, expenses, and contingency reserves.

d. Mines shall have approved the basic organization of Museum, including personnel structure, financial control mechanisms and bylaws.

4. Procedures for Approval. The following procedures shall apply to approvals by Mines required under section 3 of this option to lease:

a. Museum shall submit to Mines, at any time or from time to time, any item which requires Mines' approval. Mines shall approve or disapprove each such item in writing within sixty (60) days after Mines' receipt of the item. Any disapproval shall describe with particularity deficiencies to be corrected. If Mines shall fail to give written notice of disapproval within the 60-day period described

above, Mines shall be deemed to have approved that item.

b. Disapproved items may be revised and resubmitted by Museum. The procedures set forth in section 4(a) shall apply to resubmittals.

c. Unless agreed to in writing by Mines, Museum shall make no material changes or alterations in any item approved by Mines.

d. Mines shall not unreasonably withhold its approval, provided, however, that incompatibility with the goals, purposes, architectural standards, construction practices, and standards of fiscal responsibility of Mines shall be deemed reasonable grounds for disapproval.

e. When Museum believes that all conditions precedent have been satisfied, it shall request Mines to issue a final acceptance acknowledging that all required approvals have been obtained (either by written acceptance of by Mines' failure to disapprove). Within twenty (20) days of the receipt of such request, Mines shall notify Museum either that all conditions precedent have been satisfied, or that specified conditions remain unfulfilled.

f. Any approval given by Mines shall not constitute an indication, representation or warranty of the correctness, sufficiency or legality of any plans, drawings, specifications, or documents for any purpose whatsoever except the fulfillment of conditions precedent to Museum's exercise of this option.

5. Exercise of Option. Museum may exercise its option to lease by giving written notice to Mines within sixty (60) days after receipt of final acceptance issued by Mines pursuant to section 4 (e). If Museum shall fail to exercise its option within such 60-day period, this option agreement shall immediately terminate and Museum shall have no further rights under this agreement.

6. Form of Lease. Upon valid exercise of this

option to lease, Museum and Mines shall promptly execute a lease of the Premises substantially in the form of Exhibit B attached hereto and made a part hereof.

7. Right to Investigate. During the period this option agreement is in effect, Museum and its agents shall have the right to enter the Premises, but solely for the purpose of investigating the suitability of the Premises for construction of a museum. Such investigation may include but shall not be limited to foundation test boring, soil sampling, surveying, and geological mapping and reconnaissance. Museum, at its sole cost, shall promptly repair, to the satisfaction of Mines, any disturbance to the Premises caused by Museum during or as a result of site investigations. Museum's obligation to repair shall survive any termination of this agreement.

8. Indemnification. Except for a challenge to Mines' right to enter into this option to lease, Museum shall indemnify, defend and hold Mines harmless from and against all claims, actions, losses, damages and costs (including reasonable attorney's fees) arising out of or related to this option agreement and the rights and obligations of Museum hereunder.

9. Corporate Meetings. During the term of this option, a representative designated by Mines shall have the right to attend all meetings of Museum and any of its committees or other subgroups, including without limitation planning meetings and meetings of officers and the Board of Directors. Museum shall give Mines notice of all such meetings as far in advance as practical, but inadvertant failure to so notify shall not be a default under this option to lease.

10. Purposes. Exhibit C attached hereto is a true copy of the objects and purposes of Museum as set forth in its Articles of Incorporation, as amended on June 14, 1978. Museum shall not change, modify or amend the provisions set forth in Exhibit C without the prior written consent of Mines, which consent shall not be unreasonably withheld.

11. Assignment. Neither party may assign all or any part of this option to lease without the prior written consent of the other party.

12. General Provisions.

a. This agreement shall be governed by and construed under the laws of the State of Colorado.

b. This agreement shall not be deemed valid until it has been approved by the controller of the State of Colorado or such assistant as he may delegate.

c. This agreement contains the entire agreement between the parties, and can be modified only by an instrument in writing executed by both parties.

d. Nothing in this agreement shall be construed as indicative of or establishing an agency relationship between the parties. No agent, employee or servant of Museum shall be or shall be deemed to be an agent, employee or servant of Mines or the State of Colorado.

13. Notices. All notices required or permitted by this agreement shall be hand delivered or mailed by registered or certified mail, postage prepaid, addressed as follows:

If to Mines:

Board of Trustees
Colorado School of Mines
1500 Illinois Street
Golden, Colorado 80401

If to Museum:

The National Mining
Hall of Fame and Museum
Suite 330, Denver Hilton Office Building
1515 Cleveland Place
Denver, Colorado 80202

All notices shall be effective upon delivery and receipt therefor.

IN WITNESS WHEREOF, the parties have executed this option to lease as of the date first set forth above.

ATTEST:

BOARD OF TRUSTEES OF THE
COLORADO SCHOOL OF MINES

Secretary

By _____

(S E A L)

(S E A L)

STATE OF COLORADO)
)
COUNTY OF _____) ss.

The foregoing instrument was acknowledged before me
this _____ day of _____, 1979, by _____
and _____, as President and _____
Secretary, respectively, of the Board of Trustees of the
Colorado School of Mines, on behalf of such Board.

Witness my hand and official seal.

NOTARY PUBLIC

My Comm. Exp.:

APPROVED:

Controller of the State of Colorado

By-----
Assistant Controller

ATTEST:

THE NATIONAL MINING HALL
OF FAME AND MUSEUM

Secretary

By-----
Douglas V. Watrous
President

(S E A L)

STATE OF COLORADO)
) ss.
COUNTY OF -----)

The foregoing instrument was acknowledged before me
this _____ day of _____, 1979, by Douglas V. Watrous
and _____, as President and _____
Secretary, respectively, of the National Mining Hall of Fame
and Museum, a Colorado nonprofit corporation, on behalf of
such corporation.

Witness my hand and official seal.

NOTARY PUBLIC

My Comm. Exp.:

RECORD OF PROCEEDINGS

Golden, Colorado
July 14, 1979

In substitution of the regular meeting, the Board met in the Arapahoe Room of Keystone Lodge, Keystone, Colorado, on July 14, 1979 at 1:00 p.m.

Present: Messrs. Fogarty, Grynberg, Pascoe, Schwartzberg, Stockmar, and Wilson.

Absent: Mr. Coors.

Mr. Wilson presided.

Also attending the meeting were President McBride, Vice Presidents Gary, Scott, and Welles, representatives of the press, and others.

Previous Minutes. The minutes of the meeting held on June 8, 1979 were approved as distributed.

Faculty Appointments. Dr. Gary reviewed the new faculty appointments as follows:

Thomas L. Davis Assistant Professor of Geophysics (spring semester)	\$10,225
JoAnn T. Hackos Assistant Professor of Humanities & Social Sciences	16,500
James M. Lockhart Assistant Professor of Physics (spring semester)	8,500
David J. Spottiswood Associate Professor of Metallurgical Engineering	26,000
John E. Warme Professor of Geology	30,000
Ronald V. Wiedenhoef Associate Professor of Humanities & Social Sciences	23,000

At the conclusion of the presentation, President McBride commended Dr. Gary and the Department Heads on the strength of the qualifications of the new appointees. The Board concurred in the commendation.

Dr. Gary reported that Dr. George V. Keller has been granted a leave of absence without pay for the 1979-80 academic year.

Dr. Gary reported other changes as follows: Dr. Phillip R. Romig has been appointed Acting Department Head

July 14, 1979

RECORD OF PROCEEDINGS

2

of the Geophysics Department in addition to his appointment as Associate Professor in that department; Dr. Oded Rudawsky has been appointed Assistant Department Head of the Mineral Economics Department for the 1979-80 academic year in addition to his appointment as Associate Professor in that department; and Mr. Paul T. Treece has been appointed Assistant Professor of Mathematics for the 1979-80 academic year in addition to his appointment as Manager of the Computing Center.

Monthly Financial Reports. Mr. Scott presented the monthly financial reports consisting of Monthly Budget Report as of June 30, 1979; CERI Budget Report as of June 30, 1979; Consolidated Board Report for 12 months ending June 30, 1979; and CSM Investment Summary as of July 10, 1979.

Admissions Report. Dr. Gary presented the Admissions Report and stated that with an expected class of 500 new freshmen and 125 transfer students, admissions are closed. Upon withdrawals, additional candidates from the waiting lists are admitted. Counseling is being provided to those wishing to begin their education at another institution and transfer to Mines. Discussion followed concerning the existence of or need for an advance financial commitment by prospective new students. Currently, only a housing deposit is required. Based on past experience, a very high percentage of those who confirm their plans to enter Mines actually do so. It was agreed that in the light of new higher tuition rates, there may arise a need for an advance financial commitment of some type. The administration agreed to monitor the admissions experience closely.

1979-80 Budget. Mr. Scott presented the 1979-80 budget for approval, pointing especially to the inadequate appropriation for utilities. Discussion followed. It was agreed that a supplemental request for additional utility funds would be prepared and documented. It was moved and seconded that the proposed budget in the amount of \$21,976,333 be approved, including specific authority for the administration to make transfers of funds between line items as required for the proper operation of the School. Motion carried.

1980-81 Budget Parameters. Mr. Scott introduced the following budget parameters prepared for the Board's consideration:

1. Enrollment. The fall headcount for 1980-81 is estimated to be 2,780 students (2,854 FTE). The total fiscal year 1980-81 estimate is 2,939 student FTE. The percent of resident and non-resident students for the 1980-81 academic year is 75.0 percent and 25.0 percent, respectively.
2. Faculty Salary Increase. The requested increase shall be 23.6 percent. This is based on the goal to move the average engineering faculty salary from sixth from the bottom to third from the top in the annual survey of colleges and universities offering programs in mineral engineering (conducted by the South

RECORD OF PROCEEDINGS

3

Dakota School of Mines). The above salary increase is also based on the intent of CSM to obtain the average contract salary for non-engineering faculty comparable to the projected average CU salaries in these respective programs. The Association of Public College and University Presidents (APCUP) is currently in the process of developing an equitable method of establishing faculty salary increases. If this task is completed in time for the 1980-81 Request, it is recommended that the APCUP formula be used in lieu of the above 23.6 percent increase.

3. Additional Faculty. The request for additional faculty will be based on the budgeting formula developed by APCUP.

4. Graduate Assistants. The request for graduate assistants for 1980-81 will be based on a faculty/graduate assistant ratio of 6.6 to 1. The current 1979-80 ratio is 7.1 to 1.

5. Resident Instruction - Other Support Staff. The request for Other Support Staff will be based on a faculty/other support staff ratio of 3.5 to 1. Currently the ratio is 4.4 to 1 which is unrealistically high.

6. Hourly Wages. Student wage rates will be increased from the current fiscal year average rate of \$3.00 per hour to \$3.25 per hour. This increase is based on the requirements of the Federal Minimum Wage Act and its relationship to the federal Work-Study Program.

7. Travel. A request will be made for travel funds in the amount of \$300 per faculty FTE.

The request for summer field camp travel is in the amount of \$23,555. This will be reflected as a separate request item.

8. Instructional Supplies and Expense. The request for Instructional Supplies and Expense shall be increased 32.5 percent over the 1979-80 Appropriation (\$380,345 compared to \$286,951).

9. The library request for staff and learning materials will be based on budgeting formula developed by the Presidents' Association (APCUP).

10. General Administration/General Institutional. The following additional FTE shall be requested:

Central Services	1.0
Office of Res. Serv./EMI	4.5
V.P. Planning & Dev.	2.0

RECORD OF PROCEEDINGS

4

11. Student Services. The following additional FTE shall be requested:

Co-op Education Director
Co-op Secretary
Typist (Registrar's Office)
Typist (Financial Aid -- .5 FTE)
Typist (Dean of Students Office)

12. Data Processing. Computing Center: A request shall be made for two exempt, senior consultants for increased support to the instructional and research programs. Additional staff also includes a software programmer, scientific programmer, and a third shift computer operator.

Administrative Data

Processing: No additional personnel are requested at this time.

13. Physical Plant. The Physical Plant request for staff shall be based on the budgeting formula developed by the Presidents' Association (APCUP).

14. Capital Outlay. A request of \$880,410 (plus office furniture for new staff) is to be made to compensate for the abnormally low funding in the past.

15. Tuition. The following academic year tuition rates are in effect for 1979-80:

Resident - undergraduate	\$693
Resident - graduate	727
Nonresident - undergraduate	3,672
Nonresident - graduate	3,839

Cost per student calculations indicate that the nonresident tuition rates should not increase, however due to the recommended budget increases reflected above (items 1-14) several tuition alternatives follow:

	No	5%	7%
	Increase	Increase	Increase
Resident - undergraduate	693	728	742
Resident - graduate	727	763	778
Nonresident - undergraduate	3,672	3,856	3,929
Nonresident - graduate	3,839	4,031	4,108

Discussion centered on Item 15, proposed tuition rates. The Board was informed that based on the previously established criteria which related educational costs to tuition rates there would be no justification for tuition increase for nonresident students. The demand for an accurate estimate of tuition income, coupled with the realistic expectation that a tuition increase would be imposed, resulted in a motion to base next year's tuition upon a five percent increase for both resident and nonresident

RECORD OF PROCEEDINGS

5

students. Motion was seconded and carried.

It was then moved and seconded that Items 1 through 14 of the budget parameters be approved as proposed. During discussion which followed, the President reminded the Board that there might be resistance to and even resentment of a request budget which called for a significant percentage increase. He further stated that, even so, it was his belief the School should present such a budget, continuing our established record of presenting a standard engineering school budget. Motion carried.

Administrative Salary Schedule. The 1979-80 administrative salary schedule was deferred until Executive Session for discussion as a personnel matter.

Faculty Handbook. President McBride presented the revised Faculty Handbook for approval of the Board. He highlighted changes from the existing edition. Dr. Gary was asked to present the section dealing with transitional appointments and did so. Discussion followed. At the conclusion of the discussion it was moved that the handbook be approved with the exception of the lead sentence in Paragraph (2) C on Page 2-10 dealing with burden of proof. The wording of this paragraph will be reworked and presented for subsequent approval of the Board. Motion carried.

Scholarship Discrimination Complaint. The President informed the Board of an HEW scholarship discrimination complaint and briefly reviewed the actions taken by the School in response. Materials are being prepared for use during an HEW review. Additional informal assistance is being provided by counsel from the firm of Bradley, Campbell and Carney in Golden. Progress will be reported in future Board meetings.

Academic Leave. Dr. Gary presented a request on behalf of Professor Stanley Guralnick for leave for the academic year at one-half pay. He explained that such a request would normally be made in December but that Dr. Guralnick was to receive additional funding from the National Science Foundation and that final word on that grant would not be available until August 1. It was pointed out there were two other such leaves in effect for the coming year and that granting Dr. Guralnick's request would be within the established guidelines for the number of such leaves. It was moved and seconded that the academic leave be granted. Motion carried.

Governor/Mines Trustee Meeting. The President informed the Board of the meeting to be held with the Governor July 27 to discuss items of interest to CSM. In addition, he provided a list of possible agenda items. Discussion followed.

The President also notified the Board that on July 26 there would be a one-day budget conference called by the Governor to discuss preparation of budgets, the problems of declining enrollment, re-direction of students, and faculty productivity.

July 14, 1979

RECORD OF PROCEEDINGS

6

Interim Warrants, New Dormitory. Mr. Schwartzberg introduced a resolution authorizing issuance of dormitory and student center revenue anticipation warrants in the principal amount of \$4,525,000. Mr. Stockmar moved that the resolution be adopted, and Dr. Fogarty seconded the motion. The resolution, appended, was adopted unanimously.

EMI Building. Mr. Stockmar reported briefly that he had been successful in interesting Mr. Al Cohen in constructing a building for use by the Earth Mechanics Institute and other research activities. Mr. Cohen would be willing to rent such a building to the School and is waiting contact by School personnel to discuss the matter in greater detail. President McBride asked that Mr. Scott and Dr. Golden initiate such a meeting.

At 3:15 p.m. the meeting recessed to allow executive session. At 4:00 p.m. the meeting reconvened.

Administrative Salaries. It was moved, seconded, and passed that administrative salaries be as shown in the subtended table.

Austin R. Brown, Jr. Director of Computing Center and Professor of Mathematics	\$35,400
Harold R. Chevront Registrar	20,600
Bernetta Conrey Departmental Assistant	19,500
W. D. Copeland Dean of the Graduate School and Professor of Metallurgical Engineering	38,700
Catharine S. Cross Librarian	17,700
Harry W. Emrick Associate Professor of Basic Engineering & Director of Continuing Education	31,600
Elsie Christine Ericson Librarian	16,200
Carl A. Fawcett Director of Housing, Student Center, and Green Center	25,100
James H. Gary Vice President for Academic Affairs and Dean of the Faculty	51,400
Leanne Gibson Public Information Officer	17,500
John O. Golden Professor of Chemical and Petroleum-Refining Engineering and Dean of Research Development	40,300

July 14, 1979

RECORD OF PROCEEDINGS

7

William A. Ingels Budget Officer	\$22,500
Leonard L. Johnson Business Services Officer	22,200
Mary Larsgaard Librarian	16,200
Andrew M. Lopez Affirmative Action/Contract Review Officer	19,000
Barbara MacDonald Librarian	15,500
Warren J. Mason Director of Financial Aid	22,500
Guy T. McBride, Jr. President	62,000
Virginia A. McGinnis Assistant Museum Curator	12,712
Charles S. Morris Director of Public Relations	24,600
Asaad A. Mubarak School Physician and Head of Medical Department	21,000
Judith O'Brien Personnel Officer	21,000
Robert W. Pearson Business Manager, Department of Athletics	23,300
Hartley K. Phinney, Jr. Director of the Library	34,600
Jon W. Raese Director of Publications	21,000
Anne R. Reynolds Assistant Director of Housing and Head Resident of Twin Towers Hall	6,900
David W. Satterley Data Processing Officer	27,400
W. Gordon Scott Vice President for Business Affairs	42,000
Margaret Smart Librarian	20,500
Gregory K. Staff Director of Cooperative Education and Placement	18,400
Fred G. Stair Librarian	13,400

July 14, 1979

RECORD OF PROCEEDINGS

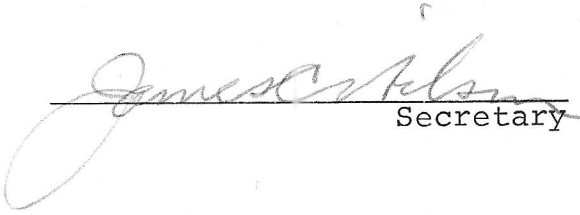
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Richard Sudermann Director of Plant Facilities	\$30,500
Paul T. Treece Manager, Computing Center and Assistant Professor of Mathematics	23,000
John G. Welles Vice President for Institutional Planning and Development	49,800
A. William Young Director of Admissions	22,800

The Board took cognizance of the presumed impact of Long Bill Footnote 85c, which provides that no person in higher education having a salary in excess of \$38,800 for 1978-79 be granted any increase in total compensation for 1979-80. It is apparent that there are some salaries established by the above motion that do not conform to the footnote. In regard to such salaries, the Board undertook to decide at its September 1979 meeting whether or not the established salary increases could be paid, taking into account its careful appraisal of the real sense of the legislature.

Persons affected by this situation are to be notified of the salaries established and of the fact that it may or may not be possible ultimately to pay according to the new salary schedule.

The meeting adjourned at 4:15 p.m.


Secretary

July 14, 1979

RECORD OF PROCEEDINGS

Golden, Colorado
September 14, 1979

The Board of Trustees met in regular session at 9:00 a.m., September 14, 1979 in the Board Room.

Present: Messrs. Coors, Fogarty, Schwartzberg, and Wilson.

Absent: Messrs. Grynberg, Pascoe, and Stockmar.

Also attending were President McBride, Vice Presidents Scott and Welles, and various staff members.

President McBride introduced Ms. Kathy Rahm, Editor of the 1978-79 Prospector, who presented individual copies of the publication to the Board members. The Board members accepted the copies and expressed appreciation.

Student member, Douglas Aab, took the oath of office as a new member of the Board.

Previous Minutes. The minutes of the July 14, 1979 meeting were approved as distributed.

New Faculty Appointments. Dean Copeland reviewed the new appointments to the faculty as follows:

Diane Brown Boettcher Librarian, 12-month contract	\$14,500
John C. Emerick Adjunct Senior Lecturer (no salary, but \$300 for travel expense)	
Daniel R. Frelund Accounting Officer, 12-month contract	22,000
Terence L. Klein Part-time Instructor, Geology Department	2,700
Terence K. Young Visiting Assistant Professor, Geophysics Department	20,000

Reappointments

Marcy Barge (fall semester salary) Part-time Instructor, Mathematics Department	6,300
Jay D. Burch Visiting Instructor, Physics Department (fall semester)	6,955
Robert F. Drake Visiting Assistant Professor, Chemistry & Geochemistry Department	17,200

RECORD OF PROCEEDINGS

2

Samuel S. Goldich	no compensation
Adjunct Professor, Geology Department	
Richard J. Krantz	\$14,000
Instructor, Physics Department	
Alan L. Liby	2,100
Adjunct Assistant Professor, Metallurgical Engineering Department (fall semester)	
Charles E. Lienert	20,000
Visiting Assistant Professor, Mineral Economics Department	
Mark W. Ljungvall	13,830
Instructor, Basic Engineering Department	
William E. Marlatt	3,300
Adjunct Professor, Environmental Sciences	
Harry I. McHenry	no compensation
Adjunct Assistant Professor, Metallurgical Engineering Department	
Stephen M. McKenna	14,360
Instructor, Basic Engineering Department	
Jerome G. Morse	1,500
Adjunct Associate Professor, Physics Department	
H. Gary Pippin	16,300
Visiting Assistant Professor, Chemistry & Geochemistry Department	
Cooper Wayman - 51% of EPA salary of \$44,520	
Adjunct Senior Lecturer, Environmental Sciences	
David G. Wirth	2,400
Adjunct Associate Professor, Metallurgical Engineering (fall semester)	
John L. Wray	no compensation
Adjunct Professor, Geology Department	

Administrative Changes. President McBride reported that due to the resignation of Dr. Gary several changes in the administrative staff are necessary and are recommended for Board concurrence.

Dr. William M. Mueller, presently Head of the Department of Metallurgical Engineering, is appointed Vice President for Academic Affairs and Dean of the Faculty, at a salary of \$52,500.

Dr. William D. Copeland, presently Dean

RECORD OF PROCEEDINGS

3

of the Graduate School, is being appointed Head of the Department of Metallurgical Engineering at a salary of \$34,000 (including a \$2,000 annual increment for serving as Department Head).

Dr. John O. Golden, presently Dean of Research Development, is being appointed Dean of Graduate Studies and Research at a salary of \$42,500.

President McBride stated that these salaries are, in his opinion, reasonable and fair in view of the salary history of those involved. He said further that these appointments have been made after in-depth discussion of implementation of the Future Graduate Profile and that he feels confident the implementation process will be effected immediately and will proceed along rational lines. He said he will be absent at the next faculty meeting but he will leave a letter to be read to the faculty about the changes in administration.

Upon motion made, seconded, and passed, the Board concurred in above changes.

Upon motion made, seconded, and passed, the Board expressed appreciation to Dr. Gary for his outstanding service as Vice President and Dean of Faculty and regret that due to circumstances beyond its control Dr. Gary was leaving the administration.

A discussion ensued of the intermediate and long-term effects of the salary limitation footnote, present appointments excepted, and members of the Board expressed concern that those within the State who control the purse strings are moving the State toward mediocrity and noted that it is desirable that anyone in a position to express concern do so in strong terms.

Monthly Financial Reports. Mr. Scott presented the monthly financial reports: Consolidated Board Report for two months ending August 31, 1979; Budget Report as of August 31, 1979; CERI Budget Report as of August 31, 1979; and the Investment Summary as of September 12, 1979.

Enrollment Report. Dean Nyikos reviewed the preliminary fall enrollment summary, calling attention to the total of 2817 - 2359 males and 458 females, 71.4 percent being residents.

Dean Nyikos called attention to a memorandum from Mr. Young giving the characteristics of the freshman class. The memo cited the high ACT and SAT scores and the fact that 57 percent of the freshmen had ranked in the upper 10 percent of their high school class.

RECORD OF PROCEEDINGS

4

Faculty Handbook. President McBride stated that the sentence on page 2-10 of the book which had caused some question at the July meeting had been deleted after thorough discussion with Mr. Stockmar. Copies of the new edition were made available to the members of the Board. President McBride stated that he was satisfied that the book as published reflected the will of the Board as expressed at the last meeting.

Teaching Faculty Salary Schedules. President McBride reported that the salaries as shown on the schedules are already in effect and that they are being presented for information. He stated that the salaries reflect the 6-1/2 percent average compensation increase authorized by the legislature, some being greater than 6-1/2 percent in an attempt to give merit increases. Obviously with only that amount of increase, it was not possible to do much.

Upon motion made and seconded, the Board unanimously approved the teaching faculty salaries as follows:

John F. Abel Professor of Mining Engineering	\$27,870
Charles S. Aldrich Instructor in Petroleum Engineering	14,820
R. Bruce Allison Professor of Physical Education and Head of Department of Physical Education (A.D.)	32,400
William R. Astle Associate Professor of Mathematics	23,340
William A. Averill Assistant Professor of Metallurgical Engineering	19,980
Henry A. Babcock Professor of Basic Engineering	33,400
Charles R. Baer Assistant Professor of Mathematics	18,800
Robert W. Baldwin Assistant Professor of Chemical and Petroleum-Refining Engineering	19,120
Frederick B. Bart Instructor in Humanities and Social Sciences	16,110
Daniel M. Bass Professor of Petroleum Engineering and Head of Department	34,560
Ramon E. Bisque Adjunct Professor of Chemistry and Geochemistry (40% basis)	12,940

RECORD OF PROCEEDINGS

5

Ardel J. Boes Associate Professor of Mathematics and Head of the Department	\$27,160
Emmy Booy Assistant Professor of Geology	20,680
Joan N. Brooks Assistant Professor of Civil Engineering	18,910
James T. Brown Professor of Physics	24,080
W. Rex Bull Professor of Metallurgical Engineering	27,890
Thomas R. Bultman Assistant Professor of Geology	17,240
Paul Burgardt Assistant Professor of Physics	16,530
Jerrold J. Burnett Professor of Physics	25,010
David L. Butler Associate Professor of Geophysics	21,440
Nicholas P. Callas Associate Professor of Mathematics	21,310
Betty Jo Cannon Instructor in Humanities and Social Sciences	16,050
Debra Carnell Assistant Professor of Basic Engineering	16,220
Edward F. Cecil Assistant Professor of Physics	17,460
W. John Cieslewicz Associate Professor of Humanities & Social Sciences and Associate Professor of Mineral Economics	19,720
L. Graham Closs Assistant Professor of Geology	18,560
John A. Cordes Assistant Professor of Mineral Economics	19,870
Richard S. Culver Professor of Basic Engineering	23,760
Stephen R. Daniel Associate Professor of Chemistry	22,230
James Darden Associate Professor of Physical Education and Athletics	23,920

RECORD OF PROCEEDINGS

6

Joseph E. Davies Professor of Physical Education and Athletics	\$24,150
Richard H. Devoto Professor of Geology	25,460
Dean W. Dickerhoof Professor of Chemistry	24,790
Donald I. Dickinson Associate Professor of English	23,410
Philip F. Dickson Professor of Chemical and Petroleum-Refining Engineering and Head of Department	35,080
Glen R. Edwards Professor of Metallurgical Engineering	25,810
Kenneth W. Edwards Associate Professor of Chemistry	19,600
Rudy C. Epis Professor of Geology	32,110
Robert R. Faddick Professor of Basic Engineering	23,410
Joseph J. Finney Professor of Geology and Head of Department	33,250
Robert S. Fisk Assistant Professor of Mathematics	19,330
S. Dale Foreman Professor of Basic Engineering	24,680
Robert H. Frost Instructor in Metallurgical Engineering	15,500
Charles O. Frush Professor of Mining Engineering	20,400
James H. Gary Professor of Chemical and Petroleum- Refining Engineering	42,000
Richard D. Gauthier Associate Professor of Basic Engineering	25,320
Donald W. Gentry Professor of Mining Engineering	28,350
Michael S. Graboski Assistant Professor of Chemical and Petroleum-Refining Engineering	18,100
L. T. Grose Professor of Geology	31,180

RECORD OF PROCEEDINGS

7

Charles R. Groves Associate Professor of Basic Engineering	\$22,980
Stanley M. Guralnick Associate Professor of Humanities and Social Sciences	18,940
Raymond R. Gutzman Professor of Mathematics	23,030
Frank A. Hadsell Professor of Geophysics	31,660
J. P. Hager Professor of Metallurgical Engineering	34,370
John W. Hancock Associate Professor of Physical Education and Athletics	22,040
Peter E. Hartley Assistant Professor of Humanities and Social Sciences	19,540
John D. Haun Professor of Geology	32,770
Douglas W. Hilchie Associate Professor of Petroleum Engineering	27,100
Carl L. Hiltrop Associate Professor of Chemistry	17,500
Anthony L. Hines Associate Professor of Chemical and Petroleum-Refining Engineering	23,630
John A. Hogan Associate Professor of English	22,080
Gregory S. Holden Assistant Professor of Geology	15,960
Ralph C. Holmer Professor of Geophysics	30,140
Matthew J. Hrebar Assistant Professor of Mining Engineering	22,230
Joan R. Hundhausen Assistant Professor of Mathematics	17,880
William A. Hustrulid Professor of Mining Engineering	29,430
Robert M. Hutchinson Professor of Geology	24,950

RECORD OF PROCEEDINGS

8

J. Tracey James Assistant Professor of Physical Education and Athletic Trainer	\$17,610
Warren E. Jamison Associate Professor of Basic Engineering	24,130
Thys B. Johnson Professor of Mining Engineering and Head of Department	32,860
James G. Johnstone Professor of Basic Engineering	31,040
Michael C. Jones Associate Professor of Chemical and Petroleum-Refining Engineering	21,400
Leonard A. Kalal Associate Professor of Philosophy	22,820
Alexander A. Kaufman Associate Professor of Geophysics	26,210
Marvin Kay Associate Professor of Physical Education and Athletics and Head Football Coach	21,910
Thomas E. Kelley Assistant Professor of Mathematics	16,110
George H. Kennedy Professor of Chemistry and Head of the Chemistry & Geochemistry Department	27,080
Harry C. Kent Professor of Geology	33,250
Arthur J. Kidnay Professor of Chemical and Petroleum- Refining Engineering	28,350
John V. Kline Professor of Physics	25,880
Ronald W. Klusman Professor of Chemistry	27,170
Charles Kohlhaas Associate Professor of Petroleum Engineering	26,500
George Krauss AMAX Foundation Professor of Physical Metallurgy	32,760
Donald Langmuir Professor of Geochemistry	32,860
William B. Law Associate Professor of Physics	22,740

RECORD OF PROCEEDINGS

9

Keenan Lee Professor of Geology	\$24,340
Fred Leffler Associate Professor of Electrical Engineering	22,980
J. D. Lubahn Professor of Basic Engineering	25,190
George B. Lucas Professor of Chemistry	31,550
Patrick MacCarthy Associate Professor of Chemistry	18,100
Earl K. Madsen Adjunct Associate Professor of Mineral Economics	3,475
Maurice Major Professor of Geophysics	34,260
Donald C. B. Marsh Professor of Mathematics	23,730
Scott J. Marshall Associate Professor of Basic Engineering	25,670
James W. Martin Professor of Basic Engineering	28,140
Gerard P. Martins Associate Professor of Metallurgical Engineering	26,400
Jean P. Mather Professor of Mineral Economics	35,450
Frank S. Mathews Professor of Physics	26,850
David K. Matlock Associate Professor of Metallurgical Engineering	24,810
William A. Mattingly Assistant Professor of English	16,160
Ruth A. Maurer Assistant Professor of Mineral Economics	16,110
Robert W. McAllister Professor of Physics	25,240
Robert S. McCandless Associate Professor of Physical Education and Athletics	19,650

RECORD OF PROCEEDINGS

10

Michael B. McGrath Chief Consultant, Computing Center & Associate Professor of Basic Engineering	\$25,750
Willa D. Meylink Assistant Professor of Physical Education	15,680
C. Samuel Miller Associate Professor of Basic Engineering	21,870
B. J. Mitchell Grace Foundation Professor of Petroleum Engineering	28,180
Fred E. Moore Professor of Geology	28,600
W. Richard Moore Assistant Professor of Geology	18,620
Raymond K. Mueller Professor of Mathematics	22,660
William M. Mueller Professor of Metallurgical Engineering and Head of Department	36,680
Karl R. Nelson Assistant Professor of Basic Engineering	20,730
Karl R. Newman Professor of Geology	25,510
David L. Olson Professor of Metallurgical Engineering	26,960
Michael J. Pavelich Assistant Professor of Chemistry	19,010
Anton G. Pegis Professor of Humanities and Social Sciences	29,430
Harry C. Peterson Professor of Basic Engineering	27,060
Alfred Petrick, Jr. Coulter Professor of Mineral Economics	27,495
Thomas Philipose Associate Professor of Humanities and Social Sciences	18,740
George R. Pickett Professor of Geophysics	31,150
Herman Ponder Professor of Geology	no compensation

September 14, 1979

RECORD OF PROCEEDINGS

11

Robert T. Reeder Associate Professor of Mining Engineering	\$26,580
James M. Riddle Assistant Professor of Mining Engineering	21,920
Samuel B. Romberger Associate Professor of Geology	24,170
Philip R. Romig Associate Professor of Geophysics	25,950
Oded Rudawsky Associate Professor of Mineral Economics and Assistant Head of Department	25,090
Arthur Y. Sakakura Associate Professor of Physics	24,730
A. W. Schlechten Professor of Metallurgy and Director of the W. J. Kroll Institute for Extractive Metallurgy	36,250
Dave Ray Schmitz Assistant Professor of Mathematics	15,960
William A. Schneider Professor of Geophysics	34,800
Franklin D. Schowengerdt Associate Professor of Physics and Head of Department	24,810
John M. Shannon Assistant Professor of Geology and Director of the Geology Museum	17,130
E. Craig Simmons Assistant Professor of Chemistry and Geochemistry	16,660
Catherine A. Skokan Adjunct Assistant Professor of Geophysics	8,250
Maynard Slaughter Professor of Chemistry	26,920
E. Dendy Sloan Associate Professor of Chemical and Petroleum-Refining Engineering	20,220
Richard E. Stapp, Jr. Associate Professor of Physical Education and Athletics	21,480
Franklin J. Stermole Professor of Chemical and Petroleum- Refining Engineering	29,320

RECORD OF PROCEEDINGS

12

Robert J. Taylor Assistant Professor of Basic Engineering	\$22,720
John U. Trefny Associate Professor of Physics	18,470
Robert H. Trent Instructor in Mining Engineering	26,580
A. Keith Turner Associate Professor of Geology	23,150
Robert Underwood Assistant Professor of Mathematics	17,940
David M. Updegraff Professor of Geochemistry	26,390
Samuel E. Vandiver Professor of Humanities and Social Sciences and Head of Department	29,620
Craig W. Van Kirk Associate Professor of Petroleum Engineering	24,170
Kent J. Voorhees Assistant Professor of Chemistry	18,720
Robert A. Walsh Professor of Mathematics	27,080
Fun-Den Wang Professor of Mining Engineering and Head, Earth Mechanics Institute	31,100
Douglas W. Waples (fall term) Associate Professor of Chemistry	8,730
Joseph C. Weber Assistant Professor of Mineral Economics	17,670
Robert J. Weimer Getty Professor (Professor of Geology)	37,590
James W. White Professor of Geophysics	36,840
Thomas R. Wildeman Associate Professor of Chemistry	24,700
Beatrice E. Willard Professor of Environmental Science	26,100
John T. Williams Professor of Chemistry	32,090
Don L. Williamson Associate Professor of Physics	18,800

Robert D. Witters Professor of Chemistry	\$23,790
Robert E. D. Woolsey Professor of Mineral Economics and Head of Department	34,330
Ching H. Wu Associate Professor of Petroleum Engineering	22,040
Frank R. Yeatts Associate Professor of Physics	22,880
Victor Yesavage Associate Professor of Chemical and Petroleum-Refining Engineering	24,010
Thomas R. Young Adjunct Assistant Professor of Mining Engineering	3,475

1980 Summer Conference, July 10-13. Mr. Welles reported that the topic suggested for the next summer conference was "Student Life," which will include student activities, admissions, records, food service, social affairs, etc. He said he thought it was of value to have resource people as well as school personnel and student representatives.

Mr. Schwartzberg stated that he thought the subject was worthy of much attention, but he did think that there might well be a report of the progress of the profile study and also a report on the Humanities Department. Mr. Coors said he thought there should be an update on the progress toward our long-range plan - are we on schedule, what are our basic needs, should the table of needs be revised, etc. He said maybe some of our donors and prospects should be invited to attend the summer conference.

Mr. Welles noted all suggestions and stated he will return with a preliminary agenda at a later date.

Resources Communication Center. Dr. Golden reviewed the history and status of the Center. He stated that progress has been slower than had been anticipated and that funding and staffing have been problems. He stated that legislative leaders have been very supportive of work recently done by the Center, and have indicated a desire to fund a series of tapes on Colorado problems. Dr. Golden expressed some concern that should full legislative support be offered and accepted, Mines might be caught in a political crossfire between the legislative and executive branches. After some discussion in which the sensitivities of the situation were noted, it was agreed that we have the technical and production capability to produce useful documentary type films and an obligation to make these capabilities available to the State.

It was moved, seconded, and passed that the administration be authorized to negotiate the video agreement with the legislature, subject to Board review and approval at its October meeting.

RECORD OF PROCEEDINGS

14

1980-81 Budget. Mr. Scott reported that after the Board approved parameters at the July meeting, the request had come from the Governor's office for a 1980-81 budget using a straight 7 percent increase. He said his staff has compiled figures both ways and he distributed copies of this analysis. President McBride stated we are asking for approval of the decisions implicit in the budget showing the 7 percent increase - the division among the line items - and stated we shall present both the standard engineering budget and the deviations from it occasioned by the 7 percent limitation to the JBC.

Upon motion made, seconded, and passed, the Board approved the submittal of these two budget requests.

Saturday, May 10, 1980, Commencement. President McBride stated that after due consideration and consultation with alumni officials, Commencement for 1980 has been scheduled for Saturday, May 10.

The Board approved this change.

Gifts Committee. Mr. Coors, acting in his capacity as President of the Board, appointed Messrs. Stockmar, Pascoe, and Wilson to serve as the Board Gifts Committee.

The meeting adjourned at 11:50 a.m.


Secretary

RECORD OF PROCEEDINGS

Golden, Colorado
October 12, 1979

The Board of Trustees met in regular session at 9:00 a.m. in the Board Room following a presentation by the Head of the Department of Physical Education and Athletics, Professor Bruce Allison.

Present: Messrs. Aab, Coors, Fogarty, Grynberg, Pascoe, Schwartzberg, Stockmar, and Wilson.

Dr. Fogarty presided.

Also attending the meeting were President McBride, Vice Presidents Mueller and Scott and members of the staff.

Previous Minutes. The minutes of the meeting held on September 14, 1979 were approved as distributed.

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

Mark W. Furlong Part-time Instructor in Chemical & Petroleum-Refining Engineering (fall semester)	\$ 1,500
Jay E. Gillette Instructor in Humanities & Social Sciences	15,000
Jerald E. Jones Assistant Research Professor, Metallurgical Engineering	16,000
Mark S. Trasko Visiting Assistant Professor, Basic Engineering	19,500
Thomas D. Riley Visiting Assistant Professor, Humanities and Social Sciences (fall semester)	7,750
Karen B. Wiley Instructor in Humanities and Social Sciences (fall semester)	7,500

Reappointments:

Richard L. Bain Visiting Assistant Professor of Chemical & Petroleum-Refining (12 months)	24,616
Martin B. Goldhaber Advisory Scientist, Chemistry and Geochemistry	no compensation

October 12, 1979

RECORD OF PROCEEDINGS

2

Robert D. Hamilton Visiting Assistant Professor, Geology	15,500
Glenn E. Handwerk Adjunct Professor, Chemical & Petroleum-Refining	1,000
Wayne C. Hazen Adjunct Professor, Metallurgical Engineering (fall semester) (Appointment for spring semester with compensation to be determined by teaching assignment)	no compensation
Robert D. Knecht Adjunct Assistant Professor, Chemical and Petroleum-Refining Engineering (fall semester)	1,800
Norma F. Law Adjunct Assistant Professor of Mathematics (fall semester) (Appointment for spring semester with compensation to be determined by teaching assignment)	4,800

Change in salary:

Paul L. Treece Manager of Computing Center and Assistant Professor of Mathematics	23,000
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New Assignments. Dr. Mueller reported to the Board on two changes in the Petroleum Engineering Department, effective January 1, 1980:

Daniel M. Bass Kerr-McGee Professor	36,000
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Craig Van Kirk
Appointed Acting Department Head with
\$1,000 (per semester) increase in salary

Monthly Financial Reports. Mr. Scott presented the monthly financial reports: Consolidated Board Report for three months ending September 10, 1979; Budget Report as of September 30, 1979; CERI Budget Report as of September 30, 1979; and the Investment Report of October 10, 1979.

Enrollment Report. Dean Nyikos reviewed the official enrollment figures for Fall 1979, including total headcount of 2845.

During the ensuing discussion of progress toward the 3000 headcount goal, the subject of attrition, which obviously affects enrollment directly, was brought up, and Dean Nyikos agreed to furnish the Board with pertinent facts on attrition here and in comparable institutions. Dean Nyikos will also provide, as available, average total semesters required for undergraduate degrees.

October 12, 1979

RECORD OF PROCEEDINGS

3

Commencement. President McBride informed the Board that there have been several preliminary discussions as to whether the diploma granting ceremony held at the end of the first semester each December should be elevated to a commencement, as nearly as possible, equal to that held in May. He stated he has held some discussion with Mr. Mitchell, Executive Director of the Alumni Association, with regard to involving the alumni to a larger extent in the December ceremony. Mr. Mitchell has supported the proposals by scheduling and promoting an alumni banquet the evening before, as is done prior to the May commencement.

President McBride stated that the discussions addressed such questions as whether there should be a speaker at the December ceremony, whether there should be more, or perhaps full, Board and faculty participation, and whether some or all medals should be presented at the December ceremony. There is an increasing number of degrees being granted in December, and there is understandable pressure from students to make the December ceremony more resemble the May exercises.

Mr. Stockmar expressed some concern that the Distinguished Achievement Medal presentations were not receiving due prominence at the May ceremonies. He thought perhaps we are no longer doing justice to this particular award.

A photograph of the new Mines Medal was shown to the Board members.

It was the consensus that, given this short notice, the administration be instructed to implement changes in the format of the December ceremony to give it more significance. The matter of awarding medals at the December event will be given further consideration, recognizing that it will not be possible this year.

Resources Communication Center. President McBride reminded the Board that at the September meeting there was a discussion of a possible contract with the State of Colorado and that the administration was instructed to come back to the Board for approval of any final arrangements.

Dr. Golden reviewed recent developments: i.e., legislative leaders and the Governor have reached an agreement that the project should be undertaken with financing shared by the legislature, CERI, and possibly the Governor's fund; that a committee of eight review scripts and tapes prior to release; that CSM administer program and have internal review committee to insure program quality; that two or three videotapes are to be delivered by March 1, 1980.

In the ensuing discussion Mr. Coors expressed the hope that the Board will be able to review each tape before release. The importance of impartiality was stressed, lest the School be branded by a particular label; also we must give attention to competing resources. The entire matter seemed of sufficient importance that a written status report should be submitted to the Trustees in connection with each Board meeting. This the administration agreed to do.

RECORD OF PROCEEDINGS

4

Upon motion made, seconded, and passed, the agreement was approved, subject to aforementioned considerations.

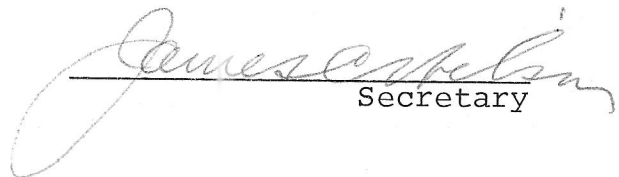
The meeting recessed for an executive session, after which it convened and the following actions were taken.

EMI Building. Following a brief report on difficulties with scheduling and costs for the proposed back-campus, EMI "dirty research" building, the Board instructed the administration to persist in reviewing the options to house this research and to report further to the Board at early opportunity.

ATO. Mr. Scott reporting on the outcome of the ATO property evaluation commission meeting, stated that after hearing three days of testimony the condemnation price as of January 1, 1979 had been established as \$207,648. Our appraisal had been \$120,000 and ATO's appraisal had been \$170,000.

The Board instructed the administration to make a specific compromise offer to ATO and to proceed promptly with legal appeal of the \$207,648 award if the offer is rejected.

The meeting adjourned at 12:15 p.m.


Secretary

RECORD OF PROCEEDINGS

Golden, Colorado
November 9, 1979

The Board of Trustees met in regular session at 9:00 a.m. in the Board Room.

Present: Messrs. Coors, Fogarty, Grynberg, Pascoe, Schwartzberg, Stockmar, and Wilson.

Absent: Mr. Aab.

Mr. Grynberg presided.

Also attending the meeting were President McBride, Vice Presidents Mueller, Scott, and Welles, various staff members and a representative of the press.

Faculty Productivity Study. President McBride introduced Dr. Thomas R. Mason, educational management consultant, who had been retained by the Colorado Commission on Higher Education as Project Manager to develop a plan for assessing and increasing faculty productivity in conformance with Footnote 38A of the 1979 long bill. The report is required to be presented to the Education Committees and the Joint Budget Committee no later than January 8, 1980.

Dr. Mason reported on the research he has done on the subject in other states as well as Colorado and stated his conclusion that the formula budgeting for faculty FTE developed by the colleges and universities over a period of several years is a credible method, recognizing particularly that it has been in use by the JBC (in conjunction with a second set of guidelines for FTE enrollment).

It had been recognized from the beginning of the work that measurement of productivity is a very difficult thing, and it was pointed out that the system itself, i.e. the state restrictions upon our autonomy, is damaging our ability to produce; e.g. it is damaging faculty morale which fact in itself is not conducive to high productivity. Dr. Mason stated that he intends to make this point in the final report.

Mr. Grynberg thanked Dr. Mason for his presentation.

Previous Minutes. The minutes of the meeting held on October 12, 1979 were approved as distributed.

New Faculty Appointments. Dr. Mueller reviewed the new appointments as follows:

Charles W. Berry	\$3,300
Adjunct Professor of Mineral Economics	

Ofiafate Ofrey	750 per mo.
Research Associate, Geophysics Department (period October 1, 1979 through January 31, 1980)	

RECORD OF PROCEEDINGS

2

Monthly Financial Reports. Mr. Scott made available the monthly reports as follows: Consolidated Board Report as of October 31, 1979; CERI Budget, as of October 31, 1979; Budget, CSM, as of October 31, 1979; and the Investment Report as of November 6, 1979.

Mr. Scott reported that we are operating within the accepted financial plan for the 1980 fiscal year.

Resources Communication Center. President McBride stated that in accordance with instructions to the administration at the last meeting, a report will be made each month on progress.

Dr. Golden reported that four staff members have been employed and other additions to the staff are under consideration. The internal review committee has been appointed and four topics are being discussed for the video tape project. After some discussion it was requested that next month there be presented a chart of anticipated progression from then until March 1, 1980.

Budget Presentation. Mr. Martin Robbins reviewed briefly the outline prepared for the yearly budget presentation scheduled for November 19. Mr. Robbins has developed a set of budget figures to emphasize the fact that in constant dollars our budget has decreased since 1971. Mr. Robbins along with other staff members will continue work on the presentation. The hearing is scheduled for 2:30 - 5:00 p.m., November 19.

Campus Plan. Mr. Hideo Sasaki, campus planner and architect, appeared to discuss the progress of our campus development. Mr. Sasaki had been asked to consider particularly the question of using versus demolishing Chauvenet and Stratton Halls when the Mining and Basic Engineering Departments move into Brown Hall in late 1980. He stated that both are usable buildings, that both, perhaps especially Chauvenet, occupy sites which are important to be used for buildings in the long run, and that Stratton is architecturally the more desirable of the two since it is of the proper height and reflects the architecture of Guggenheim Hall. Mr. Sasaki stated that it would not be desirable to demolish Chauvenet and leave the site vacant pending the use of the latter for a future building.

After a brief discussion Mr. Sasaki was thanked, and he excused himself from the meeting.

ATO House Planning. Mr. John Beers, representing the ATO Home Association, appeared and asked the Board for modification of the rules and regulations established for fraternity houses on West Campus Road. He stated the chapter wishes to talk with an architect about a house to accommodate 20-25 men with no housemother quarters and no kitchen and dining facilities. The ATO chapter wishes to build a 5,000 sq. ft. house with intention to add later.

President McBride stated that in his view the elimination of housemother quarters presents no problem in that only a very few fraternities have housemothers now. He said, however, that the other variances did present problems in that we must maintain equity with the other fraternities and also should not set precedent for other variances. Concern was

C E R T I F I E D R E C O R D

of proceedings of

BOARD OF TRUSTEES

of

COLORADO SCHOOL OF MINES

authorizing the issuance of its

DORMITORY AND STUDENT CENTER REVENUE ANTICIPATION WARRANTS

IN THE PRINCIPAL AMOUNT OF \$4,525,000

DATED JULY 1, 1979

Original signed document in the
Office of Vice President for Business
Affairs.

STATE OF COLORADO)
) ss.
COUNTY OF SUMMIT)

The Board of Trustees of Colorado School of Mines convened in regular meeting on the 14th day of July, 1979, at Keystone Lodge, Keystone, Colorado, at 1:00 o'clock p.m., with the following members and officers of the Board present:

President:	W. K. Coors
Vice President:	Fred R. Schwartzberg
Secretary:	James C. Wilson
Assistant Secretary:	Monte Pascoe
Assistant Treasurers:	Ted P. Stockmar
	Jack J. Grynberg
	Charles F. Fogarty

with the following members of said Board absent:

President W. K. Coors, Student Trustee Douglas Aab, constituting a quorum of the said Board, at which meeting the following, among other business, was transacted.

Member Schwartzberg introduced a Resolution which was read by the Secretary. Member Stockmar moved that the Resolution be adopted. Member Fogarty seconded this motion.

The motion, carrying with it the adoption of the Resolution, prevailed by the following vote:

AYES:

~~W. K. Coors~~
Fred R. Schwartzberg
James C. Wilson
Monte Pascoe
Ted P. Stockmar
Jack J. Grynberg
Charles F. Fogarty

NOES: None

The Resolution as adopted is as follows:

R E S O L U T I O N

A RESOLUTION AUTHORIZING COLORADO SCHOOL OF MINES DORMITORY AND STUDENT CENTER REVENUE ANTICIPATION WARRANTS IN THE PRINCIPAL AMOUNT OF \$4,525,000 TO PROVIDE FUNDS TO COMPLETE CONSTRUCTION OF THE PROJECT AND TO LIQUIDATE OUTSTANDING WARRANTS DATED SEPTEMBER 1, 1977; PROVIDING FOR PAYMENT OF THE NEW WARRANTS AND THE INTEREST THEREON; AND PROVIDING OTHER DETAILS IN CONNECTION THEREWITH.

WHEREAS, the Board of Trustees of Colorado School of Mines (the "Board") is empowered by virtue of its organization under the Constitution and laws of the State of Colorado, particularly Title 23, Articles 5 and 41, Colorado Revised Statutes 1973, as amended, to have general control and supervision of Colorado School of Mines, at Golden, Colorado (the "School"), and power to do all things incidental thereto, including the power to contract for the advancement of moneys for the construction and equipping of housing and dining facilities and the purchase of land at the School and to issue revenue bonds or interim warrants to evidence the advancement of moneys, and generally the power, within statutory limits, to bind itself to the performance of obligations; and

WHEREAS, the Board is constructing and equipping a student dormitory to house approximately 245 students and purchasing land therefor, and constructing and equipping additional student center facilities (the "Project") on the campus of the School at Golden, Colorado; and

WHEREAS, the Board has heretofore issued its Dormitory and Student Center Revenue Anticipation Warrants dated September 1, 1977 in the principal amount of \$3,785,000, due and payable September 1, 1979 (the "1977 Warrants"), to provide funds for this purpose; and

WHEREAS, the 1977 Warrants provide that they may be