The Board of Trustees met in regular session on January 13, 1967 at 12:00 noon in the Denver Club, Denver, Colorado.

Present: Messrs. Fenwick, Parker, and Stockmar.

Absent: Mr. Eisenach.

President Childs and Mr. Steinhauer attended the meeting.

Dr. Parker, President of the Board, presided.

Vouchers as listed in Exhibit A attached were examined and allowed.

Previous Minutes. The minutes of the meeting held on December 9, 1966 were approved.

Names for New Dormitories. After some discussion, it was moved, seconded, and unanimously passed that the new dormitories would be named the Lester C. Thomas Hall and the Jesse R. Morgan Hall.

New Appointments to the Graduate Faculty. President Childs reviewed for the Board a list of those recommended for appointment to the Graduate Faculty. He explained that appointment to the Graduate Faculty was primarily recognition of those faculty members who participate in the graduate program and work on the graduate degree committees for the individual students. The Graduate Faculty are given special recognition in the School catalog.

Upon motion made, seconded, and unanimously passed, the following new appointments were made to the Graduate Faculty:

S. Dale Foreman
Elwyn Shimoda
Assistant Professor of Basic Engineering
Assistant Professor of Chemical and Petroleum-Refining Engineering
Assistant Professor of Chemistry
Assistant Professor of Chemistry
Assistant Professor of Chemistry
Assistant Professor of Chemistry
Assistant Professor of Chemistry
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Assistant Professor of Chemistry
Assistant Professor of Chemistry
Assistance Professor of Petroleum Engineering
Stipends for Graduate Fellows. President Childs presented a recommendation from the Graduate Dean that stipends for graduate fellows be at the rate of $2,000 for services of 15 hours per week. The stipend rate may be pro-rated up to a maximum of 30 hours of service. Tuition, but not fees, will usually be waived on 8 or more hours of service.

Upon motion made, seconded, and unanimously passed, the stipend rate for graduate fellows was approved.

Curricula for New Degree Programs. President Childs distributed copies of the preliminary draft of the proposed Professional Degree program as prepared by the Curricula Committee of the faculty. He asked that the members of the Board review the draft. He stated that because of the printing deadline for the new catalog he would ask for approval of the curricula at the February meeting of the Board.

Service Pin for Faculty. President Childs presented a drawing of two different pins which would be given to faculty for certain years of service. He stated he would have figures on cost at a later date.

Property Along Clear Creek. Mr. Steinbauer reported that he had been contacted by Mr. Cliff Evans regarding the sale of property along Clear Creek. Mr. Evans is giving the United States government an option on adjoining property which he had previously acquired from the School for the site of the new post office for Golden. Mr. Evans is now asking that the School give him an option on the tract between Block D and 1/2 and Illinois Street. He has offered to purchase the tract at the previously appraised price of $12,000 or purchase another property of an equal value in exchange.

The Board approved granting Mr. Evans an option to acquire the property but not on the basis of the $12,000 at which the property had previously been appraised. The members of the Board were of the opinion that the property had appreciated in value and that it would be reasonable to work out a trade on present values.

Budget Recommendations by the Colorado Commission on Higher Education. President Childs reported that the Colorado Commission on Higher Education was recommending to the Joint Budget Committee only a 3 percent general fund increase in the 1967-68 budget. In their November report the Commission had expressed the desire to study our needs and goals in greater depth.

The members of the Board were in agreement that the School should do a better job in telling our story to the public in order that there would be more understanding and better acceptance of the fact that we are a special institution and thus incur special costs.

The Board felt that we should protest the decrease in our budget request to the Colorado Commission on Higher Education and to the Joint Budget Committee, bringing to their attention

January 13, 1967
attention the importance of the mineral economy to the State of Colorado. They reaffirmed the decision which had been made to increase out-of-state tuition by $100, effective with the 1967-68 school year, explaining that to increase tuition more at this time would change the pattern previously established. One of our distinct goals which we are achieving on an increasingly satisfactory basis is to increase the percentage of Colorado residents but without sacrificing the valuable aspects of having out-of-state students. Also there is an implied contract which we have with students who enroll under a schedule of previously announced tuition rates. Even though we have every intention of increasing out-of-state tuition more in the future, we cannot increase tuition so rapidly that we would make it impossible for those presently enrolled to finish their education at Mines.

The members of the Board thought it important that comparable student costs be obtained from other state schools offering engineering education so that it could be shown that our costs were not out of line with other engineering schools per se.

Monthly Reports. Mr. Steinhauer distributed copies of the monthly reports as follows: Summary of Budget Appropriation & Disbursements, December 31, 1966; Balance Sheet, December 31, 1966; Restricted Funds, December 31, 1966; Restricted Funds, Exhibit B, December 31, 1966; Budget Summary of Experimental Plant, December 31, 1966; Geophysical and Geological Studies, as of December 31, 1966; Hill Levy Building Fund, as of December 31, 1966; Budget Summary of Operations Pledged to Open End Bond Issue, December 31, 1966; Budget Summary of Mines Park Addition and CSM Houses No. 1, for period ending December 31, 1966; Budget Summary of CSM Houses No. 2, for period ending December 31, 1966; Budget Summary of CSM Athletic Association, for period ending December 31, 1966; Budget Summary of 1966-67 Health and Accident Plan for the Associated Students of the Colorado School of Mines, December 31, 1966; and the Graduate Research Center, Summary of Budget, for month ending December 31, 1966.

The meeting adjourned at 3:00 p.m.

Assistant Secretary

January 13, 1967
RECORD OF PROCEEDINGS

Golden, Colorado
February 10, 1967

The Board of Trustees met in regular session on February 10, 1967 at 8:30 a.m. in the President's Office of the Colorado School of Mines.

Present: Messrs. Eisenach, Penwick, and Parker.

Absent: Mr. Stockmar.

Dr. Parker, President of the Board, presided.

President Childs and Mr. Steinhauer attended the meeting.

Vouchers as listed in Exhibit A attached were examined and allowed.

Previous Minutes. The minutes of the meeting held on January 13, 1967 were approved.

Degree Program Announcement for Catalog. President Childs asked for board approval to show in the catalog a general statement covering the new degree program without making any attempt to give details.

After some discussion with regard to the details of the program, the Board did approve the publication of a general statement in the new catalog.

Commencement. President Childs reported on a request from the senior class that the Commencement exercises be held on Stratton Commons. The Board left the decision to President Childs.

President Childs reported that he had issued an invitation to Secretary John W. Gardner, Health, Education, and Welfare, to give the Commencement address but had not received an answer.

The members of the Board were of the opinion that the invitation should be extended to Senator Gordon Allott.

Director, CSM Foundation. Mr. Kenneth R. Penwick was appointed to serve as a Director of the CSM Foundation to replace the late Mr. Lester C. Thomas.

Athletic Conference. President Childs reviewed the situation with regard to an intercollegiate athletic conference. He stated that he thought some affiliation was desirable.

After some discussion it was recommended that Mines make application to the Mountain Division of the Rocky Mountain...
Athletic Conference which would include Regis College, Western State College, Adams State College, Ft. Lewis College, New Mexico Highlands University, Eastern New Mexico University, Western New Mexico University, Westminster College, and Southern Utah College.

Each school joining the Conference was being asked to pledge $1,500 a year for a three-year period. President Childs was recommending only a first-year commitment of $1,500. The Board approved this one-year commitment of $1,500.

Leave of Absence, Dr. Richard S. Culver. President Childs reported that Dr. Culver, Assistant Professor of Basic Engineering, had been awarded a Ford Foundation Residency in Engineering Practice for one year, beginning in June, 1967. The program, funded by the Ford Foundation, is designed to aid in the development of young teachers in their application of academic fundamentals. The teacher works in private industry and is paid by the Ford Foundation, thus the leave being requested by Dr. Culver would be without pay.

The Board approved the leave of absence without pay for Dr. Richard S. Culver for the 1967-68 academic year.


Sueller Claim. In reviewing the Balance Sheet, Mr. Steinhauer called attention to the item of $1,981.52 outstanding against the construction account, College Union & Married Student Housing, which represents amount due the architect, Mr. Sueller. Mr. Sueller is still disputing this amount and the Board instructed Mr. Steinhauer to turn the matter over to the Attorney General.

Investment of School Funds. Mr. Steinhauer distributed a listing of funds not on deposit with the State Treasurer as of December 31, 1966. There was a brief discussion of the amounts and manner in which these funds were deposited. Mr. Steinhauer was instructed to determine whether it would be in accordance with state law to invest some of these funds in commercial paper. Further discussion of this item is anticipated.

School Infirmary. President Childs read a letter from the School Physician, Dr. W. Lloyd Wright, in which Dr. Wright expressed his concern over the fact that unlicensed personnel dispense medications to students in the School Infirmary. Dr. Wright was of the opinion that the School should take steps to remedy this situation by employing sufficient qualified personnel.

February 10, 1967
The Board was in complete agreement that the School should take the necessary steps to operate within the framework of the law.

Report on 1966 Bronco Contract. President Childs reported that the School grossed $13,294 on the contract with the Denver Broncos during the summer of 1966. Of this amount, $1,000 was transferred to the General Fund of the School. The balance was transferred to the Bond and Interest Sinking Fund of the self-maintaining properties.

College Union. President Childs reported that whether or not the School obtained a license to sell 3.2 beer in the college union, he would like to have a room in the presently unfinished portion of the union where special banquets and dances could be held, where students could play bridge, eat their lunches which they bring, and where vending machines could be made available for soft drinks, etc.

The Board approved the idea.

Furniture for New Dormitories. Mr. Steinhauser reported that after investigating the matter he thought it would be more practical and economical to buy furniture for the dormitories, even though built-in furniture would be allowable as part of the Revenue Bond Issue. He estimated that the furniture and equipment would cost approximately $50,000, and he listed available sources.

In the discussion that followed, the members of the Board expressed the opinion that the bequest of Mr. Lester C. Thomas would be an appropriate source for funds to pay for this furniture. However, this was not to be construed as a gift but as a debt which must be repaid from future excess earnings. For the present time the money used from the Thomas bequest would be interest free with no firm schedule for repayment.

In the event the Thomas bequest was not available by the time the payment must be made, Mr. Steinhauser was instructed to borrow from the Buggenheim Fund and make repayment later when the Thomas bequest was available.

The meeting adjourned at 11:45 a.m.

Assistant Secretary

February 10, 1967
The Board of Trustees met in regular session on March 10, 1967 at 8:30 a.m. in the President's Office of the Colorado School of Mines.

Present: Messrs. Eisenach, Fenwick, Parker, and Stockmar.

President Childs attended the meeting.

Dr. Parker, President of the Board, presided.

Vouchers as listed in Exhibit A attached were examined and allowed.

Previous Minutes. The minutes of the meeting held on February 10, 1967 were approved.

Distinguished Achievement Medals. It was moved, seconded, and unanimously passed that Distinguished Achievement Medals be awarded at Commencement to the following alumni:

- August F. Beck, E.M. 1925
- C. Clay Crawford, M.E. 1940
- John Mark Gardner, B.E. 1933
- S. Power Warren, L.M. 1913
- Gaylord C. Weaver, Geol.E. 1926

van Diest Gold Medal. It was moved, seconded, and unanimously approved that a van Diest Gold Medal would be awarded to Mr. Ira E. McKeever, Jr. at Commencement on June 2.

Catalog. President Childs asked the members of the Board to mark any section of the catalog to which they had objection and return to him.

Terman Report. President Childs distributed copies of a report which had been made by Dr. Frederick E. Terman for the Colorado Commission on Higher Education. President Childs reported that he was having an informal meeting with some college presidents and the Director of the Commission on March 22 to discuss the report.

Honorary Degree. Upon motion made, seconded, and unanimously carried, the granting of an honorary degree to Senator Gordon Allott was approved.

Salary Schedules. President Childs presented for review the salary schedule approved at the January 12, 1962 Board meeting setting forth minimums and maximums for all teaching and nonteaching classifications.

March 10, 1967
President Childs stated he would like to discontinue the non-teaching brackets altogether because he did not believe they had any meaning at the present time. Possibly he would present a new system for future consideration. The Board approved.

After some discussion, it was moved, seconded, and unanimously passed that the following brackets be approved for the academic ranks:

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<tr>
<th>Rank</th>
<th>Minimum</th>
<th>Maximum</th>
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<tr>
<td>Instructor</td>
<td>$6,000</td>
<td>$9,000</td>
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<tr>
<td>Assistant Professor</td>
<td>7,000</td>
<td>12,000</td>
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<tr>
<td>Associate Professor</td>
<td>9,000</td>
<td>15,000</td>
</tr>
<tr>
<td>Professor</td>
<td>11,000</td>
<td>open</td>
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Investment of Funds. Mr. Stockmar reviewed the status of the school funds.

After the matter was reviewed, it was agreed that a plan should be prepared and presented for the consolidation of funds to bring the greatest total benefit to the school, that we should evaluate the services we get from individual banks, and that we should make the use of the relatively large amount of our cash deposits to the best future advantage of the school. It was also agreed that a review and evaluation should be made at regular intervals.

Sigma Phi Epsilon House Site. President Childs reviewed for the Board the transactions which took place with regard to the site selection of Sigma Phi Epsilon and Sigma Alpha Epsilon fraternities.

SPE will use Site 7 and SAE will use Site 8. Because the change in site will add $2,900 to the cost of the SPE house, the School is reducing the price of Site 7 to $8,000, the SAE fraternity is paying SPE $1,300 in cash, and the remaining $900 will be borne by the SAE fraternity.

Bills in Legislature. President Childs reported on the bills before the current legislature which concern us.

He reported that the bill correcting the site descriptions on fraternity row was now through both the House and the Senate.

He reported that Representative George Pentress was introducing a bill to appropriate the accrued net income and future net income from Houses Group 2 to the Mines Park Revenue Bond and Interest Sinking Fund Account.

Property at 1202 19th Street. President Childs reported that Mr. Steinhauser had received a copy of a letter addressed to the Board from Mrs. Ada Olmstead with regard to the sale of her property at 1202 19th Street. This property had been appraised in 1961 at $16,500. Mrs. Olmstead was asking $25,000 for the property at this time.
President Childs was instructed to obtain a new appraisal on the property and bring the matter back to the Board after discussion with Mrs. Olmstead.


Audit. President Childs reported that a representative from Arthur Andersen & Company was coming to the campus the following week to discuss a systems study. Such a study was being considered as a result of the last audit report.

Mineral Economics. Mr. Stockmar again asked that serious consideration be given to a program of mineral economics.

The meeting adjourned at 12:15 p.m.

Secretary

March 10, 1967
RECORD OF PROCEEDINGS

Golden, Colorado
April 17, 1967

The Board of Trustees met in special session on
April 17, 1967 at 8:30 a.m. in the President's Office of the
Colorado School of Mines.

Mr. Stockman had been reappointed by the Governor
for another six-year term. Two new Board members, Mr. Russell H.
Volk who was appointed to fill the vacancy left by the expiration
of Mr. Penwick's term, and Mr. William A. Alexander who was
appointed to fill the vacancy left by the resignation of Mr.
Coors, took the oath of office.

Other Board members present were Mr. Eisenach and Dr.
Parker.

President Childs attended the meeting.

Dr. Parker, President of the Board, presided.

Vouchers as listed in Exhibit A attached were examined
and allowed.

Previous Minutes. The minutes of the meeting held on
March 10, 1967 were approved.

CSM Foundation, Inc. Dr. Parker appointed Mr. Alexander
to the Board of Directors of the Colorado School of Mines Foundation,
Inc. Mr. Alexander accepted the appointment.

Colorado Commission on Higher Education. Dr. Parker
appointed Mr. Volk to represent the Board on the Advisory Committee
to the Colorado Commission on Higher Education. Mr. Volk accepted
the appointment.

"Task Force" Study of CSM. President Childs reviewed for
the new Board members the background of the situation which is
resulting in a special group to study the Colorado School of Mines.
A draft of points to be covered, as prepared by the Executive
Director of the Commission, was made available to the members of the
Board.

In the discussion which followed, it was agreed that the
School should be doing a better job in informing the public of the
importance of the mineral industries to the State of Colorado and
the role of the School in the development of the mineral industries.
It was suggested that funds from the CSM Foundation could be put to
good use in publicizing the School and its importance to the State.

April 17, 1967
Emeritus Status. The policy of granting emeritus rank was reviewed.

Upon the recommendation of Dean Kuhn and President Childs, it was moved, seconded, and unanimously passed that Professor George W. LaMaire and Professor Richard V. Hughes be granted emeritus status effective upon their retirement at the end of this school year.

New Staff Appointment. President Childs reviewed the changes being made in the reorganization of duties in the Business Office and the qualifications of a new staff member.

Upon motion made, seconded, and unanimously passed, the following appointment was approved.

Leonard L. Johnson
Assistant Finance Officer

$7,500

Leave of Absence - Dr. Charles Shull. President Childs reported to the Board that although no formal request had been made he knew that Dr. Shull was going to ask for an extension of his leave of absence to continue the work he was doing.

Upon the recommendation of President Childs, it was moved, seconded, and unanimously passed that Dr. Shull be granted another year's leave of absence without pay.

Oil Shale. Mr. Stockmar stated that he had been giving a great deal of thought as to how the School could serve the State of Colorado in the promotion of oil shale work. He stated that in his opinion the Interior Department did not wish to favor the major oil companies, but because so few independent oil companies would be interested in investing in oil shale research, it led to the general impression that the majors were being favored.

Mr. Stockmar thought that perhaps the Colorado School of Mines Research Foundation might indicate a willingness to serve as a research nucleus around which the independents and major oil companies could form with the clear understanding that at a proper time the Research Foundation would withdraw and act as consultant, if at all. He felt that it would serve the purpose of all concerned for the Research Foundation to make application for a lease to accomplish this and that President Childs should seek an audience with the Department of the Interior in Washington to explore the possibility of such an arrangement.

Mr. Stockmar was authorized to design a lease which would provide a legal mechanism allowing the CSM Research Foundation to enter into an official program on oil shale development.

Mr. Steinhauser entered the meeting at this time.

Monthly Reports. Mr. Steinhauser reviewed the monthly reports as follows: Summary of Budget Appropriation & Disb. Agreements, March 31, 1967; Balance Sheet, March 31, 1967; Restricted Funds.

April 17, 1967

CSM Houses Group 2 Funds. Mr. Steinhauser reported that the bill, House Bill No. 1472, which provided for the transfer of $41,803.06 from the CSM Houses Group 2 to the Mines Park Bond and Intra-Sinking Fund Account had been passed by both houses of the legislature.

Pi Kappa Alpha House, 17th and Illinois. President Childs reviewed for information only the situation with regard to the PKA house. The house is now unoccupied and is still owned by the PKA fraternity who bought the house from Kappa Sigma several years ago for $55,000. President Childs stated that he had looked at the house with the thought of buying it to use as an infirmary or a girls' dormitory. The idea of using it as an infirmary was discarded because of lack of fireproofing. The purchase of it for a girls' dormitory was not considered practical at this time.

Barnhardt Property - 1704 Illinois. Mr. Steinhauser reported that he had been contacted by Mr. Barnhardt regarding the purchase of that property. It was not suggested that the School buy the property at this time but only reported for information.

Plans for New Warehouse. Mr. Steinhauser and President Childs presented the preliminary plans for the new warehouse to be built at 13th and Maple. President Childs explained that the cost of the building would be covered by the $80,000 appropriated in 1966 for this purpose.

Upon motion made, seconded, and unanimously passed the Board approved the preliminary plans for the new warehouse. Working drawings will now be prepared.

Investment of School Funds. As requested at the March meeting, Mr. Steinhauser had prepared a proposal to consolidate School funds and copies of the proposal were distributed. The funds involved were non-state funds, i.e. Guggenheim legacy Fund, Restricted Funds, Student Health and Accident Fund, and the Open-End Bond Issue. Mr. Steinhauser's proposal would implement the Board's recommendation to combine many small accounts presently in various locations into several larger accounts.

Upon motion made, seconded, and unanimously passed, the plan was approved.
Special Meeting. President Guilds asked that a special meeting be held at the Petroleum Club at noon on April 21 in order to obtain approval for faculty salaries. With the exception of Mr. Alexander who was going to be out of town, the members of the Board agreed to such a meeting.

The meeting adjourned at 2:00 p.m.

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Secretary

April 17, 1967
The Board of Trustees met in special session on April 21, 1967 at noon in the Petroleum Club.

Present were Messrs. Eisenach, Parker, Stockmar, and Volk.

Absent: Mr. Alexander.

Dr. Childs attended the meeting.

The meeting was called to consider salaries for faculty and administration.

The following salaries were approved:

Henry A. Babcock
Associate Professor of Basic Engineering
$11,500

Charles Baer
Assistant Professor of Mathematics
9,900

Martin S. Barber
Editor, Office of Public Information
10,800

Geraldine D. Bariari
Librarian
8,200

Carlisle T. Barry
Librarian
8,500

Paul F. Bartunek
Professor of Physics
11,400

Daniel M. Bass, Jr.
Professor of Petroleum Engineering and Head of Department
16,800

George T. Bator
Associate Professor of Mining Engineering
11,200

Victor W. Bauman
Assistant Professor of Mathematics
10,100

Kenneth E. Bellamy, Jr.
Assistant Dean of Students and Director of Student Housing
9,400

Jerry R. Barger
Assistant Professor of Petroleum Engineering
10,400
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<td>Ramon E. Bisque</td>
<td>Professor of Chemistry</td>
<td>$12,400</td>
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<td>Harold Bloem</td>
<td>Associate Professor of Chemistry</td>
<td>10,500</td>
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<td>Don Loren Bohmont</td>
<td>Assistant Professor of Mathematics</td>
<td>9,100</td>
</tr>
<tr>
<td>Ardell John Boes</td>
<td>Assistant Professor of Mathematics</td>
<td>10,000</td>
</tr>
<tr>
<td>Ralph B. Boxersox</td>
<td>Professor of Physics</td>
<td>14,800</td>
</tr>
<tr>
<td>Fritz S. Brennecke</td>
<td>Professor and Head of Department, Physical</td>
<td>14,000</td>
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<td>Education and Athletics</td>
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<tr>
<td>Austin R. Brown, Jr.</td>
<td>Professor of Mathematics and Director of the</td>
<td>12,800</td>
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<td>Computer Center</td>
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<td>Jerry Don Bumpus</td>
<td>Assistant Professor of English</td>
<td>8,600</td>
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<tr>
<td>H. Dean Burdick</td>
<td>Director of Admissions</td>
<td>12,300</td>
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<tr>
<td>Jerrold J. Burnett</td>
<td>Assistant Professor of Physics</td>
<td>10,400</td>
</tr>
<tr>
<td>Frank R. Campbell</td>
<td>Associate Professor of Basic Engineering</td>
<td>10,800</td>
</tr>
<tr>
<td>Robert H. Carpenter</td>
<td>Professor of Geology</td>
<td>12,600</td>
</tr>
<tr>
<td>William J. Chapitis</td>
<td>Assistant Professor of English and Modern</td>
<td>9,900</td>
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<td>Foreign Languages</td>
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<tr>
<td>W. John Cieslewicz</td>
<td>Instructor in Russian and German</td>
<td>7,000</td>
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<tr>
<td>Bernette Conrey</td>
<td>Departmental Assistant</td>
<td>7,500</td>
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<tr>
<td>William D. Copeland</td>
<td>Assistant Professor of Metallurgical</td>
<td>10,000</td>
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<td>Engineering</td>
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<tr>
<td>Catharine S. Cross</td>
<td>Librarian</td>
<td>7,100</td>
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<tr>
<td>Stephen Ray Daniel</td>
<td>Instructor in Chemistry</td>
<td>6,400</td>
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April 21, 1967
James Darden
Associate Professor of Physical Education and Athletics
$10,900

Byron N. Darnell
Conductor of Band and Glee Club (part-time)
3,400

Joseph E. Davies
Associate Professor of Physical Education and Athletics
11,500

Lynnard Wayne Denton
Instructor in English
7,000

Richard H. DeVoto
Assistant Professor of Geology
9,500

Dean W. Dickerhoof
Associate Professor of Chemistry
10,400

Philip F. Dickson
Associate Professor of Chemical and Petroleum Refining Engineering
10,700

Walter H. Durke
Professor of Chemistry and Head of Department
16,000

Rudy C. Eplee
Associate Professor of Geology
11,300

Kenneth W. Edwards
Assistant Professor of Chemistry
9,300

Elsie Christine Ericson
Librarian
7,500

L. David Emmert
Budget Officer and Personnel Officer
11,000

Joseph J. Finney
Assistant Professor of Geology
10,100

Edward G. Fisher
Professor of English and Head of Department
15,400

Hilbert E. Fletcher
Assistant Professor of Basic Engineering
7,700

S. Dale Foreman
Associate Professor of Basic Engineering
11,200

Hildreth Frost, Jr.
Assistant Professor of Metallurgical Engineering and Administrative Assistant
9,500

Charles O. Frush
Associate Professor of Mining Engineering
11,200

April 21, 1967
Maurice C. Fuerstenau  
Associate Professor of Metallurgical Engineering  
$12,000

Martin E. Fuller, II  
Associate Professor of Chemistry  
11,000

Stephen L. Gardner  
Instructor in Economics  
7,000

James H. Gary  
Professor of Chemical and Petroleum-Refining Engineering and Head of Department  
17,900

John M. George  
Assistant Professor of English  
9,300

Robert L. Greenwald  
Director of Plant Facilities  
13,100

C. E. Gregory  
Professor of Mining Engineering  
11,700

L. Trowbridge Grose  
Professor of Geology  
12,100

Niles E. Grovenor  
Associate Professor of Mining Engineering  
10,800

Raymond R. Gutzman  
Associate Professor of Mathematics  
10,100

Frank A. Hadsell  
Associate Professor of Geophysics  
11,900

John P. Hager  
Assistant Professor of Metallurgical Engineering  
9,700

Jeryl Louise Hamilton  
Museum Curator and Research Technician, Department of Geology  
6,700

John W. Hancock  
Assistant Professor of Physical Education and Athletics  
9,600

Steve Hanks  
Instructor in Economics  
7,400

John D. Haun  
Professor of Geology  
12,900

John R. Hayes  
Professor of Geology  
13,600

Paul G. Herold  
Research Professor of Ceramic Engineering, Department of Metallurgical Engineering  
15,800

April 21, 1957
Carl L. Hiltrop
Associate Professor of Chemistry
$10,000

John C. Hollister
Professor of Geophysics and Head of Department
$18,800

Patrick C. Hunt
Special Lecturer in Speech (part-time)
$3,700

Robert M. Hutchinsen
Associate Professor of Geology (on academic leave for first semester at three-quarters of this salary)
$11,200

George W. Johnson
Associate Professor of English
$11,200

Leonard L. Johnson
Assistant Finance Officer
$8,100

James G. Johnstone
Associate Professor of Basic Engineering
$12,100

A. Raymond Jordan
Dean of the Graduate School
$18,300

Leonard Kalal
Assistant Professor of Philosophy
$9,000

Marvin L. Kay
Instructor in Physical Education and Athletics
$7,500

George V. Keller
Professor of Geophysics
$12,500

T. A. Kelly
Professor of Basic Engineering and Head of Department
$15,400

George H. Kennedy
Assistant Professor of Chemistry
$8,300

Harry C. Kent
Associate Professor of Geology
$10,200

John V. Kline
Professor of Physics
$11,400

Michael A. Klugman
Associate Professor of Geology
$10,400

Charles A. Kohlhaas
Instructor in Petroleum Engineering
$8,500

Truman H. Kuhn
Dean of Faculty
$20,800

April 21, 1967
Andrew H. Larson  
Professor of Metallurgical Engineering  
$12,800

Winton Laubach  
Assistant Professor of Mathematics  
$8,200

William E. Law  
Assistant Professor of Physics  
$10,700

William E. Lackie  
Assistant to the Dean of Faculty  
$10,200

Joseph R. Lee  
Professor of Mathematics and Head of Department  
$14,600

L. W. LeRoy  
Professor of Geology  
$13,600

Robert J. Lickus  
Assistant Professor of Geology  
$9,200

V. Allan Long  
Professor of Physics and Head of Department  
$14,800

J. D. Lubahn  
Professor of Metallurgical Engineering and  
Director of Materials Research Laboratory  
$15,600

George B. Lucas  
Professor of Chemistry  
$12,200

Maurice Major  
Associate Professor of Geophysics  
$11,900

Donald C. A. Marsh  
Professor of Mathematics  
$11,500

Scott J. Marshall  
Assistant Professor of Basic Engineering  
$9,100

Warren J. Mason  
Assistant Dean of Students and Registrar  
$10,200

Frank S. Mathews  
Associate Professor of Physics  
$11,300

Douglas A. Mathewson  
Instructor in English  
$7,700

Robert W. McAllister  
Associate Professor of Physics  
$11,700

George T. Meredith  
Professor of Geophysics  
$15,300

C. Samuel Miller  
Assistant Professor of Physics  
$9,900

April 21, 1967
B. J. Mitchell
Assistant Professor of Petroleum Engineering
$10,800

Fred E. Moore
Associate Professor of Geology
11,400

Gabriel M. Neumzert
Instructor in Basic Engineering
6,400

Carl G. Nordquist
Assistant Professor of Economics
10,300

Robert B. Osborn
Associate Professor of Mathematics
10,900

Bartlett W. Paulding, Jr.
Assistant Professor of Basic Engineering
10,600

Robert W. Pearson
Instructor in Physical Education and
Business Manager of Athletics
8,000

Anton C. Pegis
Assistant to the President and
Professor of English
14,500

George R. Pickett
Associate Professor of Geophysics
11,200

Ronald D. Preston
Associate Professor of Basic Engineering
10,500

John J. Reed
Professor of Mining Engineering and
Head of Department
15,800

Robert D. Reed
Assistant Professor of Physics
10,100

W. M. Richtmann
Professor of Basic Engineering
13,500

Paul A. Rodgers
Professor of Geophysics
12,900

Arthur Y. Sakakura
Assistant Professor of Physics
11,200

N. Cyril Schielitz
Professor of Metallurgical Engineering
14,000

A. W. Schlichten
Professor of Metallurgical Engineering and
Head of Department
19,800

Samuel Shey, III
Instructor in Mining Engineering
8,400

April 21, 1967
Elwyn Shimoda
Assistant Professor of Chemical and Petroleum-Refining Engineering

Ruth B. Simon
Research Associate, Department of Geophysics

George T. Sisson
Laboratory Assistant in Chemistry

Margaret Smart
Librarian

Francis E. Smiley, Jr.
Dean of Students and Associate Professor of Basic Engineering

David T. Snow
Assistant Professor of Geology

Michael L. Spain
Assistant Professor of English

Sherman W. Spear
Director of Publications

Charles W. Starks
Assistant Professor of Chemistry

Gurnett Steinhauser
Business Manager

Franklin J. Sternole
Associate Professor of Chemical and Petroleum-Refining Engineering

Frances L. Stewart
Laboratory Assistant in Metallurgical Engineering

Robert J. Taylor
Instructor in Basic Engineering

John R. Terrey
Instructor in Mathematics

John C. Thomas
Research Assistant

David W. Trexler
Associate Professor of Geology

Frank R. Utter
Finance Officer

Elliot W. Wager
Instructor in English

April 21, 1967
Cooper H. Wayman
Assistant Professor of Chemistry

Robert J. Weimer
Professor of Geology and Head of Department

Walter W. Whitman
Associate Professor of Mathematics

Virginia Lee Wilcox
Head Librarian

John T. Williams
Professor of Chemistry

Robert D. Witters
Assistant Professor of Chemistry

W. Lloyd Wright, M.D.
School Physician and Head of Medical Department

F. Richard Yeatts
Associate Professor of Physics

The meeting adjourned at 2:00 p.m.

Secretary
Golden, Colorado  
May 12, 1967

The Board of Trustees met in regular session on  
May 12, 1967 at 8:30 a.m. in the President's Office of the Colorado School of Mines.

Present: Messrs. Alexander, Parker, and Volk.

Absent: Messrs. Eisenach and Stockman.

President Childs attended the meeting.

Dr. Parker, President of the Board, presided.

Vouchers as listed in Exhibit A attached were examined and allowed.

Previous Minutes. The minutes of the meeting held on  
April 17, 1967 were approved.

Colorado Commission on Higher Education. Dr. Parker  
reported that the Commission was calling a meeting of the boards of control for the state colleges and universities for July 7.  
The Commission had asked that we submit six items for the agenda. Each member of the Board was asked to send two items to Dr. Childs who would collect all items and submit the list.

President Childs reported on a letter from the Commission in which it was stated that two advisory councils were being formed to extend and improve communication between the Commission and the institutions. One was a council on fiscal and budgetary affairs and the other was a council on automated data processing. The Board was asked to appoint a representative on each council.

Upon recommendation of President Childs, the Board appointed to the first council Mr. Dave Farmer, our Budget Officer, and to the second council, Dr. Austin Brown, the Director of our Computing Center.

Candidates for Degrees. The following list of those recommended by the Faculty for degrees on the dates specified was approved, subject to the final completion of work and the meeting of all requirements for graduation:

June 2, 1967

ENGINEER OF MINES

Charles Monac Albrecht               John D. Morgan
Phil Alan Bowman                   Robert Dean Morris
Fred Louis Burrell                  Kenneth Ray Pohle
Robert Douglas Carson               Neil B. Brennan
Kenneth Allen Dickson
Richard Henry Fox
Warren Lee Harrison
John Richard Hoyer
Robert William Jensen
Thomas Glen Miller

METALLURGICAL ENGINEER

Robert Allen Ayres
Richard Currie Barr
James Allan Bradbury
Robert L. Bradock
Gary Eugene Butts
James Walter Colzani
Larry King Elliott
Edmund Palmer Finch
Terrence Alan Graham
Charles Collins Hanebuth, Jr.
Richard Wayne Harper
Brian Randolph Hayden
Wayne Hickerson Holliday
James Edward Hones

GEOLoGICAL ENGINEER

John Joseph Antony
James Robert Beatt
David Samuel Bolin
Stephen Paul Collins
Randall Euston Connolly
Marshall Stephen Crouth
Louis B. Harmon
John Roswell MacTavish Hill

PETROLEUM ENGINEER

Rasoul Hady Al-Kishfri
Stephen Louis Allison
Joseph Elias Bochatay, Jr.
Henry Brent Crichlow
Harri DeBoer

PETROLEUM REFINERIES ENGINEER

Mohamed Baghdadi
Harold Allen Burgess
James A. Gesick
Dwayne Nathan Hartman
Thomas William Laman
Premod J. Lavingia

GEOPHYSICAL ENGINEER

Abdul Razzaq J. Al-Ansari
Hamed M. Jasad Al-Jakeem
Hashim T. Al-Najim

Richard Lee Schnittel
Joseph Anthony Scheuerling
Gary David Snell
Ronald Earl Versaw
Robert George Wilken

Stanley M. Howard
James Douglas Ingram
Richard Earl Jarboe
Charles Herbert Loriniller
Alan Leo Lubey
Stephen H. Maytag
Wayne B. Pickering
Gary Paul Pierce
John Richard Plavan
Charles R. Saltzer
John Nicholas Teets
Robert Keith Thomas
Thomas Grinnell White

James Edwin Hodges
Richard Kanda
Henry G. Kreis
William Frank Larson
Eduardo Anibal Moya
Robert Alden Snyder
Ellery Holbrook Wilson

Jimmie Dean Grimes
Dan Russell Long
Rodney James Martin
Frank Kiebner, III
San Edward Walthall

Clyde Eugene Morrison
Loren L. Pritzke
Gerald Thomas Reay
Adolph George Stoll, Jr.

Frank Jeffrey Hersey
Donald William Howard
Harry Meakin Lindsay
MINERAL ENGINEER-CHEMISTRY

Richard Charles Clark
Oliver John Roman, Jr.
Elsie Jane Rose

MINERAL ENGINEER-MATHEMATICS

Edwin Randolph Cole, Jr.
James Donald Covey
Alfred Olaf Moody, Jr.

MINERAL ENGINEER-PHYSICS

Michael K. Greenburg
David Merle Naukeshell
Peter Steven MacDonald

July 15, 1967

GEOLOGICAL ENGINEER

Myron Kenneth Beck
Charles Austin Bush
John D. Mayhew

PETROLEUM ENGINEER

Thomas Joe Garner

PETROLEUM REFINING ENGINEER

Alberto Rafael Cisneros Perfetti
John I. Gordon
Charles Edward Kirby
Joseph Danzil Stewart, Jr.
Michael Edward Webber

GEOGRAPHICAL ENGINEER

Reginald Shi Young Lee

MINERAL ENGINEER-MATHEMATICS

Bruce Edward Tyner

September 9, 1967

ENGINEER OF MINES

Gerald Bonhomme
Gregory Hal Hoyle
Uthai David Kamoltham

Stephen Joseph Navin
Robert Good Smith, Jr.
METALLURGICAL ENGINEER
Michael James Barber
Gary A. Galusha
Robert Sterling Glidden

John Howard MacDonald
Robert Wayne Scheck
Mark Steven Yancey

GEOLOGICAL ENGINEER
Peter Earl Mitchel-Maciulaitis
Dennis Eugene Peperkorn
David Alan Wolfe

PETROLEUM ENGINEER
Fadil Baba-Ali
Alberto F. Charles
J. Michael Lacey

Philip Anthony Lesser
Garrett Henry Nollen
Michael Allen Stead

PETROLEUM REFINING ENGINEER
Mahdi Shukur Al-Shali
Kenneth Wayne Bott
Wilmer Jesse Foster
William Jeffrey Hart
Charles Lee Hayman

Ronald Russell Jones
James Lee McDaniel
Richard W. Rhodes
Glenn C. Schilling, Jr.
Donald Steven Tipton

GEOPHYSICAL ENGINEER
Kenneth Ashley Miller
Robert Gaston Rodriguez

MINERAL ENGINEER-MATHEMATICS
Waldo R. Keenan, Jr.

MINERAL ENGINEER-CHEMISTRY
Arthur Franklin Clark
Danny Ken Harper

MINERAL ENGINEER-PHYSICS
Robert Campbell Anderson
Abram Anthony DeHerrera, Jr.

David Richard DeLaney
John Smith Haggis, III

June 2, 1967

MASTER OF SCIENCE

Department of Mining Engineering
Tron Jorstad
Darcy H. Wentworth

Department of Metallurgical Engineering
Roger Larry Allman
Martin C. Kuhn

May 12, 1967
Mr. Steinhauser entered the meeting at this time.

Proposal for Campus Plans. President Childs submitted for the approval of the Board an estimate of work to be done by the Ken R. White Company as follows:

1. Plans for addition to chemistry building.
2. Plans for an expansion of the library.
3. Plans for the remodeling of the administration building.
4. Updating of the master plan for entire campus.

According to present procedure, the proposal has to be submitted to the Colorado Commission on Higher Education and, if approved, the work will be paid for out of funds appropriated to the Commission for program planning.

Upon motion made, seconded, and unanimously passed, the Board approved the proposal for submission to the Commission.

Humanities Center. President Childs reported that he had discussed with the Ken R. White Company an alternative for the Center to be planned within the $1,300,000 limit of available funds. The firm staff believes it is feasible to scale the building down to the available amount of money with the idea that a second floor could be added with additional funds when available. The reduced size may seriously hamper the usefulness of the Center.

President Childs reported that on a recent trip to Washington he had visited the Department of Health, Education, and Welfare and had received some encouragement to use another approach in the application for funds from the government in the context of a graduate-professional center.

President Childs reported to the Board that he had received the first third of a pledge of $30,000 from the Standard Oil (Indiana) Foundation.


May 12, 1967
Transfer of Funds. President Childs reviewed the developments on the request to the legislature to transfer $41,803 from the CSM Houses Group 2 to the Mines Park Bond and Intra-Sinking Fund Account. The bill had passed both houses of the legislature but had not yet been signed by the Governor.

The State Auditor had stated his preference that the funds be used to finance the recommended accounting systems study. The firm of Arthur Andersen & Company has made a proposal to conduct a systems study for a fee not to exceed $22,000. It is hoped that the study can be started in May as soon as funding can be arranged.

President Childs said he would contact the State Auditor and attempt to gain his support in the matter.

1967-68 Budgets. Mr. Steinbauer distributed copies of the preliminary budgets as follows:

CSM Operating Budget in the amount of $3,475,431.

Operations Pledged to Open End 1962 Bond Issue in the amount of $400,862.

College Union in the amount of $72,357.

Food Services in the amount of $156,045.

Bradford Hall in the amount of $24,520.

Randall Hall in the amount of $23,690.

Prospector Park in the amount of $17,345.

Prospector Village in the amount of $70,940.

Mines Park in the amount of $29,585.

Operations Pledged to Open End 1966 Bond Issue in the amount of $44,535.

Thomas Hall in the amount of $27,720.

Morgan Hall in the amount of $16,815.

Mines Park Addition and CSM Houses No. 1 in the amount of $111,783.

Experimental Plant in the amount of $27,000.

CSM Athletic Association in the amount of $47,477.

CSM Houses No. 2 in the amount of $25,025.

1967-68 Health and Accident Plan for the Associated Students in the amount of $43,261.

All School (organizations) Budget in the amount of $35,056.
Research Services in the amount of $183,093.

Upon motion made, seconded, and unanimously passed, the budgets were approved.

College Union Rathskeller. President Childs presented preliminary plans Mr. Greenwald had prepared for a presently unfinished portion of the college union. The estimated cost, exclusive of furnishings, was $18,000.

Upon motion made, seconded, and unanimously passed, the Board approved the proposed plans but asked for opportunities to review as plans progressed.

The meeting adjourned at 12:00 noon.

President

May 22, 1967