

June 7, 1968

MASTER OF SCIENCE

Department of Mining Engineering

Carl DeWitt Broadbent	Henry Albert Truebe
Frederick W. Leighton	Raymond King Will
Carlos O. Madrazo	

Department of Metallurgical Engineering

Richard Addison	Jozef Rene Roos
Vicente Falconi Campos	Jerry Dean Schulz
Robert Neil Cruzan	Guillermo Leon Serna S.
Conrad Franklin Fiftal	Earl Shortridge
Charles Edward Freeman, Jr.	Gary Cole Shrader
Ramon S. Pizarro	Richard Allan Walker
Alejandro Rodriguez-Gratacos	John Robert Weber

Department of Geological Engineering

Luiz Bianchi	Bruce Eaton Kilpatrick
Richard Joseph Bridwell	Jose Eduardo Machado
George Henry Covington III	John O. Maberry II
Jonathon Edward DuHamel	Gustavo E. Valdes Ortega
Robert Alan Hutchinson	Hilario Zeuss

Department of Petroleum Engineering

Homer Joe Boyd	Nicolai Linder Arenas
Turgay Baylav	Walter C. Pearson, Jr.

Department of Chemical and Petroleum-Refining Engineering

Jack S. Corlew	Arezki Rekouche
James Lawrence Kyle	Robert Sevelius Pearson
Armando Ramon Pazos Arreaza	

Department of Geophysical Engineering

Mohammad Ali	Robert Randolph Morgan
Tsu Ko Chao	Robert C. Munson
Luis Del Castillo Garcia	Thomas Michael Welsh
Peter Graebner	Stanley Smookler

DOCTOR OF SCIENCE

Department of Metallurgical Engineering

Roger W. Derby	Richard Joseph McClincy
Dessouki Abdelwahab Elgillani	David John Murray

RECORD OF PROCEEDINGS

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Department of Geological Engineering

W. Alexander Blood Nilendu* Sundar Mukherjee
R. Prajatna Koesoemadinata Stephen H. Pilcher
Barry Keys McMahon

Department of Chemical and Petroleum-Refining Engineering

LeRoy Paul Berti V. Ramaswamy
Mehmet Oktay Beskardes Hyung Koon Zang
Arthur Joseph Kidnay, Jr.

Department of Geophysical Engineering

Russell L. Gray Donald Douw Snyder, III

Interdisciplinary Departments of Chemistry and Chemical and Petroleum- Refining Engineering

Yuzuru Murata

Departments of Chemistry and Geological Engineering Geochemistry

Han-Ling Ong George E. Rouse

Academic Leave - Dr. George V. Keller. President Childs presented a request from Dr. Keller, approved by Dean Kuhn, for a leave for the first semester of the 1968-69 school year. Dr. Keller was asking for a leave to accept a Senior Research Fellowship by the New Zealand Research Council to undertake a study of deep thermal anomalies on the North Island, using inductive electrical methods.

President Childs concurred in Dean Kuhn's recommendation that Dr. Keller be granted an academic leave for the first semester of the next school year at one-half salary. The other half of the salary scheduled for Dr. Keller will be used to cover instructional costs while Dr. Keller is away. ✓

Upon motion made, seconded, and unanimously passed, the Board approved this leave.

Leave of Absence, Professor George T. Bator. President Childs presented a request from Professor George T. Bator that he be granted a leave of absence, without pay, for the 1968-69 school year in order for him to gain further industrial experience. Dr. Reed, Head of the Department of Mining Engineering, reported in a memo dated May 9 that he recommended the leave but had informed Professor Bator that he could not assure him that a position would be available in the 1969-70 school year. ✓

May 10, 1968

Dean Kuhn and President Childs concurred in the recommendation of Dr. Reed.

Upon motion made, seconded, and unanimously passed, the Board approved this leave.

New Faculty Appointments. President Childs reviewed the qualifications of those receiving new appointments to the faculty as follows:

Jose F. T. Agapito Instructor in Mining Engineering	\$7,200
Walter L. Bradley Assistant Professor of Metallurgical Engineering	10,400
James Dover Assistant Professor of Geology	10,000
William Hustrulid Assistant Professor of Mining Engineering	10,800
Justin B. Pierce Assistant Professor of History and Philosophy	8,000
Hormuzd Y. Rassam Assistant Professor of Basic Engineering	11,000
Milton A. Wiltse Assistant Professor of Geology	9,400

Upon motion made, seconded, and unanimously passed, the appointments were confirmed.

Mr. Steinhauer entered the meeting at this time.

Monthly Reports. Mr. Steinhauer reviewed the monthly reports as follows: Balance Sheet, Education and General Funds, April 30, 1968; Restricted Funds, April 30, 1968; Agency Fund, Source of Funds, April 30, 1968; Summary of Budget Appropriation & Disbursements, April 30, 1968; Budget Summary of Experimental Plant, April 30, 1968; Mill Levy Building Fund, as of April 30, 1968; Budget Summary of Operations Pledged to 1962 Open End Bond Issue, April 30, 1968; Budget Summary of Mines Park Addition and CSM Houses No. 1, April 30, 1968; Budget Summary of Operations Pledged to 1966 Bond Issue, April 30, 1968; Budget Summary, CSM Athletic Association, April 30, 1968; Graduate Research Center, Summary of Budget, April 30, 1968; and the Budget Summary of 1967-68 Health and Accident Plan for the Associated Students of the Colorado School of Mines, April 30, 1968.

May 10, 1968

Budgets for 1968-69. Mr. Steinhauer presented additional budgets for the 1968-69 school year.

Mr. Steinhauer presented the proposed budget of the Health and Accident Plan of the Colorado School of Mines Associated Students in the amount of \$50,240.

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

Mr. Steinhauer presented the 1968-69 budget for the Associated Students. He stated the officers of the Associated Students were asking for an increase in the student fees to cover the deficit budget which they had presented. President Childs stated he had not had an opportunity to study the proposed budget and that he would like time to confer with the student officers before making a recommendation to the Board.

The Board authorized President Childs to allow an increase in student fees up to \$2 per semester if he thought the situation warranted such increase. The Board also authorized the President to approve the budget of the Associated Students according to his own judgment.

Mr. Steinhauer presented the Athletic Association budget for 1968-69 in the amount of \$57,500.

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

Rocky Mountain Athletic Conference. President Childs reported that the Conference now had 15 members. He reported that a maximum of tuition waivers, fees, and books were being sanctioned as a Conference rule. He also reported that he had raised the number of athletic tuition waivers from 70 to 90, recognizing that the present 70 have not always been used but that 90 was in accord with new Conference maximums.

The meeting adjourned at 12:00 noon.

Secretary

May 10, 1968

RECORD OF PROCEEDINGS

Golden, Colorado
June 14, 1968

The Board of Trustees met in regular session on June 14, 1968 at 8:30 a.m. in the President's Office of the Colorado School of Mines.

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

Absent: Mr. Alexander.

Dr. Parker, President of the Board, presided.

President Childs attended the meeting.

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

Previous Minutes. The minutes of the meeting held on May 10, 1968 were approved.

New Faculty Appointments. Upon motion made, seconded, and unanimously passed, the following new appointments to the faculty were approved:

David L. Butler Instructor in Geophysics	\$3,000 (first semester)
John Hogan Assistant Professor of English	9,000
Arthur J. Kidnay Assistant Professor of Chemical and Petroleum-Refining Engineering	11,300
Oded Rudawsky Assistant Professor of Economics	10,000

Leave of Absence - Elwyn Shimoda. President Childs presented a request from Elwyn Shimoda, Assistant Professor of Chemical and Petroleum-Refining Engineering, for a leave of absence for the 1968-69 school year in order to continue his doctorate work at the University of Denver on a full-time basis.

Upon motion made, seconded, and unanimously passed, the Board approved the leave of absence without pay for Professor Shimoda.

June 14, 1968

Certificates of Appreciation. President Childs asked that the Board of Trustees reconsider the decision made at the January meeting to reserve the silver certificates of appreciation for outstanding service. He stated that the certificates had become regarded as a traditional recognition of long service to the School, and he felt that a change at this time would result in great disappointment for faculty looking forward to this award upon retirement.

Upon motion made, seconded, and unanimously passed, the Board approved the awarding of silver certificates.

Policy on service and emeritus status will be studied and recommendations brought back.

Parfet Proposal for Rezoning. President Childs presented a letter from Mr. William Parfet requesting that the School support a change of zoning from R-3 to C-2 on 19th Street from Jones Road to the Nils Christiansen property. Mr. Parfet was asking that the School furnish a letter stating that there was no objection to such a change in the zoning.

The members of the Board were of the opinion that the School should not take a position of opposition or support in this matter.

Mr. Steinhauer entered the meeting at this time.

Graduate and Professional Center - Financing. Upon motion made, seconded, and unanimously passed, the following resolution was adopted:

WHEREAS on February 7, 1966 and November 11, 1966 the Board of Trustees approved construction of a Graduate and Professional Center at a total cost, including land acquisition, of \$2,845,000; and

WHEREAS the State of Colorado appropriated for such land acquisition \$245,000 and House Bill No. 1091 of the Acts of the Colorado General Assembly of 1968 conditionally appropriated \$600,000, provided that the School could provide from non-State funds the remaining \$2,000,000 of the then estimated cost of the building of \$2,600,000; and

WHEREAS Cecil H. Green and Ida M. Green (to the extent of \$1,400,000), and the Brown Foundation (to the extent of \$30,000) in the aggregate conditionally pledged \$1,430,000 toward the construction of the building; and Standard Oil (Indiana) Foundation, Inc. (to the extent of \$30,000), American Metal Climax, Inc. (to the extent of \$300,000), Kroll Foundation (to the

extent of \$10,000), Kresge Foundation (to the extent of \$25,000), William Friedhoff (to the extent of \$130,000), CSM Foundation (to the extent of \$25,000), Mobil Foundation (to the extent of \$50,000), in the aggregate pledged unconditionally \$570,000, making a total of \$2,000,000; and

WHEREAS the additional sum of \$31,000 has already been paid to the Ken R. White Company and credited to this project, thus bringing the total of available and expended funds to \$2,876,000; and

WHEREAS on the basis of revised estimate of the cost of the building received from the Ken R. White Company, architects, on June 10, 1968, it is now contemplated that the building, including the acquisition of land, will cost \$3,145,000;

NOW THEREFORE BE IT RESOLVED that the President of the Colorado School of Mines is authorized and directed to seek approval of a contract for architectural design of the building as presently contemplated to require total estimated expenditure of \$2,900,000 (exclusive of land acquisition) and that in support thereof, but without presently appropriating the same for such purpose, the Board of Trustees unconditionally pledges cash and bonds from its Guggenheim Fund account in the amount of \$225,000 and cash in the amount of \$44,000 from the Edwin E. Hand Fund account, or an aggregate of \$269,000, if and to the extent required, for the payment of the addition to the previously estimated cost of such building; it being understood, however, that the President will use his best efforts to secure additional funds needed for such construction from other non-State sources so that the funds hereby pledged will not in fact be required. The pledge hereby made shall be sufficient in all respects to meet every requirement that the estimated cost of the building be "funded" as is required by House Bill No. 1091, and by the letter pledge of Cecil H. Green and Ida M. Green dated April 12, 1968 and the pledge from the Brown Foundation dated January 9, 1967.

Monthly Reports. Mr. Steinhauer reviewed the monthly reports as follows: Balance Sheet, Education and General Fund, as of May 31, 1968; Source of Funds, Restricted for Scholarship and Grants, May 31, 1968;

Agency Fund, Source of Funds, May 31, 1968; Summary of Budget Appropriation & Disbursements, May 31, 1968; Budget Summary of Experimental Plant, May 31, 1968; Mill Levy Building Fund, May 31, 1968; Budget Summary of Operations Pledged to 1962 Open End Bond Issue, May 31, 1968; Budget Summary of Mines Park Addition and CSM Houses No. 1, May 31, 1968; Budget Summary of CSM Houses No. 2, May 31, 1968; Budget Summary of Operations Pledged to 1966 Bond Issue, May 31, 1968; Budget Summary, CSM Athletic Association, for period ending May 31, 1968; Graduate Research Center, Summary of Budget, May 31, 1968; Budget Summary of 1967-68 Health and Accident Plan for the Associated Students of the Colorado School of Mines, May 31, 1968; Cash Receipts and Disbursements, The Associated Students, May 31, 1968; and the Summary Budget of the Associated Students, May 31, 1968.

Appraisal of Buell Property. Mr. Steinhauer reported that the Buell family had received an appraisal of their property in the amount of \$22,750, as compared to the appraisal received by the School in the amount of \$17,000. After reviewing the appraisal received by the Buell family, the approach and conclusions did not seem realistic and it was moved, seconded, and unanimously approved that the School should abide by the appraisal received by the School in the amount of \$17,000. ✓

Budget for Office of Research Servies, 1968-69. Mr. Steinhauer reviewed the proposed budget for the Office of Research Services in the amount of \$26,369.

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

Proposed Operating Budget, 1969-70. Mr. Steinhauer presented the proposed operating budget for 1969-70 in the amount of \$5,196,885.

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

Five-Year Projection, Capital Construction. The projection was reviewed but approval was postponed until the report was received from the firm who was employed to make a master plan of the campus.

Student Fees. President Childs reported that as instructed at the May meeting, he had met with the officers of the Associated Students to review the proposed budget. As authorized also at the May meeting, President Childs had reached agreement with the student officers to increase the Associated Student Fee from \$8 per semester to \$9 per semester, effective with the 1968-69 school year. ✓

June 14, 1968

Financial Aid. President Childs reported that he had received a request from Dean Smiley for an increase in the total amount students may borrow from the School loan funds. The Board agreed to the new program of short-range loans at 6 percent interest and asked that the entire matter of financial aid, i.e. loans, interest rates, etc. be reviewed at another meeting. ✓

Audit. President Childs reported that he had received a letter from the new Legislative Audit Committee chairman stating that since the bondholder of the revenue-producing properties required an annual audit, such audit costs should be borne by the revenue-producing properties. ✓

President Childs reported that he had contacted a member of the Committee, Representative Joe Schieffelin, and had sent him copies of all the correspondence from the previous occasion when this same question had been raised. He stated he had an appointment to appear before the Legislative Audit Committee at its next meeting on June 28, hopefully to resolve the issue.

Heating Plant Remodeling, Electrical Distribution System. President Childs reviewed the recommendations of Mr. Greenwald and Mr. Steinhauer regarding the contracts for the work to be done. ✓

After some discussion, it was moved, seconded, and unanimously passed that the contracts for the work be awarded to Swanson-Rink & Associates. ✓

Faculty Insurance. President Childs reported on the recent vote of the faculty to increase the major medical benefits. The premiums were being increased by the company on July 1, 1968 in any event and the faculty had voted to increase the premiums further and obtain greater coverage for major medical benefits. This would also increase the School's contribution because the School pays one-half of the premium. ✓

Upon motion made, seconded, and unanimously passed, the increase in premiums was approved.

Beer Service. Mr. Steinhauer reported that he had received a proposal from the Prophet Foods Company for the handling of the sale of 3.2 beer in the college union. It was Mr. Steinhauer's recommendation that the School handle the sale of beer under the direction and supervision of Mr. Ken Bellamy, Director of the College Union. ✓

Upon motion made, seconded, and unanimously passed, the Board approved this recommendation.

The meeting adjourned at 1:15 p.m.

Secretary

RECORD OF PROCEEDINGS

Golden, Colorado
July 15, 1968

The Board of Trustees met in special session on July 15, 1968 at 8:30 a.m. in the President's Office of the Colorado School of Mines.

Present: Messrs. Alexander, Eisenach, Parker, and Volk.

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 June 14, 1968 were approved.

Financial Aid Program. President Childs stated that as requested at the June meeting, he had asked Dean Smiley to prepare a resume of our entire program of financial aid (loan programs) available to students. Copies of this summary were distributed to the Board members. ✓

The Board confirmed the approval given at the June meeting to increase the total long-term loan amount from \$1,000 to \$2,400 for senior and graduate students, from \$500 to \$1,200 for juniors, from \$100 to \$600 for second semester sophomores. Interest on loans was increased from 4 to 6 percent.

Students with Special Financial Need. President Childs expressed some concern that the School did not have any State funds set aside to assist students in need of financial aid but who did not qualify for scholarships. The members of the Board did not feel that the School had authority, without prior legislative approval, to use State funds for such cases. The Board instructed President Childs to study the situation and come back with recommendations.

Gun Control Regulations. President Childs expressed some concern about possession of guns by students. Under present regulations all guns owned by students who live in the dormitories are stored in gun lockers in a locked room.

July 15, 1968

The room and lockers are opened by the dormitory supervisor upon request by the student owning the gun.

The members of the Board expressed the opinion that any campus gun control regulation was premature until state and federal regulations were established. In the meantime, it was recommended that the assistance of the dormitory residents and the fraternity members be enlisted to review and establish their own rules and regulations for their own protection against irresponsible handling of guns. ✓

Monthly Reports. Mr. Steinhauer distributed and reviewed the monthly reports as follows: Balance Sheet, as of June 30, 1968; Source of Funds, Restricted for Scholarship and Grants, June 30, 1968; Agency Fund, Source of Funds, June 30, 1968; Summary of Budget Appropriation & Disbursements, June 30, 1968; Budget Summary of Experimental Plant, June 30, 1968; Mill Levy Building Fund, June 30, 1968; Budget Summary of Operations Pledged to 1962 Open End Bond Issue, June 30, 1968; Mines Park Addition and CSM Houses No. 1, Budget Summary, June 30, 1968; Budget Summary of CSM Houses No. 2, June 30, 1968; Budget Summary of Operations Pledged to 1966 Bond Issue, June 30, 1968; Budget Summary, CSM Athletic Association, June 30, 1968; Graduate Research Center, Summary of Budget, June 30, 1968; Budget Summary of 1967-68 Health and Accident Plan for the Associated Students of the Colorado School of Mines, June 30, 1968; The Associated Students, Cash Receipts and Disbursements, June 30, 1968; and the Budget Summary of the Associated Students, June 30, 1968.

Annual Audit. Mr. Steinhauer reported that a final answer had not yet been received on the question of an annual audit, but the possibility exists that this year's audit will be done by the State.

Plans for Infirmary. President Childs presented some preliminary drawings of an infirmary. President Childs was not asking for approval of these plans at this time but was presenting them in order to gain guidance in further planning. ✓

The Board asked for an operating budget for consideration along with the plans for a new infirmary.

Use of Student Funds. Mr. Steinhauer asked for a review of the policy set by the Board at the November, 1962 meeting which forbade the use of student funds for the purchase of alcoholic beverages. ✓

Upon motion made, seconded, and unanimously passed, the Board approved the use of student funds for the purchase of 3.2 beer for sanctioned social functions.

July 15, 1968

Budget Changes. President Childs reported to the Board that there had been a revision in the budget which had been presented and approved at the June meeting. That proposed budget had included an item of \$400,000 for the purchase of a computer. The decision had since been reached to rent a computer for \$10,000 per month for a four-year period with option to buy, rent applicable toward purchase price.

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

Five-Year Capital Construction. Mr. Steinhauer distributed copies of a proposed five-year capital construction program prepared in accordance with the recommendations of the firm, SUA, who had made the master plan of the campus. The five-year projection was to be filed with the State by August 1.

Upon motion made, seconded, and unanimously passed, the Board approved the projection for 1969-70 as shown on the schedule dated August 1, 1968 presented.

Degree Program. Mr. Volk reported on the meeting held on July 12, 1968 by the Colorado Commission on Higher Education. He said the Commission had expressed concern about whether the recommendations of the Task Force were being followed with regard to giving degrees in science. The Commission was not questioning the degree in Mineral Economics, but it was questioning the Bachelor of Science in Mathematics, Chemistry, and Physics, and also the Bachelor of Science in Geology and the Bachelor of Science in Geophysics.

Mr. Volk reported the concern of the Commission that Mines might be duplicating degrees given at other schools in the State. He had assured them that under no circumstances would we allow this institution to be diluted into a general science school, that we intended to continue the emphasis on mineral resources which has always characterized the School.

The Commission intended to consult with members of the Task Force before taking final action on the degrees.

Due Process with Regard to Disciplinary Cases. President Childs reported on a Colorado Commission on Higher Education meeting held the week before with the college presidents at which meeting there had been a great deal of discussion with regard to handling disciplinary cases.

Evidence presented proved that it was no longer possible for the schools to assume the in loco parentis role in view of recent court decisions. The consensus was

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that all Colorado schools should adopt uniform procedures for handling disciplinary cases, making provisions for appeal and counsel.

President Childs was instructed to work with the other schools on this matter and bring it back to the Board for approval in order that it would be in effect as soon as possible.

The meeting adjourned at 1:00 p.m.

Secretary

July 15, 1968

RECORD OF PROCEEDINGS

Golden, Colorado
August 8, 1968

The Board of Trustees of the Colorado School of Mines met in special session on August 8, 1968 at 8:30 a.m. in the President's Office.

Present: Messrs. Parker, Stockmar, and Volk.

Absent: Messrs. Alexander and Eisenach.

Dr. Parker, President of the Board, presided.

Dean Kuhn attended the meeting.

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

Previous Minutes. The minutes of the meeting held on July 15, 1968 were approved, subject to clarification in these minutes with regard to the financial aid program.

Faculty Appointments. Dean Kuhn presented a list of contracts which had been offered to new faculty. The appointments were:

Theodore Balberyszski	\$ 8,000
Instructor in Metallurgical Engineering	
Barbara J. Horn Fisk	8,800
Assistant Professor of Humanities	
Albert M. Keenan	12,500
Associate Professor of Mining Engineering	
Willard W. Pulkrabek	11,000
Assistant Professor of Basic Engineering	
(Second semester appointment, salary based on full school year.)	

Upon motion made, seconded, and unanimously passed, the Board approved the appointments of Theodore Balberyszski, Albert M. Keenan, and Willard W. Pulkrabek, and deferred action on the approval of Mrs. Fisk's appointment until further discussion with President Childs.

August 8, 1968

Federal Training Act. Dean Kuhn reported he had heard from Mr. Jack Rigg, Manager of the Colorado Mining Association, that a proposal which the Association had submitted to the federal government for funds to conduct a training program for ninety mine workers had been approved. The Colorado Mining Association was requesting the use of the School mine as a training location. There could be 30 men trained at one time for a three-week period, then another group, etc. until the ninety men had received training for work in mines. Mr. Rigg had suggested that in the course of training the trainees could retimber the mine and do other work which needed to be done.

Upon motion made, seconded, and unanimously passed, the use of the School mine was approved providing it does not interfere with the Mining Department's work and that we have absolute protection against any liability. It was stressed that all care must be taken to protect the School from any possible claim.

Central Board - CSM, CU, CSU. The Board reviewed the latest draft dated July 18, 1968 of a proposed constitutional amendment to combine the governing boards of the three universities into one single board.

There was some discussion and the consensus was that the Board would not object to this version of the wording of the proposed amendment.

Mr. Steinhauer entered the meeting at this time.

Property Along Clear Creek. Mr. Steinhauer reported that he had been contacted by Mr. Cliff Evans who wanted to acquire through purchase or trade the property the School owns along the south side of Clear Creek between Arapahoe and Maple.

The Board instructed Mr. Steinhauer to initiate a quiet title suit, and also to have the property along Clear Creek appraised as well as the property Mr. Evans wishes to trade in exchange.

Strawn Property, Buell Property. Mr. Steinhauer reported to the Board that he had been contacted by Mr. Leo Bradley who had been retained by Mr. Frank Strawn and the Buell family with regard to their two pieces of property.

With regard to the Strawn property, Mr. Bradley had engaged A. G. Bowes & Son, Inc. to make an appraisal. The appraisal had been made in the amount of \$20,500. This is \$2,000 higher than the appraisal made by Mr. Harold Jungbluth in 1965.

It was moved, seconded, and unanimously passed that Mr. Steinhauer be authorized to offer \$19,500 for the property, recognizing that our appraisal is slightly out of date.

With regard to the Buell property, Mr. Bradley had also engaged the Bowes firm for an appraisal and this property had been appraised at \$36,000 for commercial use. The appraisal which had been made at the School's request some time ago had been in the amount of \$17,000. The Board authorized Mr. Steinhauer to offer \$18,000, again in recognition of the length of time which has elapsed since the appraisal was made for the School.

Site Clearance. Mr. Steinhauer reported to the Board that soon after the first of September bids would be called for the demolition of the houses on the site for the Graduate and Professional Center. Due to strikes in the building trades, the new SAE and SPE houses probably would not be completed on time and some extension might have to be granted the fraternities. The Strawns had asked to stay in their house as long as possible, but it appeared that September 15 might be as long as this would be possible. The Attorney General had assigned Mr. Joseph Montano, who acts as chief counsel for the Highway Department for the Attorney General, to handle any condemnation proceedings which will be necessary.

Dean Smiley entered the meeting at this time.

Financial Aid Program. As discussed at the June and July Board meetings, the matter of interest rates on loans from CSM loan funds was reaffirmed at 6 percent. Interest on loans in default would increase to 8 percent. This change in interest rate would become effective September 1, 1968 and would cover all loans made from CSM student loan funds with the exception of the loans termed "Emergency Loans" which are made for a period up to sixty days and in amounts up to \$300 for which a \$2 handling fee is charged.

Dean Smiley reported that until the past several years loans were not made to first semester freshmen. In the fall of 1966 the federal government, through the Educational Opportunity Grant program, made available to students with extreme demonstrated need, funds for grants of between \$200 and \$800 which must be matched by the School with some type of financial aid. NDEA and private scholarship funds have been used for this matching financial aid.

Dean Smiley asked that the administration be authorized to use the CSM loan funds for freshmen up to a maximum of \$250 per applicant but not to exceed one-fourth of the total money loaned to the student (which may include NDEA, Foundation, or Alumni funds).

August 8, 1968

The following schedule details the limitations on loans:

Class	Maximum
Freshman	\$ 250 - no more than 1/4 total
Sophomore	
1st Semester	350 - no more than 1/2 total
2nd Semester	600
Junior	1,200
Senior or Graduate	2,400

Dean Smiley also asked for authorization to use accumulated income from the Rastall and Barry funds for student loans as well as the grants for which they are presently used. The Board agreed that there could probably be no better use of these funds but could not take action since these funds are under the control of the Colorado School of Mines Foundation, Inc. They agreed that the general concept was good but asked that the implementation of this change be deferred until some experience was gained on the actual need for loans at this higher interest rate, our ability to fulfill the financial needs of juniors and seniors under the new program of making funds available to freshmen, the impact of the changes in loan programs on enrollment, and such other related matters of concern.

Due Process - Student Discipline. There was a general discussion on the handling of student disciplinary cases. It was generally agreed that there should be some mechanism for providing hearings and appeals. But it was stated again that the School administration and the Board of Trustees have the authority and responsibility to operate the School as an institution of superior learning and that all conditions to insure such an atmosphere conducive to superior learning must be met. The members of the Board feel that a guarantee of the proper learning setting is one of the duties of the Board.

It was thought that consideration should be given to the inclusion in the student handbook and catalog of a statement which would give the philosophy of the Colorado School of Mines, letting it be known to all that it is a privilege, not an inherent right, to enter the Colorado School of Mines. When the privilege is accepted, there are commensurate obligations and duties on the part of the student. The School can establish entrance requirements which include an agreement on the part of the student to comply with certain standards of conduct as well as certain academic requirements.

Monthly Reports. Mr. Steinhauer distributed the monthly reports as follows: Balance Sheet, July 31, 1968; Source of Funds, Restricted for Scholarship and Grants, July 31, 1968; Agency Fund, Source of Funds, July 31, 1968;

August
September 8, 1968

Summary of Budget Appropriation & Disbursements, July 31, 1968; Mill Levy Building Fund, July 31, 1968; Budget Summary of Operations Pledged to Open End 1962 Bond Issue, July 31, 1968; Budget Summary of Operations Pledged to 1966 Bond Issue, July 31, 1968; Budget Summary of Mines Park Addition and CSM Houses No. 1, July 31, 1968; Budget Summary of CSM Houses No. 2, July 31, 1968; Budget Summary, CSM Athletic Association, July 31, 1968; Budget Summary of 1968-69 Health and Accident Plan for the Associated Students of the Colorado School of Mines, July 31, 1968; Budget Summary of the Associated Students, July 31, 1968; Budget Summary of Office of Research Services, June 30, 1968; and the Computing Center, Summary of Budget, July 31, 1968.

The meeting adjourned at 12:15 p.m.

Assistant Secretary

August 8, 1968

RECORD OF PROCEEDINGS

Golden, Colorado
September 13, 1968

The Board of Trustees met in regular session on September 13, 1968 at 8:30 a.m. in the President's Office of the Colorado School of Mines.

Present: Messrs. Eisenach, Parker, and Stockmar.

Absent: Messrs. Alexander and Volk.

Dr. Parker, President of the Board, presided.

President Childs attended the meeting.

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

Mr. Steinhauer entered the meeting at this time.

Previous Minutes. The minutes of the meeting held on August 8, 1968 were approved, subject to clarification in these minutes with regard to the financial aid program.

Property Along Clear Creek. Mr. Steinhauer reported that he had obtained an appraisal of the property along Clear Creek which Mr. Cliff Evans wishes to purchase. The property had been appraised at \$20,000.

Mr. Steinhauer had obtained an appraisal of the property at 1108 Nineteenth Street which Mr. Evans owns. This property had been appraised at \$9,000.

It was the recommendation of President Childs that we propose to Mr. Evans some sort of consolidation of Mrs. Olmstead's property and other properties west of Illinois on Nineteenth Street as a trade for the Clear Creek lots. Mr. Steinhauer was instructed to advise Mr. Evans of our desire to acquire the Olmstead property and proceed with appraisals when appropriate.

Strawn Property. Mr. Frank Strawn entered the meeting at this time to discuss the sale of his property at 914 Sixteenth Street. This property had been appraised by the Watson A. Bowes firm at \$20,500 under date of July 22, 1968. The property had previously been appraised by Mr. Harold Jungbluth on October 1, 1965 at \$18,500.

September 13, 1968

Mr. Strawn reviewed the various appraisals which had been made and expressed his hope that consideration would be given to these variances. He then left the meeting and the members of the Board told him that a decision would be made and he would be informed during the course of this meeting.

In the discussion which followed, it was agreed that in view of the appraisal made by the Bowes firm on the Buell property in the amount of \$36,000 which was considered by members of the Board to be unrealistic, the Board was not willing to rely on the Bowes appraisal of the Strawn property without qualifications.

It was moved that in an effort to update the appraisal made by Jungbluth, the School offer \$20,000 for the Strawn property. The motion was seconded and carried unanimously.

Mr. Strawn was called and he accepted the offer.

Site Preparation. President Childs reported that bids had been advertised for the demolition of the buildings in preparation for the site clearance. He reported that work would probably start October 1 in order to cause the least inconvenience to the present occupants who will have to move.

New Faculty Appointments. President Childs reviewed the qualifications and appointments of the following new faculty:

Donald F. Klodt	\$15,500
Research Coordinator and Associate Professor of Metallurgical Engineering	
Albertus T. Janssen	9,000
Instructor in Mining Engineering	

The appointment of Mrs. Barbara J. Horn Fisk, approval of which had been postponed at the August meeting, was discussed. President Childs reported to the Board that it was planned to have Mrs. Fisk work with Mr. Robert Taylor who has been here 13 years as an Instructor in Basic Engineering (Engineering Graphics). Mr. Taylor has recently received his M.A. degree from the University of Denver. Mr. Taylor will be working in the Department of Humanities helping Mrs. Fisk set up a course in design and the relationship of art to communications. President Childs reported that Mrs. Fisk's appointment was temporary and an experiment, and that the plan is to move Mr. Taylor into the Department of Humanities and Social Sciences next year.

After this explanation of the concept and intention, the appointment was approved.

Upon motion made, seconded, and unanimously passed, the two new appointments were approved.

Due Process - Student Discipline. President Childs asked that the Board authorize him to implement a code of student conduct effective with the beginning of the school year. He recommended that Dean Smiley's recommendation of July 22 be put into effect. This memo also covered the use of school facilities and a mechanism for student suspension.

The Board members asked that a copy of Dean Smiley's revised memo be sent to them after consideration of the changes suggested by Dean Kuhn and Mr. Steinhauer. It is expected that this matter will be considered by the Board at a special meeting.

President Childs reported that he was also going to ask for faculty assistance in setting up a mechanism for review of student disciplinary cases. This would then be brought to the Board for final approval.

Mineral Economics Seminar. Mr. Stockmar reported on a visit he had with Dr. Paul D. Newendorp who was interested in conducting a mineral economics course in the Denver area. President Childs stated he would be very glad to have it sponsored by the School, but he wanted to talk with his faculty first before committing the School to it.

Graduate and Professional Center. President Childs reported to the Board that the Capital Construction Project Application for the center had been approved in the amount of \$2,600,000, rather than \$2,900,000 requested. The State Controller's office stated that the legislature had approved a total amount of \$2,845,000 for the building which included the cost of the site acquisition.

In view of the action taken at the June meeting which assured funding in the amount of \$2,900,000 exclusive of site acquisition, President Childs had arranged for preliminary drawings for a building costing \$2,900,000. The preliminary drawings must be approved by the Division of Public Works before construction drawings can be ordered.

It was the consensus of the Board members that we should delay the architect's preparation of construction plans until legislative approval of the \$2,900,000 building (exclusive of site acquisition) is granted.

The meeting adjourned at 12:30 p.m.

Secretary

RECORD OF PROCEEDINGS

Golden, Colorado
October 11, 1968

The Board of Trustees met in regular session on October 11, 1968 at 8:30 a.m. in the President's Office of the Colorado School of Mines.

Present: Messrs. Alexander, Eisenach, and Volk.

Absent: Dr. Parker and Mr. Stockmar.

President Childs and Mr. Steinhauer attended the meeting.

Previous Minutes. The minutes of the meeting held on September 13, 1968 were approved.

Mineral Economics Seminar. President Childs reported to the Board that Dr. Schlechten and appropriate members of the faculty had been in touch with Dr. Campbell of the University of Oklahoma who wishes to bring a mineral economics seminar to the School. Details are being worked out to bring this course, entitled "Modern Decision Methods in Petroleum Investments," to the campus sometime in February or March, 1969. Four of our faculty will participate. The School will sponsor the course and it may be held in Denver if facilities here are not adequate.

William J. Coulter Chair in Mineral Economics. President Childs reported on a meeting he had with Mrs. William J. Coulter and her attorneys which resulted in a promise of \$10,000 per year toward the support of a "William J. Coulter Chair in Mineral Economics." This \$10,000 would be used to supplement the amount which we could offer from State funds for a salary sufficiently attractive to obtain a person of national renown.

The legal agreement between the Viola Vestal Coulter Foundation, Inc. and the School is being drawn up.

Mineral Economics Department. President Childs stated that he would like to give departmental status to the mineral economics division. The members of the Board who were present approved the suggestion, but formal action was deferred until the other members could be included in the discussion.

Colorado Commission on Higher Education Report. President Childs reported that the Commission was attempting to update its report, "Strengthening Higher Education in

October 11, 1968

Colorado," which was published in February of 1967. The Commission has asked for statements on functions and goals from all schools and universities.

A draft copy of our statement was distributed to each member of the Board present. President Childs stated he would be in touch with each member for suggestions and approval before the report was submitted to the Commission.

Recommendation for Renaming 100 Room, College Union. President Childs reported that he had received a recommendation from the College Union Advisory Board that the room now called the "100 Room" be named "The Presidents Room."

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

New School Physician. President Childs reported that a school physician had been employed. Dr. Donald G. Roberts of Golden had been employed as School Physician and Head of Medical Department at a salary of \$9,000 per year.

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

Monthly Reports. Mr. Steinhauer reviewed the monthly reports as follows: Balance Sheet, as of September 30, 1968; Source of Funds Restricted for Scholarships and Fellowships, September 30, 1968; Summary of Budget Appropriations & Disbursements, September 30, 1968; Budget Summary for Open End 1962 Bond Issue, September 30, 1968; Budget Summary for 1966 Bond Issue, September 30, 1968; Budget Summary for Mines Park Addition and CSM Houses #1, September 30, 1968; Budget Summary for State Rental Properties, September 30, 1968; Budget Summary for CSM Athletic Association, September 30, 1968; Budget Summary of Health and Accident Plan, September 30, 1968; Budget Summary of Associated Students of Colorado School of Mines, September 30, 1968; Budget Summary of Office of Research Services, September 30, 1968; and Computing Center, Summary of Budget, September 30, 1968.

Graduate and Professional Center. President Childs reported that he had been in contact with the architects who had modified the plans of the building in conformance with the \$2,600,000 amount specified on the Capital Construction Project Application.

Upon motion made, seconded, and unanimously approved, the preliminary plans dated September 12, 1968 were approved.

Upon motion made, seconded, and unanimously passed, Dr. Parker as President of the Board was authorized to sign the architect's contract for the building based on an estimated \$2,600,000 cost.

October 11, 1968

Clear Creek Property. Mr. Steinhauer reported that as instructed at the September meeting, he had contacted Mr. Cliff Evans about a trade of the property along Clear Creek for the properties along 19th Street which we would like to acquire. Mr. Steinhauer stated he would continue negotiations with Mr. Evans in anticipation of acquiring more of the property on 19th Street.

The general consensus was that the \$20,000 appraisal of the property along Clear Creek was low.

Guggenheim Remodeling. President Childs reported that the Colorado Commission on Higher Education had allocated \$6,000 for program planning in connection with the remodeling of Guggenheim Hall. Mr. Steinhauer had invited the Rogers-Nagel-Langhart firm and the Phillips, Carter, Reister and Associates firm to bid on the remodeling plans as recommended in the SUA report. The latter firm submitted the lower bid, but because it had no previous experience in program planning for the State, Mr. Steinhauer stated he was hesitant to accept this bid. The Rogers-Nagel-Langhart proposal seemed generally favored.

Mr. Steinhauer was instructed to discuss the situation with Mr. Millisack, Director of the Division of Planning. Dr. Childs and Mr. Steinhauer were directed to make the final choice after that discussion.

The meeting adjourned at 11:45 a.m.

Secretary

October 11, 1968

Degree Program - Task Force. President Childs reported on a visit on October 23 of two members of the Task Force and members of the Colorado Commission on Higher Education. The purpose of the return visit was to review the conclusions which had been reached by the Commission as a result of the Task Force report. The Commission had deferred action on certain degree restructuring, expressing concern about the proliferation of our degree program.

The Task Force is recommending to the Commission that we gain some experience with our Bachelor of Science degrees before we start granting B.S. degrees in Geology and Geophysics. The Task Force did approve of the B.S. degree in Mineral Engineering-Chemistry, Mineral Engineering-Physics, and Mineral Engineering-Mathematics, with the understanding that we continue to maintain the difference between these programs and the Bachelor of Science degrees granted in chemistry, physics, and mathematics at liberal arts schools.

The Master of Science degrees in Chemistry, Physics, and Mathematics were approved by the Task Force.

The Task Force and the Commission members stressed the importance of the School retaining its distinctive character in the training of mineral engineers.

The Board of Trustees had earlier (March 29, 1968) approved the degree titles: Bachelor of Science (Chemistry); Bachelor of Science (Mathematics); and Bachelor of Science (Physics).

At this time, the Board approved the change in title of the degrees to:

see attached memo

- Bachelor of Science (Mineral-Engineering Chemistry)
- Bachelor of Science (Mineral-Engineering Physics)
- Bachelor of Science (Mineral-Engineering Mathematics)

Rules Committee. President Childs reported on the work being done by the Rules Committee which is composed of representatives of the faculty, students, and administration. The committee expressed an interest in holding hearings, asking that students and faculty appear and express their opinions on areas where they feel improvements can be made.

The rules, when drawn up, will be presented to the Board for approval.

Girls Dormitory. It was generally agreed that a special name for the girls dormitory was not needed at this time.

November 8, 1968

TO President McBride

FROM Truman H. Kuhn

SUBJECT Degree Titles

DATE February 7, 1972

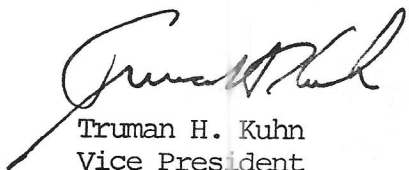
Confusion has developed as to the exact titles for our Bachelor of Science degrees in Mathematics, Physics and Chemistry. Titles in the catalog and on the diplomas have not been consistent.

I recommend that for the future the degrees be titled:

Bachelor of Science (Mineral Engineering--Chemistry)

Bachelor of Science (Mineral Engineering--Mathematics)

Bachelor of Science (Mineral Engineering--Physics).

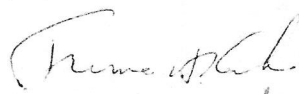

 Truman H. Kuhn
 Vice President
 Administrative Affairs

THK:r

Feb. 14, 1972

President McBride:

I have checked with Dean Smiley and on diplomas and commencement programs Bachelor of Science is followed by a degree designation in parentheses as in this memorandum.



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PRESIDENT'S OFFICE

Mr. Steinhauer entered the meeting at this time.

Monthly Reports. Mr. Steinhauer reviewed the monthly reports as follows: Balance Sheet, as of October 31, 1968; Source of Funds, Restricted for Scholarships and Grants, October 31, 1968; Summary of Budget Appropriations & Disbursements, October 31, 1968; Budget Summary for Open End 1962 Bond Issue, October 31, 1968; Budget Summary for 1966 Bond Issue, October 31, 1968; Budget Summary for Mines Park Addition and CSM Houses #1, October 31, 1968; Budget Summary for State Rental Properties, October 31, 1968; Budget Summary for CSM Athletic Association, October 31, 1968; Budget Summary of Health and Accident Association, October 31, 1968; Budget Summary - Associated Students of the Colorado School of Mines, October 31, 1968; Budget Summary of Office of Research Services, October 31, 1968; and Computing Center, Summary of Budget, October 31, 1968.

Audit of Self-Maintaining Properties. President Childs distributed copies of the audit made by Arthur Andersen & Company and copies of the letter which the auditing firm had written to Mr. Steinhauer. The letter contained several recommendations for the improvement of internal control as well as the management and accounting of the funds.

With specific regard to Recommendation 6 in which the redemption of Mines Park Revenue Bonds were shown to be not in inverse numerical order as required under the provision of the bond indenture, the Board upon motion made, seconded, and passed, ratified the present method of redemption. Such action was possible since the bonds are held by another fund of the School.

The Board examined the audit, discussed all the recommendations, and gave Mr. Steinhauer instructions to implement these recommendations.

Olmstead Property. Mr. Steinhauer reviewed his recent negotiations with Mr. Cliff Evans with regard to the trade of School property along Clear Creek for property within the long-range campus outline along 19th Street. He had received an appraisal of Mrs. Olmstead's property at 1202 19th Street in the amount of \$20,000. Since this was the amount of the appraisal on the Clear Creek property, it was Mr. Steinhauer's recommendation that the School trade with Mr. Evans.

Upon motion made, seconded, and unanimously passed, the Board authorized the administration to start the process of having special legislation introduced to allow this trade of property.

Extension of 12th Street to Highway 6. Mr. Eisenach and Mr. Steinhauer reported on the meeting which

had been held the previous day by the Golden Chamber of Commerce Planning Committee with regard to the City's long-range plans. The City of Golden would like to open 12th Street to Highway 6 as an additional access to the downtown area. For the present, the City only wanted some expression of how the School would react to such a suggestion.

The members of the Board were of the opinion that the School should not oppose this but that such an action should be considered along with other long-range plans which affect the School and the City.

Graduate and Professional Center. President Childs reported on the progress of the preliminary plans through State channels. He had talked with the Division of Planning and their approval was expected the day of this meeting. Therefore, the architects will be able to start the final drawings immediately.

The meeting adjourned at 12:15 p.m.

Secretary

November 8, 1968

RECORD OF PROCEEDINGS

Golden, Colorado
December 13, 1968

The Board of Trustees met in regular session on December 13, 1968, at 8:30 a.m. in the President's Office of the Colorado School of Mines.

Present: Messrs. Alexander, Eisenach, Parker, Stockmar, and Volk.

Dr. Parker, President of the Board, presided.

President Childs attended the meeting.

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

Previous Minutes. The minutes of the meeting held on November 8, 1968, were approved.

Degree Program. President Childs read a letter from the Colorado Commission on Higher Education dated December 4, 1968. The Commission approved the degree program and designations as follows:

Bachelor of Science (Mineral-Engineering Chemistry) ✓
Bachelor of Science (Mineral-Engineering Mathematics) ✓
Bachelor of Science (Mineral-Engineering Physics)

Master of Science (Chemistry)
Master of Science (Mathematics)
Master of Science (Physics)

*see attached
minutes*

Proposals of the School to add baccalaureate degree majors in geology and geophysics were deferred.

Diplomas. Upon motion made, seconded, and unanimously passed, it was agreed that the diploma for the Bachelor of Science degree should be parchment of a size deemed appropriate for a parchment diploma. ✓

Rotary Club Membership for President Childs. President Childs stated that he had been accepted for membership in the Denver Rotary Club. Mr. Steinhauer had made inquiry of the State Controller's office and had learned that upon Board approval such a membership fee and dues would probably not be questioned as a charge against the official functions account. ✓

December 13, 1968