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RECORD OF PROCEEDINGS

Golden, Colorado
June 13, 1975

The Board of Trustees met in regular session at 9:00 a.m., June 13, 1975, in the Board Room of the Colorado School of Mines.

Present: Messrs. Bradley, Coors, Fogarty, Grynberg, and Stockmar.

Absent: Mr. Eisenach.

Mr. Ronald F. Weiszmann, trustee designate, attended the meeting.

Mr. Stockmar, President of the Board, presided.

Also attending were President McBride, Vice Presidents Gary, Scott, and Welles, and Dean Copeland.

Previous Minutes. The minutes of the meeting held on May 8, 1975 were approved.

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

David F. Bagster	\$ 7,000
Visiting Associate Professor of Metallurgical Engineering (fall semester)	
Charles W. Berry	no compensation
Adjunct Professor of Mineral Economics (fall semester)	
Allan F. Divis	13,000
Assistant Professor of Geology	
Matthew J. Hrebar	6,000
Part-time Instructor in Mining Engineering	
Joan R. Hundhausen	13,800
Assistant Professor of Mathematics	
David Wirth	1,800
Adjunct Associate Professor of Metallurgical Engineering (fall semester)	
Ching H. Wu	16,750
Associate Professor of Petroleum Engineering	

U.S.G.S. Building. Mr. Scott reviewed the status of the proposed building. He has been informed of an unexpected and apparently unprecedented adverse

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ruling by IRS, i.e. the interest income to the prospective bond holders will not be considered tax free because the tenant is the U. S. Government. The bonding company thinks we can proceed by the issuance of taxable bonds. The GSA is concerned about this added cost but does consider itself committed to a formula previously agreed upon in computing the lease payment. It is believed by the bonding company that an interest rate can be negotiated between that of Triple A corporate and long-term government agency.

The architect's fee was discussed. Mr. Scott said the fee as negotiated between the architect and the State and agreed upon by the School is 7 percent of construction cost with a maximum of \$210,000. Two principal points were brought out; first, that the fee of 7 percent might be, or might have been, negotiated down to an area of 5 to 6 percent, and second, that on the other hand the 7 percent fee is a reasonable one provided the proposed state contract contains adequate provision against unrestrained extra charges on the part of the architect.

It was the consensus that the 7 percent fee was about right and that we can expect the State to protect against the extra charge question. Mr. Scott was instructed to secure copy of the proposed state contract at early convenience and transmit to Mr. Stockmar in advance of request to sign.

On this basis a motion was made, seconded and passed that Mr. Stockmar be authorized to sign the contract with the architect, Johnson-Hopson Associates, for the U.S.G.S. building.

Legislation.

S.281. Gifts to Higher Education. Mr. Welles reported that this legislation has passed the House, the Senate, and has been signed by the Governor.

H.B. 1234. "Instant Tenure." CSM has been amended out of this bill, along with the three other universities. The bill is now before the conference committee. As far as we know, we shall be left out of bill.

H.B. 1232. Enlargement of Boards of Control. This bill has been amended to read that boards will be increased by only an advisory student member. It is pending before the conference committee.

H.B. 347. Collective Bargaining for Public Employees. This bill has been through the House who rewrote it; now back in the conference committee.

Long Bill. This was amended in House to restore approximately \$53,000 to our appropriation. We had attempted to secure restoration of \$371,000.

1974-75 Supplemental Appropriation. Of the \$330,000 requested, we received \$212,000 apparently.

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Admissions. Dr. Gary reviewed the latest admissions report. Applications accepted are up 14 percent over a year ago. We have now accepted a total of 658 new undergraduate students. President McBride said we are trying to adjust new student enrollment to meet the budget figure as precisely as possible. It was recognized that the Board might at a subsequent meeting be asked to establish an actual number limit on new student admission or enrollment or both.

July Meeting. Mr. Welles distributed a tentative schedule for the July meeting at Vail. Suggestions were made and the schedule was changed accordingly.

Student Fees. Mr. Scott reviewed a schedule showing tuition, fees, room and board costs, and property rentals. Upon motion made, seconded, and passed, the schedule, shown below, was approved.

	<u>Present Rate</u>	<u>Proposed Rate</u>
Room and board:		
<u>Caldwell, Bradford, Randall, Morgan, and Thomas</u>		
Academic year -		
Double room & board		
Double room	\$385	
Board, 5 day 15-meal plan	600	
	<u>\$985</u>	\$ 985
Double room	385	
Board, 6 day 18-meal plan	660	
	<u>1,045</u>	1,045
Single room & board		
Single room	435	
Board, 5 day 15-meal plan	600	
	<u>1,035</u>	1,035
Single room	435	
Board, 6 day 18-meal plan	660	
	<u>1,095</u>	1,095
Dormitory activity fee	6	6
Summer session -		
Double room & board		
5 day 15-meal plan	-	250
6 day 18-meal plan	244	265
Single room & board		
5 day 15-meal plan	-	263
6 day 18-meal plan	256	278

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Rentals:

	<u>Present Rate</u>	<u>Proposed Rate</u>
<u>Golden Ridge Apartments</u>		
Academic year -		\$ 575
 <u>Prospector Village</u>		
Single student apartment		
Academic year -	\$500	no change pro-
Summer session -	125	posed
Married student apartment		
Monthly rate -		
1-bedroom	110	"
2-bedroom	120	"
3-bedroom	130	"
 <u>Prospector Park</u>		
Monthly rate -		
1-bedroom apartment	65	"
2-bedroom apartment	75	"
 <u>Mines Park</u>		
Monthly rate -		
Buffet apartment	110	"
1-bedroom apartment	140	"
2-bedroom apartment	155	"
2-bedroom house (37, 38, 39)	180	"
2-bedroom house (25, 26, 27, 28)	195	"
2-bedroom house (30, 31, 34, 35)	160	"
3-bedroom house	175	"

Tuition and fees:

<u>Student Load</u>	<u>Proposed Resident/Sem.</u>	<u>Proposed Nonresident/Sem.</u>
9.5 or over	\$266	\$1,062
8.5 through 9 sem/hrs.	239	956
7.5 through 8 sem/hrs.	213	850
6.5 through 7 sem/hrs.	186	743
5.5 through 6 sem/hrs.	160	637
4.5 through 5 sem/hrs.	133	531
3.5 through 4 sem/hrs.	106	425
up to 3 sem/hrs.	80	319

Fees - no change proposed

Semester -	
Health and Accident	\$34.50
Associated Students	9.50
Athletic	15.00
Student Center	20.00
	\$ 79.00

Summer Session Field Courses

Tuition	\$127	\$441
*Health & Accident Fee	\$ 4.50	
Student Center, on-campus	8.00	

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	<u>Proposed Resident/Sem.</u>	<u>Proposed Nonresident/Sem.</u>
<u>Summer Session Academic Courses</u>		
Tuition, same as regular academic semester		
*Health & Accident Fee	\$ 6.00	
Student Center Fee	9.50	
 <u>Intensive English Course</u>		
Tuition		\$ 755
*Health & Accident Fee	10.00	
Student Center Fee	9.50	
Summer Activity Fee	15.00	
Orientation Course Only		
Student Center Fee	9.50	
 <u>Graduate Field Courses</u>		
Tuition/6 weeks	\$127	441
*Health & Accident Fee		
6 weeks	4.50	
(for 3 week field course, divide costs by two)		
 <u>Thesis Research - Summer</u>		
Tuition, minimum 3 sem/hrs (tuition is same as for 14 or 8 weeks)		
*Health & Accident Fee		
14 weeks	10.50	
8 weeks	6.00	
Student Center Fee, if on campus	9.50	
 <u>Thesis Fees</u>		
Master's	44.00	
Ph.D.	79.00	

* Infirmary services only. Insurance premium \$15 for coverage, June through August, or any portion thereof.

Graduation Fees. After some discussion, and certain instructions, the Board delegated to the administration the setting of charges for a new graduation fee to be established effective for the 1975-76 school year. ✓

Mining Building. Mr. Welles had prepared for distribution a pre-proposal on the building and also an outline for specific action requests. He asked that the Board authorize expenditure for detailed preliminary plans and also that the Board authorize investigation into fund raising programs.

The members of the Board were enthusiastic about the proposed building, recognizing the long-standing need for a building that would do justice to the department which through decades of service has brought renown to the School and to the State. They endorsed the entire concept and had many helpful suggestions to make on the raising of private funds for the building.

The administration was authorized to request CSM Foundation funds necessary for preliminary plans. Mr. Welles was authorized to investigate fund raising programs, and he said he also wanted to prepare a plan of his own. ✓

Upon motion by Dr. Fogarty, seconded by Mr. Coors, the proposal for a new mining building was heartily approved.

Financial Statements. Mr. Scott made available copies of the monthly financial statements as follows: Summary of Budgets, July 1, 1974 through June 30, 1975; Budget Summary for Education and General Fund, as of May 31, 1975; Budget Summary for Dormitory System Fund, as of May 31, 1975; Budget Summary for Housing System Fund, as of May 31, 1975; Budget Summary for Rental Properties Fund, as of May 31, 1975; Budget Summary for Health & Accident Fund, as of May 31, 1975; Budget Summary for Intercollegiate Athletic Fund, as of May 31, 1975; Budget Summary for Office of Research Services Contract Fund, as of May 31, 1975; Budget Summary for Associated Students Fund, as of May 31, 1975; Budget Summary for Colorado Energy Research Institute, as of May 31, 1975; Budget Summary for Publications Fund, as of May 31, 1975; Budget Summary for Special Programs Fund, as of May 31, 1975; and the Budget Summary for Public Service Fund.

CSM Investment Report. Mr. Scott distributed copies of the CSM Investment Report of May 31, 1975.

1962 Bond Issue: Dormitory System Revenue Fund.
1966 Bond Issue: Housing System. Other Auxiliary Enterprises. The reports showing supporting data for these were made available to the Board.

Mr. Coors and Mr. Bradley left the meeting at this time.

Tentative 1975-76 Budget. The budget for 1975-76 in the amount of \$8,584,782 was approved to allow the administration to spend necessary funds until formal approval of the definite budget can be approved at the next meeting.

The meeting adjourned at 1:00 p.m. Items 2 and 3 on the agenda concerning the election and appointment of officers for the ensuing biennium not having been dealt with, these items will be considered at an adjourned session of this June meeting to be held in connection with the scheduled July meeting in Vail, Colorado.

Assistant Secretary

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The Board of Trustees met in an adjourned session of the June 13, 1975 regular Board meeting held at the Rams-Horn Lodge, Vail, Colorado, July 10, 1975.

Present: Messrs. Bradley, Coors, Fogarty, Grynberg, Reeves, and Stockmar.

Absent: Mr. Eisenach.

Mr. Stockmar, President of the Board, presided.

Also attending were President McBride and Dr. Alter.

President Stockmar opened the meeting with the announcement that this constituted an adjourned session of the regular June meeting to deal with the agenda items, Nos. 2 and 3, of that meeting as listed below:


Election and appointment of officers of Board.

Appointment of representative to CSM Foundation Board.

It was moved, seconded, and passed unanimously, Mr. Stockmar abstaining, that the present officers of the Board be elected for the ensuing biennium, with the substitution of Mr. Grynberg in the office formerly held by Mr. Alexander.

Accordingly, the officers of the Board for the 1975-77 biennium are:

Ted P. Stockmar, President
Leo N. Bradley, Vice President
Edwin J. Eisenach, Secretary
John A. Reeves, Assistant Secretary
W. K. Coors, Assistant Secretary
Charles F. Fogarty, Assistant Treasurer
Jack J. Grynberg, Assistant Treasurer



It was understood that Board President Stockmar will consider the matter of officer appointments, as for example a member of the Board to be a member of the Board of Directors of the CSM Foundation, Inc., and will notify of these appointments at an early date.

Assistant Secretary

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RECORD OF PROCEEDINGS

Vail, Colorado
July 10, 1975

In substitution of the regular July, 1975 meeting, the Board of Trustees met in special session on July 10, 1975 at 5:00 p.m. in the Conference Room of the Ram's Horn Inn, Vail, Colorado.

Present: Messrs. Bradley, Coors, Fogarty, Grynberg, Reeves, and Stockmar.

Absent: Mr. Eisenach.

Mr. Stockmar, President of the Board, presided.

Also attending were President McBride, Vice Presidents Gary, Scott, and Welles; Deans Copeland and Culver; and Dr. Alter. Visitors included Dr. Babcock, Dr. Bowersox, Dr. Finney, Mr. Femmer, and Mrs. Gibson (Golden Transcript).

Previous Minutes. The minutes of the meeting of June 13, 1975, page 2, paragraph 3, were amended to read "... the architect, Johnson-Hopson Associates,..." The minutes were approved as amended.

Reports.

New Faculty Appointments. Dr. Gary reported on new faculty appointments as follows:

Wayne Hazen Adjunct Professor of Metallurgical Engineering	\$3,000
Fred R. Leffler Associate Professor of Electrical Engineering (Department of Basic Engineering)	18,000
Gregory K. Staff Admissions Counselor	13,500
Donald L. Williamson Assistant Professor of Physics	13,500

Dr. Gary announced that vacancies in the Chemical and Petroleum-Refining Engineering and the Mining Engineering Departments had been filled subsequent to the compilation of the list.

U.S.G.S. Building. Mr. Scott reported on the project, stating that the costs had been reviewed with the architect and that the lease rates based on these costs and the probable rates of interest had been discussed with the General Services Administration on this date. Mr. Luikens of GSA indicated his acceptance

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of these figures. A very preliminary model of the proposed structure was shown to the Board. The present schedule calls for the completion of design in approximately four months, the allowance of one month for bidding, and twelve months for construction. ✓

Legislation. Mr. Welles discussed the actions of the recently adjourned legislature, reported to the Board in advance by letter copy. Mr. Bradley urged the planning of a more extensive legislative program for future legislatures.

Admissions. Dean Culver discussed the most recent admissions report and indicated that the most probable numbers are 470 freshmen and 147 transfer students following registration in August. This should result in a student body slightly greater than the budgeted 2,170 FTE. He is examining recent attrition trends and believes that the rate may be declining, which would result in a higher enrollment of returning students.

Mr. Grynberg entered the meeting, 6:10 p.m.

Mr. Reeves asked about our ability to house the increased enrollment. Mr. Scott replied that although the college-owned housing was filled, arrangements had been made to house 164 students in the Golden Ridge Apartment complex and at this time those spaces have not been completely assigned. It is anticipated they will be completely filled by the time of registration.

Charles Henry Green Professorship. Dr. McBride reported on the funding of the Professorship by Cecil and Ida Green, who have pledged \$600,000. Discussion followed concerning the importance of such chairs and the suggestion was made that the term Endowed Professorship be applied to clarify the nature of the funding and to emphasize the separation from State funding. This matter is to be taken under advisement by the President. ✓

It was moved, seconded, and unanimously passed that the following resolution be adopted expressing the gratitude of the Board.

WHEREAS, the Board of Trustees of the Colorado School of Mines has been apprised of the letter of gift under date of June 26, 1975 from Cecil H. and Ida M. Green of Dallas, Texas to the Colorado School of Mines Foundation, Inc. pledging to the Foundation the sum of \$600,000 to establish at the Colorado School of Mines a Chair in Exploration Geophysics; and

WHEREAS, the Trustees, both individually and as a Board, are both deeply moved by and extraordinarily grateful for this act of generous benevolence on the part of Cecil H. and Ida M. Green; and

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WHEREAS, the Board of Trustees is fully aware of the significance of the establishment of this Chair not only to the development of the discipline of exploration geophysics but in the life of the School as it seeks to move toward excellence in all mineral engineering disciplines; therefore

BE IT RESOLVED:

That the Board of Trustees of the Colorado School of Mines fully endorses and supports the action of the Foundation in executing the letter of gift of June 26, 1975; and

That the Board of Trustees of the Colorado School of Mines binds itself and its successors to take and to cause to be taken every action required of the School to achieve the purposes of the gift and, insofar as it is able, apart from the Foundation, to comply with the conditions of the said letter of gift of June 26, 1975; and

That the Board of Trustees of the Colorado School of Mines herewith and by these presents establishes in perpetuity in the Department of Geophysics and successor departments, of the School the Charles Henry Green Chair in Exploration Geophysics in honor and in memory of the father of Cecil H. Green, Charles Henry Green, a mining artisan and supervisor of integrity and distinction; and

That the Board of Trustees of the Colorado School of Mines directs that the incumbent of the Chair be designated and titled the Charles Henry Green Professor of Exploration Geophysics; and

That the Board of Trustees of the Colorado School of Mines convey to Cecil H. and Ida M. Green with respect and affection its warmest thanks and most sincere gratitude for this gift, which not only immeasurably extends their record of outstanding generosity to the School but expresses in permanent form their profound understanding of the fundamental values of professional mineral engineering teaching and research.

Retirement - Edward G. Fisher. President McBride recommended that emeritus status be bestowed upon Professor Edward G. Fisher who is retiring at the end of the summer.

It was moved, seconded, and passed that in recognition of Professor Fisher's 34 years of distinguished service he be named Professor Emeritus.

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Academic Leave - Dr. John Kline. Dr. Gary recommended that a leave of absence at one-fourth pay be granted to Dr. John Kline to allow him to spend the fall semester at the Los Alamos Laboratories completing work begun last year. It was moved and seconded that the leave be granted. Carried.

A discussion of the School sabbatical leave policy was held, and Dr. McBride stated his intention to prepare a report for the Board concerning the application of such policy.

Faculty and Staff Salaries. President McBride introduced a list of the proposed salaries for the contract personnel for the September 1, 1975 to August 31, 1976 contract year and asked that the Board approve the rates as set forth. It was moved and seconded that the list as appended (A) be approved with the exception of that specified for Dr. McBride, consideration of which was to be adjourned for later review by the Board. Carried.

Property - 14th and Maple. Mr. Scott reported that residential property at the corner of 14th and Maple, included within the Master Plan, would be placed for sale in the near future. He further reported that the School did not have sufficient uncommitted funds to allow it to purchase the property at this time. He requested the Board to adopt a resolution asking the Colorado School of Mines Foundation, Inc. to acquire the property with the understanding that the School would purchase it as soon as funds were available and the appropriate State approval was received.

It was moved, seconded, and unanimously passed that the following resolution be adopted.

WHEREAS, the Colorado School of Mines physical master plan includes property in Block 49, Lots 1, 2, and 3, South Side of Clear Creek, City of Golden, not now owned by the School; and

WHEREAS, that property may be placed for sale in the immediate future; and

WHEREAS, Colorado School of Mines has no funds available for such use at this time; therefore

BE IT RESOLVED, that the Colorado School of Mines Foundation, Inc. be requested by this Board of Trustees to purchase the described property at a fair price with the understanding that Colorado School of Mines will in turn purchase the property at such time as funds are made available and appropriate State approval is secured.

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1975-76 Operating Budget. Mr. Scott introduced the 1975-76 operating budget, which had been updated with information that had become available following the June 13 meeting, and asked that the Board grant its approval.

It was moved and seconded that the proposed budget in the amount of \$8,665,040 be adopted. Carried.

Line Item Budget Breakdowns. President McBride requested authorization from the Board to administer the funds appropriated to the Colorado School of Mines for 1975-76 fiscal year in a manner which would maximize their value to the School and best further the achievement of the goals established for the year, even if such administration required that deviations be made from the line items within the appropriation. It was moved and seconded that this authorization be granted. Carried unanimously.

1976-77 Budget Parameters. The 1976-77 budget parameters were introduced and information was provided to show the probable effect of their application upon the level of expenditures.

Time did not permit discussion of the proposed parameters.

Financial Statements. Mr. Scott made available to the Board members the monthly financial statements and the CSM Investment Report.

At 7:30 p.m. President Stockmar adjourned the meeting.

Assistant Secretary

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A-1

John F. Abel, Jr. Professor of Mining Engineering	\$21,630.00
Julia A. Alexander Assistant Professor of Humanities and Social Sciences	14,460.00
William R. Astle Assistant Professor of Mathematics	18,020.00
Henry A. Babcock Professor and Head of Department of Basic Engineering	27,030.00
Charles Baer Assistant Professor of Mathematics	14,340.00
Geraldine D. Bariani Librarian	14,010.00
Daniel M. Bass Professor and Head of Department of Petroleum Engineering	26,750.00
George T. Bator Professor of Mining Engineering	23,770.00
Victor W. Bauman Associate Professor of Mathematics	17,040.00
Ramon E. Bisque Adjunct Professor of Chemistry and Geochemistry (1/2 time basis)	12,675.00
Harold Bloom Associate Professor of Geology	19,810.00
Ardel J. Boes Associate Professor of Mathematics	19,400.00
Ralph B. Bowersox Professor of Physics and Head of Department	25,140.00
Walter L. Bradley Associate Professor of Metallurgical Engineering	19,350.00
Fritz S. Brennecke Professor and Head of Department of Physical Education and Athletics	23,280.00
Austin R. Brown, Jr. Director of Computing Center and Professor of Mathematics	26,800.00
James T. Brown Associate Professor of Physics	17,840.00

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A-2

William R. Bull Associate Professor of Metallurgical Engineering	\$20,630.00
Jerrold J. Burnett Associate Professor of Physics	19,400.00
Nicholas P. Callas Assistant Professor of Mathematics	15,960.00
Robert H. Carpenter Professor of Geology	22,750.00
W. John Cieslewicz Assistant Professor of Humanities and Social Sciences and Assistant Professor of Mineral Economics	15,250.00
Bernetta Conrey Departmental Assistant	14,000.00
W. D. Copeland Dean of the Graduate School and Professor of Metallurgical Engineering	28,840.00
Catharine S. Cross Librarian	13,110.00
Richard S. Culver Dean of Students	23,540.00
Stephen R. Daniel Assistant Professor of Chemistry	15,950.00
James Darden Associate Professor of Physical Education and Athletics	18,940.00
Joseph E. Davies Professor of Physical Education and Athletics	18,940.00
Richard H. DeVoto Associate Professor of Geology	19,430.00
Dean W. Dickerhoof Professor of Chemistry	19,620.00
Donald I. Dickinson Associate Professor of English	17,710.00
Philip F. Dickson Professor and Head of Department of Chemical and Petroleum-Refining Engineering	26,190.00
Sophronia Dyar School Nurse	11,630.00

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Kenneth W. Edwards Associate Professor of Chemistry	\$15,280.00
Rudy C. Epis Professor of Geology	23,930.00
Elsie Christine Ericson Librarian	12,440.00
Robert F. Faddick Associate Professor of Basic Engineering	17,430.00
Donald W. Fausett Assistant Professor of Mathematics	16,420.00
Carl A. Fawcett Director of Housing, Student Center, and Green Center	18,300.00
L. David Femmer Budget Officer and Personnel Officer	22,300.00
Joseph J. Finney Professor and Head of Department of Geology	24,380.00
S. Dale Foreman Associate Professor of Basic Engineering and Affirmative Action Officer	19,300.00
Charles O. Frush Associate Professor of Mining Engineering	17,190.00
James H. Gary Vice President for Academic Affairs and Professor of Chemical and Petroleum-Refining Engineering	37,500.00
Richard D. Gauthier Associate Professor of Basic Engineering	18,700.00
Donald W. Gentry Associate Professor of Mining Engineering	19,990.00
John O. Golden Professor of Chemical and Petroleum-Refining Engineering and Director of Research Development	30,250.00
L. Trowbridge Grose Professor of Geology	23,790.00
Stanley M. Guralnick Assistant Professor of Humanities and Social Sciences	14,460.00

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A-4

Raymond R. Gutzman Associate Professor of Mathematics	\$17,710.00
Frank A. Hadsell Professor of Geophysics	23,340.00
John P. Hager Professor of Metallurgical Engineering	24,970.00
David W. Hall Associate Professor of Chemistry	15,960.00
John W. Hancock Associate Professor of Physical Education and Athletics	17,400.00
Peter E. Hartley Assistant Professor of Humanities and Social Sciences	15,020.00
John D. Haun Professor of Geology	24,820.00
Virginia Wilcox Herold Head Librarian	21,520.00
Douglas W. Hilchie Associate Professor of Petroleum Engineering	20,420.00
Carl L. Hiltrop Associate Professor of Chemistry	14,830.00
John A. Hogan Assistant Professor of English	16,350.00
Ralph C. Holmer Professor of Geophysics	24,750.00
Robert M. Hutchinson Professor of Geology	19,790.00
Leonard L. Johnson Assistant Finance Officer	14,660.00
Thys B. Johnson Professor and Head of Department of Mining Engineering	25,710.00
James G. Johnstone Professor of Basic Engineering	23,120.00
Leonard A. Kalal Associate Professor of Philosophy	17,220.00
Marvin L. Kay Assistant Professor of Physical Education and Athletics and Head Football Coach	16,210.00

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George V. Keller Professor and Head of Department of Geophysics	\$28,940.00
George H. Kennedy Associate Professor of Chemistry	18,420.00
Harry C. Kent Professor of Geology	25,930.00
Arthur J. Kidnay Associate Professor of Chemical and Petroleum- Refining Engineering	20,800.00
John V. Kline Professor of Physics (on academic leave during fall semester at 1/4 salary).	20,470.00
Ronald W. Klusman Associate Professor of Chemistry	20,180.00
Nancy J. Knepper Museum Curator	10,650.00
Charles A. Kohlhaas Associate Professor of Petroleum Engineering	20,070.00
John O. Kork Assistant Professor of Mathematics	15,660.00
Thomas R. LaFehr Associate Professor of Geophysics	22,810.00
William B. Law Associate Professor of Physics	18,020.00
William E. Leckie Assistant to the Vice President for Academic Affairs and Director of Summer Mining Course	20,390.00
Keenan Lee Associate Professor of Geology	18,520.00
Merrill M. Lemke Director of Plant Facilities	22,300.00
Jack D. Lubahn Professor of Basic Engineering	20,510.00
George B. Lucas Professor of Chemistry	23,580.00
George Lynn Adjunct Professor as Conductor of the Glee Club	2,500.00
Lawrence J. MacDonnell Assistant Professor of Mineral Economics	16,080.00

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Maurice Major Professor of Geophysics	\$26,020.00
Donald C. B. Marsh Professor of Mathematics	18,800.00
Scott J. Marshall Assistant Professor of Basic Engineering	19,540.00
James W. Martin Associate Professor of Basic Engineering	20,840.00
Gerard P. Martins Associate Professor of Metallurgical Engineering	19,490.00
Warren J. Mason Registrar	17,180.00
Jean P. Mather Professor of Mineral Economics and Head of Department	26,730.00
Frank Mathews Professor of Physics	20,470.00
David K. Matlock Assistant Professor of Metallurgical Engineering	18,160.00
William A. Mattingly Assistant Professor of English	12,780.00
Robert W. McAllister Associate Professor of Physics	20,010.00
Guy T. McBride, Jr. President	40,000.00
Robert S. McCandless Assistant Professor of Physical Education and Athletics	14,570.00
Rich D. McDaniel Adjunct Assistant Professor as Conductor of the Band	1,980.00
Michael B. McGrath Chief Consultant, Computing Center and Assistant Professor of Basic Engineering	19,320.00
C. Samuel Miller Associate Professor of Basic Engineering	17,340.00
B. J. Mitchell Associate Professor of Petroleum Engineering	20,700.00
Fred M. Moore Professor of Geology	21,300.00

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Charles S. Morris Director of Public Relations	\$17,600.00
Laurence F. Morris Counselor-Placement Officer	17,600.00
Raymond K. Mueller Assistant Professor of Mathematics	17,460.00
William M. Mueller Professor and Head, Department of Metallurgical Engineering	27,550.00
Karl R. Nelson Assistant Professor of Basic Engineering	15,080.00
Karl R. Newman Associate Professor of Geology	20,190.00
Carl G. Nordquist Assistant Professor of Mineral Economics	16,590.00
David L. Olson Associate Professor of Metallurgical Engineering	19,380.00
Robert W. Pearson Assistant Professor of Physical Education and Business Manager of Athletics	15,630.00
Anton G. Pegis Professor of Humanities and Social Sciences	22,180.00
Gerald A. Peters Coordinator for Public Information	13,000.00
Harry C. Peterson Professor of Basic Engineering	21,520.00
Alfred Petrick, Jr. Coulter Professor of Mineral Economics	26,830.00
Thomas Philipose Assistant Professor of Humanities and Social Sciences	13,910.00
George R. Pickett Professor of Geophysics	22,810.00
Herman Ponder Professor of Geology	No remuneration
Jon W. Raese Director of Publications	15,000.00

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Donald G. Roberts, M.D. School Physician and Head of Medical Department	\$11,600.00
Samuel B. Romberger Assistant Professor of Geology	17,920.00
Phillip R. Romig Assistant Professor of Geophysics	17,250.00
Oded Rudawsky Associate Professor of Mineral Economics	18,720.00
Arthur Y. Sakakura Associate Professor of Physics	19,400.00
David W. Satterley Data Processing Officer	21,300.00
A. W. Schlechten Professor of Metallurgy and Director of the W. J. Kroll Institute for Extractive Metallurgy	28,810.00
Franklin D. Schowengerdt Assistant Professor of Physics	16,420.00
William Gordon Scott Vice President for Business Affairs	30,000.00
George T. Sisson Laboratory Assistant In Chemistry	13,530.00
Maynard Slaughter Professor of Chemistry	21,630.00
Margaret Smart Librarian	15,690.00
David T. Snow Associate Professor of Geology	18,860.00
Richard E. Stapp, Jr. Associate Professor of Physical Education and Athletics	15,980.00
Charles W. Starks Assistant Professor of Chemistry	15,750.00
Franklin J. Stermole Professor of Chemical and Petroleum-Refining Engineering (assigned to the Department of Mineral Economics). (On leave without pay first semester)	22,050.00
Huntington S. Swanson Associate Professor of Mineral Economics	18,850.00
Robert J. Taylor Assistant Professor of Basic Engineering	16,340.00

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Suzanne Tharp Librarian	\$10,430.00
Paul T. Treece Manager, Computing Center	15,290.00
David W. Trexler Associate Professor of Geology	19,170.00
A. Keith Turner Associate Professor of Geology	17,550.00
Frank R. Utter Finance Officer	20,000.00
Samuel E. Vandiver Professor and Head of Humanities and Social Sciences Department	23,250.00
Robert A. Walsh Professor and Head of the Mathematics Department	22,800.00
Fun-Den Wang Professor of Mining Engineering (assigned to Basic Engineering Department)	20,580.00
Robert J. Weimer Professor of Geology	24,440.00
John G. Welles Vice President for Institutional Planning and Development	37,500.00
Walter W. Whitman Professor of Mathematics	22,640.00
Thomas R. Wildeman Associate Professor of Chemistry	18,130.00
John T. Williams Professor of Chemistry	23,580.00
R. D. Witters Associate Professor of Chemistry	17,380.00
Robert E. D. Woolsey Professor of Mineral Economics	23,810.00
F. Richard Yeatts Associate Professor of Physics	17,960.00
Victor F. Yesavage Assistant Professor of Chemical and Petroleum- Refining Engineering	17,590.00
A. William Young Director of Admissions	16,820.00

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Michel Louis David	\$ 8,750
Visiting Professor of Mining Engineering	
Lloyd J. Hendricks	13,200
Visiting Assistant Professor of Chemistry	
Anthony L. Hines	17,500
Assistant Professor of Chemical and Petroleum-Refining Engineering	
William D. Lansdown	8,000
Adjunct Associate Professor of Physics	
Walter H. Pierce	3,000
Part-time Instructor in Geology	
Everett W. Stoub	13,000
Instructor in Physics	
Richard Waissar	18,000
Associate Professor of Mining Engineering	

Dr. Alter made the comment that a matter of considerable importance in all colleges and universities today is the shift in the mix of faculty ranks. With a stabilization of appointments the proportion in the various ranks tends to decrease in the lower scale and increase in the upper two ranks. This has great implication with respect to tenure, salary, age, and future flexibility on new appointments. He suggested that the Board might well be interested in reviewing this matter specifically with respect to the Colorado School of Mines.

U.S.G.S. Building. Mr. James Johnson of the firm, Johnson, Hopson & Partners, architects for the U.S.G.S. building, entered the meeting with one of his associates, to display a model and schematic drawings of the building. Mr. Johnson explained the methods used to bring the building into conformance with the energy conservation standards dictated by the federal government for structures designed for its use. ✓

Upon motion made, seconded, and passed, the over-all concept of the building was approved with the definite specification that very careful attention be given to the eventual use of the building by the School.

Enrollment. Dr. Gary reviewed the figures on enrollment as of September 10, 1975: total headcount 2,164, representing in comparison to fall 1974 an increase of 8 percent in the freshman class, 53 percent in the sophomore class, no increase in the junior class and 2 percent increase in the senior class.

Monthly Financial Statements. In answer to the suggestion that regular monthly financial reports be mailed out to the Board members prior to the meeting, Mr. Scott explained the difficulty of timing, i.e. final computer runs are not available before the eighth of

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the month. It was agreed to try a system under which the final statements will be hand carried to the local trustees and made available in hotel or to be picked up by those coming from out of town.

Monthly reports as of August 31, 1975 were distributed.

Revised 1975-76 Budget. Directives recently received from state agencies (Office of the Lt. Governor, CCHE, State Controller) require that the amount of \$175,368 be trimmed from the 1975-76 budget, this in spite of the fact that the Long Bill had appropriated a specific amount for this fiscal year. The question was raised as to whether authority to mandate an expenditure decrease lay with the Executive, President McBride having indicated to state officials preliminary compliance in the form of a letter under date of August 28, 1975. The Board took cognizance of the letter reserving expenditures, but did not authorize at this time any corresponding change in the 1975-76 budget.

1976-77 Budget. The 1976-77 budget parameters which had been prepared on an actual "needs" basis were discussed briefly. The budget at this time does not include the potential of increased funds to be generated under S.281. It was suggested that the budget document be appropriately footnoted on this point.

Emeritus Trustees. President McBride stated that mention has been made from time to time of utilizing the expertise of former board members, with the specific suggestion that they remain affiliated with the Board in some capacity. President McBride suggested that the Board might wish to create a class of Trustees to which all members will automatically be elected upon expiration of term. The further suggestion was made that a class of honorary board members be formed to include persons interested in and able to support the School.

President McBride was instructed to draft revisions to the bylaws to create classes of emeritus board and honorary board members, not necessarily with these specific names.

NPC (Not-for-Profit Building Corporation). The formation of an entity to act on behalf and for the benefit of the School in acquiring and managing properties was discussed briefly and the matter was postponed to a later meeting.

Fund Raising. Mr. Welles, having distributed in advance of the meeting a memorandum discussing goals and possible approaches to the matter of raising funds to supplement the state appropriation, stated his expectation that the School cannot expect to be treated much better in the foreseeable future than it has been treated the past several years and his view that it is therefore most important that development activities be

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strengthened in order to raise sufficient funds to serve our educational purpose. He had listed in his memo needs in priority order for discussion. The memorandum also proposed a procedure for selecting fund raising counsel. Although the discussion of the needs list was necessarily brief, all members present expressed willingness to help in every way possible.

Mr. Stockmar, speaking as a member of the CSM Foundation Board, said that cooperation between CSM Foundation, the Alumni Association, and the School was being fostered; one example was the recent undertaking by the Foundation to underwrite the salary of a director of the Alumni Association. ✓

The hiring of a development director was discussed. It was agreed that the activities of such a director must be under the supervision of the Vice President for Institutional Planning & Development.

Executive Session. The Board at this time declared itself in executive session for the purpose of discussing personnel and a possible land acquisition.

President McBride's Salary. The Board having declared itself once more in open session and following a discussion of salaries for comparable positions in industry, education, and government, it was moved, seconded, and passed unanimously that President McBride's salary be fixed at \$50,000 per annum, effective September 1, 1975. ✓

The Board took this opportunity to reaffirm its instructions to President McBride that as a condition of employment and for the purpose of student and faculty consultation and official entertainment, he and his family are to continue to occupy the president's home at 1722 Illinois, Golden. ✓

The meeting adjourned at 12:30 p.m.

Vice President

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Nonprofit Corporation. Upon motion made, seconded, and passed, the following resolution was adopted.

WHEREAS, this Board of Trustees has previously indicated its approval and intent for the incorporation of a nonprofit corporation to issue obligations on behalf of the Colorado School of Mines and to perform such other acts as an instrumentality of the Colorado School of Mines as may be deemed desirable from time to time; and

WHEREAS, W. G. Scott, Vice President for Business Affairs of the Colorado School of Mines, has now incorporated the Colorado School of Mines Building Corporation (the "corporation") to carry out such purposes, and there has been presented to this Board of Trustees a copy of the Articles of Incorporation of the corporation; and

WHEREAS, the members of the Board of Trustees in their capacities as such will be the directors of the corporation;

RESOLVED, that the corporation is hereby approved;

FURTHER RESOLVED, that actions by W. G. Scott in incorporating the corporation are hereby ratified, approved and confirmed;

FURTHER RESOLVED, that the employees of the Colorado School of Mines may serve as officers of the corporation.

Mr. Stockmar cautioned that we must be extremely careful in our use of this corporation and that any further uses should be very carefully screened because we could, by injudicious use, poison the entire concept.

Selection of Fund Raising Counsel. Mr. Welles reported that of nine firms considered, the selection had been narrowed to a field of three firms. The selection committee will meet on October 22 to interview representatives of these three firms. After that a contract will be negotiated for presentation to the Colorado School of Mines Foundation on November 25, and organizational plans will be drawn for a fund raising campaign.

Sabbatical Leave Program. President McBride said that, because Board members have from time to time expressed interest in the sabbatical leave program, Dr. Gary has prepared a report of the program covering the last 5 years. Dr. Gary expressed the general philosophy of the program as being of benefit to the School primarily in that it refreshed the faculty member, brought new views and vitality to his teaching, and in many cases brought favorable publicity to the School.

October 10, 1975

One Board member said there had never, to his knowledge, been any question about the concept of the sabbatical leave program, but the question was with the budget limitations.

President McBride stated that a personal report on recent academic leaves could be arranged if the Board had the time and interest. Several members of the Board expressed a desire to hear the faculty members make such reports and Dr. McBride said he would make the arrangements.

Investments. Mr. Stockmar said the Board has been serving as an investment committee of the whole and we have some assets in the hands of the United Bank of Denver. At this time the Trust Department of the bank is recommending that we make certain changes in our portfolio. Mr. Stockmar recommended that we follow the recommendations being made as of October 8, 1975 and that we also accept their advice to define our investment objective. These funds, consisting of gifts to the School, constitute a very small amount compared to the CSM Foundation portfolio and we can be guided by the expertise of Investment Committee of the Foundation and the Trust Department of the bank.

Upon motion made, seconded and passed, the following resolution was adopted, with Mr. Stockmar abstaining:

RESOLVED, that until contrary action is taken by this Board, there is delegated to the Investment Committee of the Colorado School of Mines Foundation, Inc., the power to make and retain or from time to time to change the investments constituting the investment portfolio of the Colorado School of Mines. In connection therewith the Investment Committee is authorized to consult with and obtain investment recommendations from the Trust Department of the United Bank of Denver but shall not be required to follow such recommendations.

Cooperative Education. Professor David K. Matlock entered the meeting to participate in the discussion of his study and conclusions on a cooperative education program at Mines. Professor Matlock had chaired a committee last school year which had investigated the matter thoroughly and had concluded such a program was possible at Mines. The first two years of a student's work at Mines would be especially easy to program for a cooperative plan in that courses are offered every semester and thus could be picked up at any time by students in the plan. The junior and senior years will pose more problems but can be worked out.

Mr. Reeves and Mr. Eisenach spoke from personal experience of the great benefit to the student and to industry of a Mines graduate with practical on-the-job training. Mr. Reeves said that in coal mining, as an

example, certain work certificates are required. A student, by working while obtaining an education, can enhance job opportunities upon graduation more than by going straight through school and working one year after graduation. He said the coal industry with which he is most familiar is in great need of persons not only with management and technical abilities, but also ability in the fields of research and education.

It was the consensus of the Board that the School should explore the general idea by applying for a federal grant to fund the first year of exploration and proceed to develop the program.

Joint Interim Committee on Education. President McBride informed the Board of conversations held by him with Senator Hugh Fowler, Chairman of the Joint Interim Committee on Education. These conversations covered a wide range of subjects including especially the question of effective governance of higher education in Colorado and a companion question of the authority and responsibility of boards of control. It was tentatively agreed that Senator Fowler's committee would welcome informal public discussions with governing boards to elucidate these questions, and it was further proposed that an early meeting with the Mines Board be the first of such hearings.

(Although not scheduled at the time of the Board meeting, the hearing with the Mines Board was actually held on October 24, 1975.)

Budget Hearings. President McBride called the attention of the Board to three budget hearings as follows:

October 29, evening - CCHE & governing boards

October 30 - 1:30 to 2:15 p.m. - CCHE

November 4 - JBC, on campus

The date has not been set for possible EBO hearings.

Distinguished Achievement Medals. President McBride asked for and received instructions on the screening committee to make recommendations to the Board. The Board committee to receive such recommendations was appointed by President Stockmar as follows: Messrs. Eisenach, Grynberg, Fogarty, and Reeves.

Athletic Director Retirement. President McBride called the attention of the Board to the anticipated retirement at the end of this school year of the Athletic Director, Fritz S. Brennecke.

The members of the Board were of the opinion that perhaps this would be an opportune time to review the entire athletic program in view of budget constraints.

The meeting adjourned at 12:30 p.m.

Office copy

APPROVED
November 14, 1975

RECORD OF PROCEEDINGS

Golden, Colorado
October 10, 1975

The Board of Trustees met in regular session at 9:00 a.m., October 10, 1975, in the Board Room of the Colorado School of Mines.

Present: Messrs. Coors, Eisenach, Fogarty, Stockmar, and Reeves.

Absent: Messrs. Bradley and Grynberg.

President McBride, Vice Presidents Gary, Scott, and Welles, Deans Copeland and Culver attended the meeting. Students Jim Daniel and Art Stewart attended the meeting, as did Daniel Oppenheim who is a candidate for the position on the Board to be filled by a student, in accordance with H.B. 1232 passed by the last legislature.

Mr. Coors chaired the meeting.

Previous Minutes. The minutes of the meeting held on September 12, 1975 were approved.

New Faculty Appointments. The information on the new appointments to the faculty having been mailed out with the agenda, the chairman directed the following to be read into these minutes:

Thomas L. Davis \$15,180
Visiting Assistant Professor of Geophysics

Thomas R. LaFehr 8,554
Adjunct Associate Professor of Geophysics
(changed from Associate Professor of Geophysics)

Monthly Financial Statements. Mr. Scott had arranged for the reports to be delivered to the Board members before the meeting. In answer to direct questioning by the Board members, Mr. Scott and President McBride expressed their concern about the results of the budget cuts made recently by the executive branch of the state government in addition to the shortfall in our general appropriation. Mr. Scott explained that we are making cutbacks in non-personnel operating expenses, i.e., travel monies and capital outlay. ✓

Class of Emeritus Trustees. President McBride stated that, acting on instructions by the Board, he had prepared an amendment to the bylaws of the Board providing for the creation of a class of Emeritus Trustees. ✓

Motion was made to adopt the resolution prepared by the President. Seconded. Motion was amended to permit all Trustees, specifically including student members, to qualify to become part of this class of Emeritus Trustees.

October 10, 1975

Motion was passed as amended to adopt the following resolution.

Be it resolved by the Board of Trustees of the Colorado School of Mines at its regular meeting of October 10, 1975, due and proper notice having been provided, that its bylaws last revised September 7, 1973 be further revised as follows:

Add the following Section 3 and renumber succeeding Sections accordingly:

3. Emeritus Trustees. There shall be a class of trustees separate and apart from the class or classes created by statute which shall be styled Emeritus Trustees.

Any person either appointed by the Governor and confirmed by the Senate to the office of Trustee of the Colorado School of Mines or elected to the office of student member of the Board of Trustees pursuant to the provisions of H.B. 1232 (1975) shall qualify to become an Emeritus Trustee upon completion of the initial term as Trustee to which appointed and confirmed or elected, whether such term shall have been a full or partial one. Such person thus qualified shall then automatically succeed to the office of Emeritus Trustee when he leaves the office of Trustee upon completing either the initial term or the whole or part of a succeeding one.

The term of office of an Emeritus Trustee shall be for life, unless the person holding such appointment shall resign.

It shall be the duty of the Emeritus Trustees, as they may individually find themselves able and desirous of so doing, to continue their interest in and support of the School's mission and programs through attendance at regular and special meetings of the Board of Trustees, participation in School events, and representation of the School to its many publics.

Colorado School of Mines Council. Upon motion made, seconded, and passed the following amendment to the bylaws was approved.

Be it resolved by the Board of Trustees of the Colorado School of Mines at its regular meeting of October 10, 1975, due and proper notice having been provided, that its bylaws last revised September 7, 1973 be further revised as follows:

Add the following Section 4 and renumber succeeding Sections accordingly:

4. Colorado School of Mines Council.
There shall be a broadly constituted Colorado School of Mines Council to advise the Board of Trustees in all of the areas of interest of the latter.

The appointed members of the Council shall be selected and designated by the Trustees of the Colorado School of Mines from among that group of persons able through experience, expertise, and interest to serve the School in general and special advisory and development capacities. There shall be no qualifications with regard to age, sex, nationality, occupation, place of residence or business, or alumni standing.

Trustees and Emeritus Trustees shall be Members of Council ex officio but shall not be eligible to hold any elective office of the Council. Members of the Council shall be appointed by the Board of Trustees for a three-year term to begin on November 1 of the calendar year of appointment. Members of Council may be reappointed as often as mutually desired. In making the initial and succeeding appointments it shall be borne in mind that the class of Members of Council is expected to be a continuing one and arrangements shall be made so that ultimately a group of Members is appointed each year for a three-year term, thus providing continuity to the group.

The Council shall elect from among its appointed members a presiding officer, who shall have all duties and responsibilities normally devolving upon such office. This election shall be held at the first meeting of the Council following November 1 of each calendar year. No person may directly succeed himself as presiding officer more than once.

The President of the Colorado School of Mines shall designate from among the members of the Administration a person, preferably an officer of the School, to serve as Executive Secretary to the Council.

It shall be the duty of the members of Council to serve the Colorado School of Mines as they may individually find themselves able and desirous of so doing upon the call of the Board of Trustees in the areas of general and special consultation on long-range plans and development, of advising on academic and student affairs programs, and of assisting in developing and enhancing of the public image of the Colorado School of Mines.

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RECORD OF PROCEEDINGS

Golden, Colorado
November 14, 1975

The Board of Trustees met in regular session on November 14, 1975, at 9:00 a.m., in the Board Room of the Colorado School of Mines.

Present: Messrs. Bradley, Coors, Eisenach, Fogarty, Grynberg, and Stockmar.

President McBride, Vice Presidents Gary, Scott, and Welles, Deans Copeland and Culver, and Dr. Alter attended the meeting. Newly-elected student Board member, Mr. Conrad Parrish, and Board member designate, Mr. Robert Maytag, attended the meeting.

Mr. Eisenach chaired the meeting.

Previous Minutes. Mr. Stockmar read to the Board a formal resolution expressing the specific terms of the action approved in principle at the October Board meeting to commit the investment funds of the School to the custody of the investment committee of the CSM Foundation. Motion was made, seconded, and passed to approve the wording of the resolution. Mr. Stockmar abstained in the voting. ✓

With this addition to the October 10, 1975 minutes, the minutes were approved.

New Faculty Appointment. For the benefit of new members attending the meeting, President McBride reviewed the policy of reading into the minutes all appointments to the faculty. The Chairman directed that the following appointment be shown in the minutes:

Thomas R. Young	\$1,200
Adjunct Assistant Professor of Mining Engineering (fall semester)	

Monthly Financial Reports. The monthly reports, having been previously delivered to the Board members, were discussed briefly.

Fund Raising Council. Mr. Welles reported that, as authorized at the September Board meeting, he had conducted a search for a fund raising organization which would suit our particular needs and had narrowed the choice from nine to three firms. Working with a committee made up of representatives of the Board, the Alumni Association, and the administration, he arranged for representatives of three firms to be interviewed on October 22. A decision was reached by the

committee to recommend to the CSM Foundation Board of Directors that the firm of G, A. Brakeley & Company, Los Angeles, be employed. The firm is already at work on an interim basis, pending approval of the agreement by the CSM Foundation Board at its November 25 meeting. The contract in the amount of \$37,500, including travel, will entail about 80 interviews with potential donors nationwide, and will result in an analysis of how much money we can raise, from whom, and for what purpose funds are likely to be contributed.

Emeritus Trustees. President McBride reported that, as approved at the October Board meeting, letters had gone out over Mr. Stockmar's signature inviting the former Board members to become Emeritus Trustees and to resume their individual contributions to the Board and to the School. A gracious acceptance has been received from Mr. Joseph Coors.

A reminder was given that Mr. John Reeves should be issued an invitation to join this group upon the seating of Mr. Maytag.

Commencement Speaker. President McBride reported to the Board that Dr. Fogarty had kindly agreed to assist in obtaining a Commencement speaker and that an invitation has been issued, but because a reply has not yet been received he is not free to disclose the identity. He felt sure the selection will receive approval if and when announcement can be made.

Athletic Director/Program. President McBride again mentioned to the Board that Professor Fritz S. Brennecke was retiring at the end of the school year and he distributed a copy for an advertisement to be placed for a successor. He said that in writing the ad for a physical education director, the administration was in reality articulating the aims of the physical education program.

The Board members were emphatic in the view that considering our financial constraints careful study should be given to the allocation of our resources, including that part which goes to our Athletic Department. President McBride said he was not ready to discuss the entire program because he did not have the necessary breakdown on costs. A suggestion was made that Professor Brennecke be invited to submit a review of the entire physical education program. An over-all review of the entire program will be scheduled for a future meeting.

(Mr. Grynberg entered the meeting at this time.)

Budget Hearings. President McBride reported on the hearing before the Joint Budget Committee on November 4.

The meeting adjourned at 10:30 a.m.

Secretary

Office copy

RECORD OF PROCEEDINGS

Golden, Colorado
December 12, 1975

The Board of Trustees met in regular session at 9:00 a.m. on December 12, 1975 in the Board Room of the Colorado School of Mines, Golden, Colorado.

Present: Messrs. Bradley, Coors, Fogarty, and Stockmar.

Absent: Messrs. Eisenach and Grynberg.

Dr. Fogarty presided.

The following were in attendance: Trustee Designate Mr. Robert Maytag, and Student Trustee Designate Mr. Conrad Parrish; Mr. William A. Alexander, Trustee Emeritus; President McBride, Vice Presidents Gary, Scott, and Welles, Deans Culver and Copeland, Dr. Alter, Mr. Jim Daniels, and a representative of the press.

Previous Minutes. The minutes of the meeting of November 14, 1975 were approved.

Monthly Financial Statements. The monthly reports, having been delivered to the Board members prior to the meeting, were reviewed briefly by Mr. Scott. Mr. Scott said the School is operating within its planned financial program, specifically including the emergency budget decreases mandated by an agreement between the Governor and the JBC (but not validated).

Discussion ensued as to the authority of the Governor and the JBC to mandate these decreases absent specific legislative action. Mr. Stockmar reminded the Board that it had merely taken cognizance of the prescribed budget cuts; it had neither endorsed nor ordered them.

Emeritus Trustees. Mr. Stockmar reported on the response to the invitation to former Board members to become Emeritus Trustees. Mr. Stockmar shared a gracious letter of acceptance from Mr. Alexander. Mr. Joseph Coors has also accepted formally; Dr. Vanderwilt has given a verbal acceptance.

Candidates for Degrees. President McBride distributed lists of candidates for degrees as recommended by the faculties at the meetings on November 5, 1975 and November 19, 1975.

Upon motion made, seconded, and unanimously passed, the following were approved for degrees to be awarded December 19, 1975, subject to the completion of all academic requirements and continued compliance with school requirements and regulations.

December 12, 1975

RECORD OF PROCEEDINGS

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BACHELOR OF SCIENCE (MINING ENGINEERING)

Wendy Alexandra Bannerman	Michael James Peacock
Thomas Campbell Bibb II	Andrew Henderson Plummer
David Frederick Bush	Robert Clay Raedeker
Michael Arthur Casbon	Terry Robert Ritzel
Curtis Stanley Clifton	Lonnie L. Schleicher
Charles W. Cropper	Paul Joe Shattuck
Holton Cook Kearney	Larry Lee Turner
Kirk Alan Nobis	Thomas Lee Watson
James Allen Nunn	Allen Stewart Weaver

BACHELOR OF SCIENCE (METALLURGICAL ENGINEERING)

Dennis John Appelhans	John Donald Hanks, Jr.
Carl Edward Cross	David Rush Spedden
Gerald Thomas Feld	
Hoy Eugene Frakes, Jr.	

BACHELOR OF SCIENCE (GEOLOGICAL ENGINEERING)

Jeanne Therese Coursey	Richard Dennis Rein
Louis Webber Hamm III	William Sturges Robie
John Edward Klutsch	Michael Leland Schuh
James Robert Knight	Christopher Thomas Sheeran
Robert Paul Magnifico	Randall Lawrence Snyder
Charles Michael Morrison	Robert Graham Wetzel

GEOLOGICAL ENGINEER

Cephas Christian Goddard

BACHELOR OF SCIENCE (PETROLEUM ENGINEERING)

Theodore Saunders Allen III	Todd Campbell Rounding
David Munro Drummond	Steven Arthur Stewart
Glen Alan Gravender	

BACHELOR OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Kevin Patrick Hammond	Henri Alfred Prud'homme
Philip Guy Morrow II	Raj Sharma
Stephen Richard Nelson	Jerrold Ray Yarbrough

BACHELOR OF SCIENCE (GEOPHYSICAL ENGINEERING)

Alexander Stewart Fieldman	James Keith Sanders
John Luther German	Timothy Dean Zeisloft
Robert Dean Mann	

BACHELOR OF SCIENCE (MINERAL ENGINEERING--MATHEMATICS)

Noah Seth Davids	John Jacobs
Mark Stephen Fitzgerald	Philip Alan Moldenhauer
Lynn Kay Gerrard	Mark Alan Nelson

BACHELOR OF SCIENCE (MINERAL ENGINEERING--PHYSICS)

Eloy Baca, Jr. Dale Duane Moeller
William Allen Maas James Jackson Reeves

BACHELOR OF SCIENCE (MINERAL ENGINEERING)

Gary Lee Miller Robert Vincent Nuccio

MASTER OF SCIENCE (MINING ENGINEERING)

Denny William Hagood

MASTER OF SCIENCE (METALLURGICAL ENGINEERING)

Michael Henry Conway Stanley Eugene Knaus
Christopher Henry Cox Mfite Basaza A.G.
Seyyed Habibollaah Ebaadi Richard Johann Schlager
Blas B. Ivankovich Bello Antonio Viteri

MASTER OF SCIENCE (GEOLOGY)

Henry O. Briceno M. Seyed Foad Roghani Isfahani

MASTER OF SCIENCE (GEOLOGICAL ENGINEERING)

James Raymond Miller

MASTER OF SCIENCE (PETROLEUM ENGINEERING)

Argemiro Mendez Perez

MASTER OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Robert D. Knecht
Robert Craig Koltz
Shamseddin Seyed Mohammadi

MASTER OF SCIENCE (GEOPHYSICS)

Kenneth W. Carlson
David B. Marshall

MASTER OF SCIENCE (GEOPHYSICAL ENGINEERING)

John Thomas Jonas
Ofiafate Ofrey
Mustafa Tahsin Tasci

MASTER OF SCIENCE (MATHEMATICS)

Leo A. Kinney, Jr.
Frederick Mark Williams

MASTER OF SCIENCE (PHYSICS)

David James Sinton

MASTER OF SCIENCE (MINERAL ECONOMICS)

George Albert Hopkinson Clifford Jon Sather
 (Odinga Nia Lumumba) James Northington Smith
 Walrave Theodoor Jansen Michael Buford Woolley
 Carlos Martinez Vincenti

DOCTOR OF PHILOSOPHY (MINING ENGINEERING)

Franklin Robinson

DOCTOR OF PHILOSOPHY (METALLURGICAL ENGINEERING)

Milton J. Manrique Gallardo
 Cvetko B. Nikolic

DOCTOR OF PHILOSOPHY (GEOLOGY)

Robert W. Blair, Jr.

DOCTOR OF PHILOSOPHY (PETROLEUM ENGINEERING)

Ibrahim Nafi Onat

DOCTOR OF PHILOSOPHY (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Robert Milton Baldwin

DOCTOR OF PHILOSOPHY (GEOPHYSICS)

Jeng-Yih Guu

DOCTOR OF PHILOSOPHY (MINERAL ECONOMICS)

William P. Long

Commencement Speaker. Dr. Fogarty reported that as a result of his invitation, Canadian Finance Minister Donald Stovel Macdonald has agreed to give the Commencement address on May 7, 1976. The Board enthusiastically confirmed and made official Dr. Fogarty's invitation in its behalf.

In view of Mr. Macdonald's eminent qualifications and prestigious position, suggestions were made to ask if he would consent to other public appearances while he is in the area. Dr. Fogarty undertook to check this.

Resolution, New Savings Account. Mr. Scott presented for approval a resolution enabling the School to open a new savings account with Columbia Federal Savings & Loan Association.

Upon motion made, seconded, and passed, the following resolution was adopted:

RESOLVED, That the funds of the undersigned be and the same are hereby authorized to be added to or paid into a savings account in COLUMBIA SAVINGS AND LOAN ASSOCIATION and that said institution be and it is hereby authorized to pay withdrawals until further written notice to it signed in the name of this organization as indicated below by any two persons, whose signatures appear below. Said institution further is authorized to accept a pledge of all or any part of said account as security for any loan made by it to said organization and executed in its name by the signatory parties indicated in the preceding sentence. Said institution is authorized to supply any endorsement for the undersigned on any check or other instrument tendered for this account and it is hereby relieved of any liability in connection with collection of such items which are handled by it without negligence and it shall not be liable for the acts of its agents, sub-agents or others or for any casualty. Withdrawals may not be made on account of such items until collected, and any amount not collected may be charged back to this account, including expense incurred, and any other outside expense incurred on account of this account may be charged to it.

Name of organization: Colorado School of Mines

By: Guy T. McBride, Jr. President
By: W. G. Scott, Vice President for Business Affairs

Supplemental Budget Request. President McBride reported that for the current budget, fiscal 1975-76, we are short in three areas: (1) we are not being allowed to use the excess tuition which has been paid; (2) we do not have funds to cover anticipated utilities; and (3) we do not have funds to pay the classified personnel the salaries authorized by the State Personnel System and the legislature.

Mr. Scott reported that by reserving expenditures for capital outlay and supplies and expenses, and also leaving vacant classified and unfilled faculty positions, we have been able to generate an internal reserve of approximately \$140,000. This, however, is not the ideal method of meeting the budget deficit. ✓

The suggestion was made to attempt to raise supplemental funds from outside sources. This raised the question of whether this would be setting a precedent - obtaining private funds to meet obligations such as utilities. The question was posed: Should this be the time to test S.281?

The solution was not readily apparent. President McBride stated that expenses have already been cut in all practical ways such as cutting back on heat, i.e. not heating the field house, etc. The position was clearly stated that in any event the School will continue to operate. Means of meeting that objective were left to the administration.

Positions Officially Designated by the Board.

President McBride reported to the Board that recent developments within the Colorado Department of Personnel, which administers the classified employee system, make it seem advisable that the Board reaffirm its understanding of categories of administrative, or nonteaching, personnel. It was pointed out that the Board's position in this matter is that reflected in the organization charts and position descriptions in the various editions of the Faculty Handbook, beginning with the handbook of 1952.

Following substantial discussion, the following motion was adopted:

WHEREAS, the President of the Colorado School of Mines has requested that this Board take formal action to clarify those positions which it believes to be properly exempt from the state classified system, and

WHEREAS, this Board is pleased to offer such clarification of such positions; therefore be it

RESOLVED that the following named positions are regarded to be officers of an educational institution and their professional staff assistants:

President
Vice President for Academic Affairs
Vice President for Business Affairs
Vice President for Institutional
Planning & Development
Department Assistant
Budget Officer/Personnel Officer
Director, Research Development
Director, Plant Facilities
Director, Public Relations
Data Processing Officer
Finance Officer

RESOLVED that the following named positions are regarded to be heads of administrative units directly responsible to officers of an educational institution:

Assistant Finance Officer
Coordinator, Public Information

FURTHER RESOLVED that the following named positions are regarded to be heads of administrative units and their professional staff assistants who relate directly to the educational function of an educational institution and whose qualifications include training and experience comparable to that required for a faculty member:

Head Librarian
Reference Librarian
Acquisitions Librarian
Catalog Librarian
Documents Librarian
Circulation Librarian

Museum Curator

Director, Computing Center
Manager, Computing Center

Assistant to the Vice President
for Academic Affairs

Dean of the Graduate School

Dean of Students
Registrar/Financial Aid Officer
Counselor/Placement Officer
Admissions Counselor
Director of Admissions

FURTHER RESOLVED that the following named positions are regarded to be heads of those functions of an educational institution which are supported primarily by student fees and charges, including heads of residence halls:

Director of Housing, Student Center,
and Green Center
School Physician
Head Resident - Caldwell Hall
School Nurse
Assistant Director, Green Center

Dr. Ramon E. Bisque and Dr. Robert J. Weimer entered the meeting at this time.

Reports on Academic Leaves. Dr. Bisque reported that the academic leave which he took for the school year 1974-75 was used to complete and to promote a textbook, together with a teacher's guide. The textbook is intended to interest high school students in earth science. Dr. Bisque feels the subject has been successful in its intended use and that it has also brought a great deal of publicity to the School.

RECORD OF PROCEEDINGS

8

Dr. Weimer reported that his leave for the same school year was used to travel, lecture, and visit geological areas in various parts of the world. Dr. Weimer is of the opinion that this year away from his teaching duties here benefited his educational and research programs at Mines, both undergraduate and graduate.

The meeting adjourned at 11:30 a.m.

Assistant Secretary

PRELIMINARY
NOT APPROVED

RECORD OF PROCEEDINGS

Golden, Colorado
October 10, 1975

See attached

The Board of Trustees met in regular session at 9:00 a.m., October 10, 1975, in the Board Room of the Colorado School of Mines.

Present: Messrs. Coors, Eisenach, Fogarty, Stockmar, and Reeves.

Absent: Messrs. Bradley and Grynberg.

President McBride, Vice Presidents Gary, Scott, and Welles, Deans Copeland and Culver attended the meeting. Students Jim Daniel and Art Stewart attended the meeting, as did Daniel Oppenheim who is a candidate for the position on the Board to be filled by a student, in accordance with H.P. 1232 passed by the last legislature.

Mr. Coors chaired the meeting.

Previous Minutes. The minutes of the meeting held on September 12, 1975 were approved.

New Faculty Appointments. The information on the new appointments to the faculty having been mailed out with the agenda, the chairman directed the following to be read into these minutes:

Thomas L. Davis \$15,180
Visiting Assistant Professor of Geophysics

Thomas R. LaFehr 8,554
Adjunct Associate Professor of Geophysics
(changed from Associate Professor of Geophysics)

Monthly Financial Statements. Mr. Scott had arranged for the reports to be delivered to the Board members before the meeting. In answer to direct questioning by the Board members, Mr. Scott and President McBride expressed their concern about the results of the budget cuts made recently by the executive branch of the state government in addition to the shortfall in our general appropriation. Mr. Scott explained that we are making cutbacks in non-personnel operating expenses, i.e., travel monies and capital outlay. ✓

Class of Emeritus Trustees. President McBride stated that, acting on instructions by the Board, he had prepared an amendment to the bylaws of the Board providing for the creation of a class of Emeritus Trustees.

Motion was made to adopt the resolution prepared by the President. Seconded. Motion was amended to permit all Trustees, specifically including student members, to qualify to become part of this class of Emeritus Trustees. ✓

October 10, 1975

Motion was passed as amended to adopt the following resolution.

Be it resolved by the Board of Trustees of the Colorado School of Mines at its regular meeting of October 10, 1975, due and proper notice having been provided, that its bylaws last revised September 7, 1973 be further revised as follows:

Add the following Section 3 and renumber succeeding Sections accordingly:

3. Emeritus Trustees. There shall be a class of trustees separate and apart from the class or classes created by statute which shall be styled Emeritus Trustees.

Any person either appointed by the Governor and confirmed by the Senate to the office of Trustee of the Colorado School of Mines or elected to the office of student member of the Board of Trustees pursuant to the provisions of H.B. 1232 (1975) shall qualify to become an Emeritus Trustee upon completion of the initial term as Trustee to which appointed and confirmed or elected, whether such term shall have been a full or partial one. Such person thus qualified shall then automatically succeed to the office of Emeritus Trustee when he leaves the office of Trustee upon completing either the initial term or the whole or part of a succeeding one.

The term of office of an Emeritus Trustee shall be for life, unless the person holding such appointment shall resign.

It shall be the duty of the Emeritus Trustees, as they may individually find themselves able and desirous of so doing, to continue their interest in and support of the School's mission and programs through attendance at regular and special meetings of the Board of Trustees, participation in School events, and representation of the School to its many publics.

Colorado School of Mines Council. Upon motion made, seconded, and passed the following amendment to the bylaws was approved.

Be it resolved by the Board of Trustees of the Colorado School of Mines at its regular meeting of October 10, 1975, due and proper notice having been provided, that its bylaws last revised September 7, 1973 be further revised as follows:

Add the following Section 4 and renumber succeeding Sections accordingly:

4. Colorado School of Mines Council.
 There shall be a broadly constituted Colorado School of Mines Council to advise the Board of Trustees in all of the areas of interest of the latter.

The appointed members of the Council shall be selected and designated by the Trustees of the Colorado School of Mines from among that group of persons able through experience, expertise, and interest to serve the School in general and special advisory and development capacities. There shall be no qualifications with regard to age, sex, nationality, occupation, place of residence or business, or alumni standing.

Trustees and Emeritus Trustees shall be Members of Council ex officio but shall not be eligible to hold any elective office of the Council. Members of the Council shall be appointed by the Board of Trustees for a three-year term to begin on November 1 of the calendar year of appointment. Members of Council may be reappointed as often as mutually desired. In making the initial and succeeding appointments it shall be borne in mind that the class of Members of Council is expected to be a continuing one and arrangements shall be made so that ultimately a group of Members is appointed each year for a three-year term, thus providing continuity to the group.

The Council shall elect from among its appointed members a presiding officer, who shall have all duties and responsibilities normally devolving upon such office. This election shall be held at the first meeting of the Council following November 1 of each calendar year. No person may directly succeed himself as presiding officer more than once.

The President of the Colorado School of Mines shall designate from among the members of the Administration a person, preferably an officer of the School, to serve as Executive Secretary to the Council.

It shall be the duty of the members of Council to serve the Colorado School of Mines as they may individually find themselves able and desirous of so doing upon the call of the Board of Trustees in the areas of general and special consultation on long-range plans and development, of advising on academic and student affairs programs, and of assisting in developing and enhancing of the public image of the Colorado School of Mines.

Nonprofit Corporation. Upon motion made, seconded, and passed, the following resolution was adopted.

WHEREAS, this Board of Trustees has previously indicated its approval and intent for the incorporation of a nonprofit corporation to issue its obligations on behalf of the Colorado School of Mines and to perform such other acts as an instrumentality of the Colorado School of Mines as may be deemed desirable from time to time; and

WHEREAS, W. G. Scott, Vice President for Business Affairs of the Colorado School of Mines, has now incorporated the Colorado School of Mines Building Corporation (the "corporation") to carry out such purposes, and there have been presented to this Board of Trustees a copy of the Articles of Incorporation of the corporation; and

WHEREAS, the members of the Board of Trustees in their capacities as such will be the directors of the incorporation;

RESOLVED, that the corporation is hereby approved;

FURTHER RESOLVED, that actions by W. G. Scott in incorporating the corporation are hereby ratified, approved and confirmed;

FURTHER RESOLVED, that the employees of the Colorado School of Mines may serve as officers of the corporation.

Mr. Stockmar cautioned that we must be extremely careful in our use of this corporation and that any further uses should be very carefully screened because we could, by injudicious use, poison the entire concept.

Selection of Fund Raising Counsel. Mr. Welles reported that of nine firms considered, the selection had been narrowed to a field of three firms. The selection committee will meet on October 22 to interview representatives of these three firms. After that a contract will be negotiated for presentation to the Colorado School of Mines Foundation on November 25, and organizational plans will be drawn for a fund raising campaign.

Sabbatical Leave Program. President McBride said that, because Board members have from time to time expressed interest in the sabbatical leave program, Dr. Gary has prepared a report of the program covering the last 5 years. Dr. Gary expressed the general philosophy of the program as being of benefit to the School primarily in that it refreshed the faculty member, brought new views and vitality to his teaching, and in many cases brought favorable publicity to the School.

One Board member said there had never, to his knowledge, been any question about the concept of the sabbatical leave program, but the question was with the budget limitations.

President McBride stated that a personal report on recent academic leaves could be arranged if the Board had the time and interest. Several members of the Board expressed a desire to hear the faculty members make such reports and Dr. McBride said he would make the arrangements.

Investments. Mr. Stockmar said the Board has been serving as an investment committee of the whole and we have some assets in the hands of the U. S. Bank of Denver. At this time the Trust Department of the bank is recommending that we make certain changes in our portfolio. Mr. Stockmar recommended that we follow the recommendations being made as of October 8, 1975 and that we also accept their advice to define our investment objective. These funds, consisting of gifts to the School, constitute a very small amount compared to the CSM Foundation portfolio and we can be guided by the expertise of Investment Committee of the Foundation and the Trust Department of the bank.

(The motion/resolution to commit these funds to the care of the Investment Committee of the Foundation to be drawn by Mr. Stockmar.)

(Passed with Mr. Stockmar abstaining in the voting.)

Cooperative Education. Professor David K. Matlock entered the meeting to participate in the discussion of his study and conclusions on a cooperative education program at Mines. Professor Matlock had chaired a committee last school year which had investigated the matter thoroughly and had concluded such a program was possible at Mines. The first two years of a student's work at Mines would be especially easy to program for a cooperative plan in that courses are offered every semester and thus could be picked up at any time by students in the plan. The junior and senior years will pose more problems but can be worked out.

Mr. Reeves and Mr. Eisenach spoke from personal experience of the great benefit to the student and to industry of a Mines graduate with practical on-the-job training. Mr. Reeves said that in coal mining, as an example, certain work certificates are required. A student, by working while obtaining an education, can enhance job opportunities upon graduation more than by going straight through school and working one year after graduation. He said the coal industry with which he is most familiar is in great need of persons not only with management and technical abilities, but also ability in the fields of research and education.

It was the consensus of the Board that the School should explore the general idea by applying for a federal grant to fund the first year of exploration and proceed to develop the program.

Joint Interim Committee on Education. President McBride informed the Board of conversations held by him with Senator Hugh Fowler, Chairman of the Joint Interim Committee on Education. These conversations covered a wide range of subjects including especially the question of effective governance of higher education in Colorado and a companion question of the authority and responsibility of boards of control. It was tentatively agreed that Senator Fowler's committee would welcome informal public discussions with governing boards to elucidate these questions, and it was further proposed that an early meeting with the Mines Board be the first of such hearings. ✓

(Although not scheduled at the time of the Board meeting, the hearing with the Mines Board was actually held on October 24, 1975.)

Budget Hearings. President McBride called the attention of the Board to three budget hearings as follows:

October 29, evening - CCHE & governing boards

October 30 - 1:30 to 2:15 p.m. - CCHE

November 4 - JBC, on campus

The date has not been set for possible EBO hearings.

Distinguished Achievement Medals. President McBride asked for and received instructions on the screening committee to make recommendations to the Board. The Board committee to receive such recommendations was appointed by President Stockmar as follows: Messrs. Eisenach, Grynberg, Fogarty, and Reeves. ✓

Athletic Director Retirement. President McBride called the attention of the Board to the anticipated retirement at the end of this school year of the Athletic Director, Fritz S. Brennecke.

The members of the Board were of the opinion that perhaps this would be an opportune time to review the entire athletic program in view of budget constraints.

The meeting adjourned at 12:30 p.m.

Secretary