

## RECORD OF PROCEEDINGS

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Golden, Colorado  
January 9, 1970

The Board of Trustees met in regular session on January 9, 1970, at 9:00 a.m., in the President's Office of the Colorado School of Mines.

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

Mr. Stockmar, President of the Board, presided.

President Childs and Mr. Steinhauer attended the meeting.

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

Previous Minutes. The minutes of the meeting held on December 12, 1969 were approved.

Ph.D. Program in Mathematics. President Childs discussed with the Board the letter which had been received and distributed to the members of the Board wherein the Colorado Commission on Higher Education gave notice of approval of the Ph.D. program in mathematics.

The letter specifically mentioned that the degree would specialize in operations research and linear analysis in mineral engineering. The letter from Dr. Abbott stated it was the Commission's understanding and intent that the program would preserve a mineral engineering orientation and that cooperation with other engineering institutions should be developed where it is economically sound and mutually beneficial. The Board too emphasized that we guard against duplication of programs in other State schools and the erosion of our mineral engineering orientation. ✓

President Childs stated the new program would appear in the new catalogue and the program would be initiated in the fall of 1970.

Mid-Year Graduation. President Childs announced plans were completed for the graduation ceremony to be held on January 15. The ceremony would be held in the student union and Mr. Volk as Vice President of the Board would accept the class and approve the granting of the degrees on behalf of the Board.

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### Notes

The members of the Board of Trustees met in executive session at 1:30 p.m., January 9, 1970, following the regular meeting of the Board.

Council of Presidents. President Childs reported that he and other presidents of State institutions of higher education had held a meeting at which the presidents had expressed considerable concern over the manner in which higher education was being represented by the Colorado Commission on Higher Education. A representative of the presidents had contacted Mr. Donald C. McKinlay and asked if there could be a joint meeting of the presidents and the Commission to discuss matters of concern. A date was being arranged.

Joint Budget Hearings. President Childs reviewed for the information of the Board the chronology of budget presentations and a misunderstanding which had arisen with regard to our budget. He distributed copies of correspondence between Dr. Abbott and himself with regard to the difference of understandings in budget item definitions.

President Childs stated the real need in our budget request was for an addition of seven teaching staff (\$100,000) and an additional \$75,000 for administrative staff additions.

President Childs stated he was having lunch the following Monday with a group of alumni with the hope of enlisting their help in our behalf. The members of the Board were of the opinion that we must not rely on alumni to furnish budget and fiscal detail to legislators which the alumni cannot be expected to have.

Report on Code of Conduct. Michael Daly, Student Body Vice President, delivered to the Board a report he had prepared on "The Current Standards and Codes of Student Conduct." There was, of course, no time to read the report and the members of the Board took it with them to read at a later date.

The meeting adjourned at 2:30 p.m.

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Candidates for Degrees. President Childs distributed copies of the lists of undergraduate and graduate students who were being recommended by the faculties for degrees.

Upon motion made, seconded, and unanimously passed, the following were approved for degrees, subject to the completion of all academic requirements and continued compliance with acceptable institutional standards of conduct.

### BACHELOR OF SCIENCE (MINING ENGINEERING)

Joseph Philip Aiello

### BACHELOR OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Dale Alan Fitzgibbons  
Eben Mabibi Makonese

### BACHELOR OF SCIENCE (GEOPHYSICAL ENGINEERING)

Catherine Adams King

### BACHELOR OF SCIENCE (MINERAL-ENGINEERING MATHEMATICS)

Daniel Lee Everett

### ENGINEER OF MINES - PROFESSIONAL DEGREE

Monty Lee Christo	Douglas Keith Meriwether
Gary Joseph Colaizzi	David Edward Miall
John Joseph Faltis, Jr.	Stephen Anthony Onorofskie
Richard Jeffrey Fox	Dale Allan Pierce
Philip Randolph Hammond, Jr.	John Kenneth Robson
Robert E. Killillay	Mark Gordon Sanders
	Henry Joseph Schmidt

### METALLURGICAL ENGINEER - PROFESSIONAL DEGREE

David Gardner Bellamy	Steven Andrew McGhee
Richard Julian Carlson	Thomas Leonard Rising
James Speed Herb	Loren Gilbert Thompsen
Carter Welling Kaanta	Allan F. Tittes

### GEOLOGICAL ENGINEER - PROFESSIONAL DEGREE

Cordell C. Chapman	Steven Edwin Plant
Gary Dean Miller	Andrew Charles Weinzapfel
Lee Moore, Jr.	Paul Moyer Westbrook
Howard Wayne Musgrove	C. Patrick Costin

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PETROLEUM ENGINEER - PROFESSIONAL DEGREE

Marshall Barber Belden	Jack A. Krug
Larry James Compton	Terrence Earl McKown
Jon Nelson Dull	Charles Edward Schwab
Barry Alan Henderson	Herschel Frank Vaughn
Roger Eric Knight	

PETROLEUM REFINING ENGINEER - PROFESSIONAL DEGREE

John Chester Glenn  
Matthew J. Kapushion  
Gary Richard Snowbarger

GEOPHYSICAL ENGINEER - PROFESSIONAL DEGREE

Michael Richard Barr	Melvyn Ray Millett
Charles Robert Griff	James Russell Oltmans, II

MINERAL ENGINEER - CHEMISTRY - PROFESSIONAL DEGREE

Jim F. Lemons

MINERAL ENGINEER - MATHEMATICS - PROFESSIONAL DEGREE

Robert Gail Burley	Fred F. Ciochetto, Jr.
Thomas Joe Christians	Charles Allen Milligan

MINERAL ENGINEER - PHYSICS - PROFESSIONAL DEGREE

Richard John Gardner  
James Michael Love

MASTER OF SCIENCE (Mining Engineering)

Kenneth Ray Pohle

MASTER OF ENGINEERING (Engineer of Mines)

Celio Augusto Bandeira

MASTER OF SCIENCE (Metallurgy)

Paul J. Marcantonio

MASTER OF SCIENCE (Metallurgical Engineering)

Brent J. Beer	Dennis R. Floyd
Charles Edgar Brooks, III	Kjell Lovold
Italo J. Caparachin	Adrian A. Vasquez G.

MASTER OF SCIENCE (Geology)

James M. Cronoble  
Charles Bruce Snow

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MASTER OF SCIENCE (Geological Engineering)

Louis R. Reimer

MASTER OF ENGINEERING (Chemical and Petroleum-Refining Engineering)

Robert John Gosik

MASTER OF SCIENCE (Chemical and Petroleum-Refining Engineering)

Thomas Anthony Sladek  
Yavuz Yorulmaz

DOCTOR OF PHILOSOPHY (Metallurgical Engineering)

Robert Bruce Hill  
John Harry Jones  
Jozef Rene Roos

DOCTOR OF SCIENCE (Geological Engineering)

Lynn A. Brown

DOCTOR OF SCIENCE (Chemical and Petroleum-Refining Engineering)

Fred Toshio Okimoto

DOCTOR OF PHILOSOPHY (Geophysics)

Tsu Ko Chao

DOCTOR OF SCIENCE (Geophysical Engineering)

John B. Thuren

Medalists. Mr. Stockmar appointed a committee of three Board members to screen nominees for recommendation to the full Board for voting. Mr. Volk was appointed chairman; Mr. Eisenach and Mr. Bradley were appointed members of the committee. Mr. Stockmar asked the committee to have recommendations ready for the February meeting.

Honorary Degree. President Childs reported to the Board that Dr. William J. Pecora had accepted the invitation to be the Commencement speaker on May 29, 1970.

Upon motion made, seconded, and unanimously passed, the Board voted to offer Dr. Pecora an honorary degree of Doctor of Engineering.

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Monthly Reports. Mr. Steinhauer reviewed the monthly reports as follows: Balance Sheet, Education and General Fund, as of December 31, 1969; Self-Maintaining Properties, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of December 31, 1969; Self-Maintaining Properties, Balance Sheet, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of December 31, 1969; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of December 31, 1969; Self-Maintaining Properties, Balance Sheet, Properties Pledged to Secure CSM 1955 MPA Bond Issue, as of December 31, 1969; Self-Maintaining Properties, Balance Sheet, CSM Houses #2, as of December 31, 1969; Auxiliary Enterprises, Balance Sheet, as of December 31, 1969; Source of Funds, Restricted for Scholarships and Grants, December 31, 1969; Agency Fund, Source of Funds, December 31, 1969; Summary of Budget Appropriations and Disbursements, as of December 31, 1969; Budget Summary for Open End 1962 Bond Issue, December 31, 1969; Budget Summary for 1966 Bond Issue, December 31, 1969; Budget Summary for Mines Park Addition and CSM Houses No. 1, December 31, 1969; Budget Summary for State Rental Properties, December 31, 1969; Budget Summary for CSM Athletic Association, December 31, 1969; Budget Summary of Health and Accident, December 31, 1969; Budget Summary, Associated Students of the Colorado School of Mines, December 31, 1969; Budget Summary for Office of Research Services, December 31, 1969; and the Budget Summary for Sponsored Research, December 31, 1969.

CSM Research Institute. Mr. Stockmar stated that it has been some time since relationships with the School and the CSM Research Institute have been reviewed. It has been a long-standing arrangement that the CSM Research Institute pay rent to the School in the form of leasehold improvements. Thus the buildings which belong to the School have appreciated considerably in value. Nevertheless, it was considered timely to review the situation in the light of fair market value. ✓

Mr. Stockmar asked that this be placed on the agenda for the February meeting.

Auditors' Recommendations on Self-Maintaining Properties. Mr. Steinhauer had received copies of the audit made by the firm of Arthur Andersen & Company on the self-maintaining properties. Along with the audit had been several specific recommendations for the improvement of accounting procedures. Mr. Steinhauer had prepared a memorandum with comments on the recommendations. Copies of all these documents were distributed to the members of the Board ✓

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The recommendations made by the auditors were discussed in detail with the intention of benefiting where possible from the auditors' report. It was recognized that the criticism which the auditors had made with regard to the investment of funds from these projects should be studied further.

It was requested that this be placed on the agenda for the February meeting.

Plans for Addition to Library. President Childs distributed copies of a preliminary study of space utilization for an addition to the library. This study, made by the firm of Fuller & Fuller, architects, was the first step in the procedure necessary to obtain funds for capital construction. Acceptance of the plans by the Board will be needed before transmitting to the Colorado Commission on Higher Education. ✓

James Lawsuit. Mr. Steinhauer reported that the Attorney General's office was not ready to make a recommendation on the position to be taken by the School in this case.

Wild Horse Park. Mr. Steinhauer reported on the status of negotiations with the federal government over the 7,600 acres which were taken from Wild Horse Park for the purpose of expanding Fort Carson. Mr. Holloway of the Attorney General's staff but now assigned full-time to C.U., is representing us in the negotiations and has expressed the opinion that the federal government will negotiate directly with the School on the final settlement. ✓

Survey Field. President Childs expressed the hope that the School could obtain the area south of Mines Park which is owned by the State and leased by the School for a survey field. The Board suggested that jurisdiction of this State-owned land be determined and investigation made into the possible transfer of title. ✓

The meeting adjourned at twelve noon and the members of the Board went to the college union to be joined at lunch by the staff members of the Geophysics, Mining, and Metallurgy Departments.

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The Board of Trustees met in executive session at 9:00 a.m., February 13, 1970, preceeding the regular meeting of the Board.

Distinguished Achievement Medalists. It was moved, seconded, and unanimously passed, that the following alumni be awarded Distinguished Achievement Medals at Commencement on May 29, 1970:

Aziz A. Alwattari, P.R.E., 1952  
Claude L. Barker, E.M., 1931  
William S. Cole, Jr., E.M., 1935  
Frank R. Fisher, P.E., 1940  
Hubert E. Risser, E.M., 1937  
J. Harlan Johnson, M.Sc., 1923

Committee for Distinguished Achievement Medal Nominations. The Board instructed President Childs to appoint the following committee to screen and bring to the Board possible candidates for the Distinguished Achievement Medal:

Professor John R. Hayes  
Professor John C. Hollister  
Mr. Pi Warren  
Colonel Wendell W. Fertig  
Mr. Edwin H. Crabtree

Disability of Professor Winton Laubach. President Childs reviewed for the Board the circumstances surrounding the possible disability retirement of Professor Laubach. Professor Laubach has for some time had difficulty with his vision and there has been some discussion with Professor Laubach over a period of several years about his retirement on physical disability. A year ago the administration wrote Professor Laubach telling him that his contract for the 1969-70 school year would be his final contract and suggested he apply for total disability retirement under PERA (Public Employees Retirement Association) for which it seemed he should be eligible. Professor Laubach is resisting retirement, saying he is not sufficiently incapacitated to warrant it.

It was the consensus of the Board that in fairness to the students and Professor Laubach, the matter should be approached with sound medical objectivity. After medical facts are available, then the matter must be brought to a conclusion in the best interests of all concerned.

House Bill 1010. This bill which would strengthen the Colorado Commission on Higher Education has passed the House with several amendments added. The amendments modify the impact of the original bill, and there is hope that the bill will not be enacted this session.

Survey Field. President Childs reported that as instructed by the Board at the last meeting, inquiry had been made as to possible acquisition of title to the land now under lease and used by the School as a survey field.

Investigation revealed that in 1969 the General Assembly had authorized, through Senate Bill 264, the Department of Institutions to sell several parcels of land belonging to the State, one of which is the land which we have been using to teach surveying. President Childs contacted Judge Hilbert Schauer, Director of Institutions, to see about the possibility of our acquiring the land. It was agreed that a determination should be made of the amount of investment the School has in the property and the value of the use made of the property by the School. If facts show that our investment is substantial and the use made of the land valuable to the State as a training area, we shall attempt to obtain a new long-term lease or introduce legislation to permit us to acquire the property.

School Calendar Proposals. President Childs reported that a petition signed by 900 students had been received in which it had been asked that the fall semester end before Christmas vacation. The members of the faculty had voted in favor of this change also.

There was considerable discussion about the effects of changing the school calendar. The discussion centered around the advantages of allowing the students to complete the semester work without the interruption of the Christmas vacation versus the disadvantages the change would work on the football training sessions and summer employment. There also entered into the discussion the advantages of the quarter system which is being considered. Whether or not a change should be made now or whether the change should be postponed until a decision is reached about the quarter system was not agreed upon and the matter was tabled until the next meeting.

In the meantime, the Board asked that the faculty, through its established committees, pursue the study of the quarter system with the hope that the calendar could be resolved in only one change.

Continuing Education Courses. President Childs distributed for the Board's later review a memorandum describing guidelines for conducting courses and seminars held on campus. On a short-term basis, these activities make up the "continuing education" program of CSM involving members of the School faculty and School property.

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President Childs stated he would have the matter on the agenda for the March meeting.  
The executive session adjourned and the Board members were joined by members of the Geology Department for lunch at the college union.

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Golden, Colorado  
February 13, 1970

The Board of Trustees met in regular session on February 13, 1970, at 1:30 p.m., in the President's Office of the Colorado School of Mines.

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

Absent: Mr. Alexander.

President Childs attended the meeting.

Mr. Stockmar, President of the Board, presided.

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

Previous Minutes. The minutes of the meeting held on January 9, 1970 were approved.

ROTC. President Childs said that although the report of the ad hoc committee appointed to study the report had been received, and a copy mailed to each member of the Board, the recommendation from the Curriculum Committee had not been received. He said he would prefer to wait for this report before making a recommendation to the Board for action. ✓

The matter was tabled until the March meeting.

"A Report on the Current Standards and Codes of Student Conduct." This report, prepared by Michael Daly, Student Body Vice President, was presented to the Board of Trustees under date of "January, 1970" as a rebuttal to the Standards and Codes of Conduct approved by the Board, the faculty, and the student council in the spring of 1969 and published in the Student Handbook, 1969-70.

The report contained a copy of a letter addressed to the Board of Trustees from Mr. Melvin Belli, attorney, San Francisco. No date was shown on the copy of the letter. This letter had never been received by the Board of Trustees or President Childs.

The report prepared by Mr. Daly took exception to the fact that detailed provision was not made for due process. Mr. Stockmar stated that it was a false premise to assume

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that because the procedures for due process were not articulated and formalized in the statement, due process is not implied when and to the extent it is appropriate; the fact that we have not found any need to detail due process in print does not mean there is any question about its being afforded. President Childs has been charged by the Board with assuring due process in student disciplinary matters.

President Childs reported on a letter dated January 29, 1970 from Michael Daly in which Mr. Daly said the "Model Code for Student Rights, Responsibilities, & Conduct" prepared by a committee of the American Bar Association might, in his opinion, be a "more appropriate" code. The "Model Code ..." referred to by Mr. Daly has been published by the Law Student Division of the ABA and has not been accorded approval by the ABA.

Organizational Change. After some discussion on organizational structure, it was moved, seconded, and unanimously passed that the position of Vice President for Development be enlarged to include the responsibilities for student affairs. Thus the new title of the position will be "Vice President for Development and Student Affairs."

Naming of College Union. President Childs reported that the College Union Advisory Board passed a motion recommending to the Board that consideration be given to naming the college union the "Ben H. Parker Student Center." The student council also recommended that the building be so named.

The Board lauded the appropriateness of the recommendation and on motion made, seconded, and unanimously passed, the college union was formally named "The Ben H. Parker Student Center."

The Board asked that a formal dedication be arranged at some suitable time.

Mr. Steinhauer entered the meeting at this time.

SUA Contract. President Childs reported that the contract which had been entered into in January, 1968, for a master plan of the campus had been terminated by mutual agreement.

Library Addition. President Childs asked for Board approval of the planning program for the library in order that the proposal could be submitted to the Colorado Commission on Higher Education and the Department of Public Works.

Upon motion made, seconded, and unanimously passed, the Board approved the program planning as submitted by Fuller Fuller & Associates, dated December, 1969.

James Lawsuit. Mr. Steinhauer reported that the attorneys for both sides were still working on a possible settlement of this case.

CSM Research Institute, Inc. President Childs distributed copies of a memorandum prepared by Mr. Steinhauer in which Mr. Steinhauer had itemized estimated value figures on space occupied by the Research Institute and estimated value of leasehold improvements. Mr. Steinhauer had then computed what he considered fair rent, deducting the total value of the leasehold improvements and adding an estimated value of the land. He had arrived at a monthly rental of \$2,138.83.

The Board asked that the matter be discussed with Mr. Crabtree.

Investment of Funds - Self-Maintaining Projects. Mr. Steinhauer reported that as instructed at the last Board meeting, he had made inquiry into a more profitable method of investing funds from the self-maintaining projects. He recommended that we invest \$180,000 in a twelve-month Certificate of Deposit at 7 1/2 percent interest with the Colorado National Bank.

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

Statement on "Student Publications". The Board reviewed the statement appearing in the Student Handbook, 1969-70 with regard to the "Student Publications" section. After careful consideration of the duties and responsibilities of the Board as the policy-making body of the School, it was moved, seconded, and unanimously passed that the statement on "Student Publications" as appearing in the handbook be amended in its entirety to read as follows:

Freedom of speech and freedom of the press are two of the most cherished liberties of the American people. Student publications are necessary in establishing and maintaining an atmosphere of free and responsible discussion and of intellectual exploration on the campus. With this thought in mind, the Colorado School of Mines, through the Associated Students of the Colorado School of Mines and in accordance with its charter, rests responsibility for student publications, the weekly newspaper, THE OREDIGGER, and the yearbook, the PROSPECTOR, as official publications of the School, in the hands of student editors, writers, and photographers.

However, freedom of press and speech on any college campus does not mean that any person can say or print anything he wishes at any time. The editors of THE OREDIGGER, and the PROSPECTOR, and members of their staffs must be responsible for what goes in their publications. The editors are held accountable for abiding by the Standards and Code of Conduct, the canons of responsible journalism, avoidance of libel, indecency, undocumented allegations, attacks on personal integrity, and the techniques of harrassment and innuendo. Standards and penalties that prevail in society in general are not necessarily applicable to the Colorado School of Mines community. The foregoing precludes publication of items which are in bad taste or are offensive to any groups to whom the School has a responsibility.

The Student Board of Publications is advisory to the Student Council which is the policy-making group for the two student publications. It is composed of eight members -- four students appointed by the Student Council, two faculty members appointed by the President, the Publications Editor, and the Coordinator of Public Information. Key men on both publications are paid from funds of the Associated Students.

All Miners interested in writing or photography are urged to seek positions on the student newspaper or yearbook, since from a list of regular workers the Student Board of Publications recommends to the Student Council personnel to head publications the following year.

Monthly Statements. Mr. Steinhauer distributed the monthly statements as follows: Education and General Fund, Balance Sheet, as of January 31, 1970; Self-Maintaining Properties, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of January 31, 1970; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of January 31, 1970; Self-Maintaining Properties, Balance Sheet, Properties Pledged to Secure CSM MPA Bond Issue, as of January 31, 1970; Self-Maintaining Properties, Balance Sheet, Colorado School of Mines, Houses #2, as of January 31, 1970; Auxiliary Enterprises, Balance Sheet, as of January 31, 1970; Auxiliary Enterprises, Balance Sheet, as of January 31, 1970; Source of Funds, Restricted for Scholarships and Grants, January 31, 1970; Agency Fund, Source of Funds, January 31, 1970; Summary of Budget Appropriation & Disbursements, as of January 31, 1970; Budget Summary for Open End 1962 Bond Issue, January 31, 1970; Budget Summary for 1966 Bond Issue, January 31, 1970;

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Budget Summary for Mines Park Addition and CSM Houses #1, as of January 31, 1970; Budget Summary for State Rental Properties, January 31, 1970; Budget Summary for CSM Athletic Association, January 31, 1970; Budget Summary of Health and Accident, January 30, 1970; Budget Summary - Associated Students of the Colorado School of Mines, January 31, 1970; Budget Summary for Office of Research Services, January 31, 1970; and the Budget Summary for Sponsored Research, January 31, 1970.

The meeting adjourned at 2:30 p.m.

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## RECORD OF PROCEEDINGS

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The Board of Trustees met in executive session at 10:00 a.m. on March 13, 1970.

ROTC. The Board members reviewed and compared their thinking on the ROTC program based on reports and information made available to them. The program as it now exists was reviewed and each member of the Board expressed his opinion of what would be best for the students, the School, and the national situation. There was a final agreement on a motion which would be made at the open meeting to be held later.

Professor Winton Laubach. The physician who has been attending Professor Laubach had reported to Dr. Schlechten on Professor Laubach's acuity of vision. The doctor, while detailing the difficulties and stating that the patient would be considered legally blind, did say that there had not been any change in the last thirteen months.

The members of the Board had in the meantime received a number of letters from students giving evidence of Professor Laubach's professional competence.

Reluctant to act where a doubt may exist as to the equity of the situation, the Board asked that for the time being some provision be made to lend assistance to Professor Laubach in the way of graduate student aid and mechanical devices in an effort to comply with his request to continue his teaching duties.

Distinguished Achievement Medals. The Board agreed that the Medals should be awarded to those alumni voted to receive them at the February meeting, even though it may not be possible for all to attend the Commencement exercises. The selection would be recorded in the minutes of the open meeting.

The executive session adjourned at 11:00 a.m.

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Golden, Colorado  
March 13, 1970

The Board of Trustees met in regular session at 11:00 a.m., on March 13, 1970, in the President's Office, at the Colorado School of Mines.

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

President Childs and Mr. Steinhauer attended the meeting.

Mr. Stockmar, President of the Board, presided.

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

Previous Minutes. The minutes of the meeting held on February 13, 1970 were approved.

Survey Field. Mr. Steinhauer reported that the Department of Institutions had agreed not to take any action with regard to the disposal of the property at this time. Further discussions will be held.

Continuing Education Courses. President Childs asked for action with regard to the memorandum from Dr. Schlechten, copies of which had been distributed at the February 13, 1970 meeting. The memorandum read as follows:

"This memorandum concerns Continuing Education courses which we define as courses not for credit, usually for individuals in industry and normally for periods of one- or two-week duration. The financial arrangements for most of such courses in the past have been through Colonel Leckie's office and any earnings have been held in the CSM Foundation. We have a rough pattern for handling such courses, but not a set policy that we can refer to in case of dispute or indecision.

"I recommend to you that we adopt and publicize to the faculty the following general rules which have been derived from an original proposal by Professors Bull and Copeland after two meetings with departmental representatives, most of whom have had experience with Continuing Education courses.

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"The following proposed rules are not too different from our actual practice in the past. The chief difference would be in the concept that the faculty member, the teacher, would be rewarded for a more-than-average successful course. We think that this would be an incentive to encourage the organization and presentation of more Continuing Education Courses.

"We propose the following guidelines:

"1. (a) The faculty member will submit an outline of the proposed school six months before the date on which it will be held. The decision to proceed with the first stage will come from the head of the department concerned and the Director of Continuing Education.

(b) The faculty member will make up a preliminary expense sheet, estimating the expenses in the following major areas: advertising, printing of lecture notes, faculty salary (for a time twice the length of the school itself), tutorial assistance salaries, equipment, general operating expenses and any other foreseeable special items, such as payment for handling regular classes if needed.

"2. If the decision is made to go ahead, the faculty member is allowed an agreed sum of money to be spent on advertising and other preliminary expenses.

"3. This budget will be considered and approved by the department head, Colonel Leckie, and the Vice President for Academic Affairs, and the total will be considered the minimum return from registration fees to allow the school to be actually held, unless there are overriding considerations.

"4. As soon as the receipts from registrants reach this figure, the CSM is obliged to hold the school and the faculty member is guaranteed the salary mentioned in 1(b) above.

"5. If this figure is not reached one month before the proposed date of the school, the school is cancelled according to the rights reserved in the advertising.

"6. The receipts from registrations will be distributed as follows: (a) reimbursement to Continuing Education Office for advertising,

printing, faculty salary in 1(b), tutorial assistance salary, equipment, general running expenses, etc.; (b) to Continuing Education Office-- 10 percent of the sum agreed in 6(a); (c) of the remainder:

- 20 percent to the Office of Continuing Education
- 30 percent to the department
- 50.40 percent to the faculty member(s)

*see original of memo*

"7. At the completion of a fiscal year, the net profit of the Office of Continuing Education will be determined and an appropriate amount will be transferred to the General Fund of CSM in payment for the use of physical facilities."

Upon motion made, seconded, and unanimously passed, the guidelines as outlined were approved. ✓

Computing Center. President Childs reviewed the progress of the computing center which has been initiated in large part by the donations made by Dr. George R. Brown. President Childs asked that the Board consider naming the center "The George R. Brown Computing Center." ✓

Upon motion made, seconded, and unanimously passed, the Board approved the recommendation of President Childs, namely that the computing center in the new graduate and professional center be named "The George R. Brown Computing Center."

School Calendar. President Childs recounted the events which led him, with the permission of several Board members, to make the decision to open the 1970-71 school year at the September date which would preclude the ending of the first semester prior to Christmas. There are several building projects scheduled for this summer, most important of which is the remodeling of Guggenheim Hall. Also, time must be allowed for operating both computers this summer. These circumstances would interfere with an early start of the school year. ✓

President Childs stated that a committee has been appointed to study the feasibility of the quarter system and this committee will report next school year.

Distinguished Achievement Medals. The Board reaffirmed its selection made at the February meeting of recipients for the Distinguished Achievement Medals to be given at Commencement, either in person or in absentia.

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Medals will be awarded to the following:

Abdul Aziz Abdullatif Al-Wattari, P.R.E., 1952  
Claude L. Barker, E.M., 1931  
William S. Cole, Jr., E.M., 1935  
Frank R. Fisher, P.E., 1940  
J. Harlan Johnson, M.Sc., 1923  
Hubert E. Risser, E.M., 1937

ROTC. In the discussion with regard to ROTC, the Board expressed its wish to go on record that (1) it values the program and believes the maintenance of the program a proper and useful function of the School; (2) it considers the contribution to the Corps of Engineers of officers trained in mineral engineering a proper function of the School and a valuable contribution to the nation; (3) it is pleased with the upgrading and restructuring of the first two years of the ROTC curriculum which have taken place recently; and (4) it wishes to have a successful ROTC program continue at the Colorado School of Mines but has concern that a voluntary program will not result in a satisfactory program.

Upon motion made, seconded, and unanimously passed, the following policy was approved by the Board: ✓

The ROTC program as restructured shall be continued as a required course for the first year student beginning September, 1970. The "first year" student would normally mean an entering freshman, but it also would include any transfer student who does not have at least one year of ROTC credit when he enters the freshman or sophomore class. The requirement will extend also to the women students, but the women students will be excused from drill. Undergraduate foreign student participation is required unless objections arise from the respective government.

For the second year student, ROTC will be voluntary for the school year, 1970-71, and thereafter, provided and only for so long as there is a sufficient voluntary enrollment and completion of the sophomore year of ROTC students to fill a good and viable third and fourth year program. The Board has determined at this time that this will require at least 150 members of the sophomore class to complete the second year voluntary program and that girls and foreign students who have attended classes will not be counted. Should this condition not be met in any year, automatically and without further action by the Board, the second year will be required on the same basis as the first year. It is intended by the Board that there will be enough men necessary to yield a strong corps of engineers to the advanced program.

March 13, 1970

Students who have had military service, or are classed as conscientious objectors by the Selective Service system, or who as transfer students are classified as juniors or seniors may be excused from ROTC requirements.

The Board expressed appreciation to all those who have focused attention on the ROTC program and believes that this attention has resulted in a much stronger and more useful program.

Agreement with Highway Department. Mr. Steinhauer reported on an agreement with the Colorado Highway Department covering the drainage problem which affects the west campus. The agreement is between the City of Golden, the School, and the Highway Department. The agreement obligates the School for an amount not to exceed \$25,000 as its part in the correction of the drainage problem. This amount was appropriated by the legislature. ✓

Upon motion made, seconded, and unanimously passed, President Childs was authorized to sign the agreement on behalf of the Colorado School of Mines.

Dormitory Fees. Mr. Steinhauer reviewed for the information of the Board the increase in costs as they affect the dormitory fees. Mr. Steinhauer recommended that the board portion be increased from \$500 to \$525 per school year, and the room portion be increased from \$300 to \$325, making a total for the school year of \$850, with proportional increases for summer occupancy, these increases to be effective with the beginning of the 1970-71 school year. ✓

Upon motion made, seconded, and unanimously passed, the dormitory fees were approved as set forth in the above paragraph.

Access to Financial Records. Mr. Stockmar read to the Board a letter dated March 13, 1970 from Mr. Jack Yench, Editor-Publisher of the Technocrat newspaper, requesting access to "all financial records of the Colorado School of Mines available through Chapter 66, Article 2, 1968 Session Laws of Colorado."

The Board, of course, agreed there must be full compliance with the law as written in Chapter 66, 1968 Session Laws of Colorado, 46th General Assembly. It was pointed out that Section 4 of the Chapter 66 lists many exceptions and limitations on what should be available for public inspection and these limitations and exceptions are part of the law with which there must be full compliance. ✓

## RECORD OF PROCEEDINGS

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The Board authorized Mr. Steinhauer to make available to interested parties the records of the School within the limitations as set forth by law. It was stipulated that such requests for information and inspection must be "at reasonable times" as stated in Section 1 of the Act, and further that such requests must not disrupt the routine and duties of the offices concerned.

Presidents Association. President Childs reported that the presidents of the state colleges and universities had been meeting regularly to discuss mutual problems. He stated they would like to involve the governing boards and tentatively were scheduling a meeting for the weekend of April 17.

Rental - CSM Research Institute, Inc. Mr. Steinhauer reported that as instructed at the February meeting, he had discussed the proposed rent of \$2,238 per month with Mr. Crabtree.

Upon motion made, seconded, and unanimously passed, the monthly rental paid to the School by the CSM Research Institute will be \$2,238, effective April 1, 1970, to be paid on the same basis as in the past, deductible from the accrued leasehold improvements which have been made.

Monthly Reports. Mr. Steinhauer distributed the monthly reports as follows: Education and General Fund, Balance Sheet, as of February 28, 1970; Self-Maintaining Properties, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of February 28, 1970; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of February 28, 1970; Self-Maintaining Properties, Balance Sheet, Properties Pledged to Secure CSM 1955 MPA Bond Issue, as of February 28, 1970; Self-Maintaining Properties, Balance Sheet, Colorado School of Mines Houses #2, as of February 28, 1970; Auxiliary Enterprises, Balance Sheet, as of February 28, 1970; Source of Funds, Restricted for Scholarships and Grants, February 28, 1970; Agency Fund, Source of Funds, February 28, 1970; Summary for Budget Appropriations and Disbursements, as of February 28, 1970; Budget Summary for Open End 1962 Bond Issue, February 28, 1970; Budget Summary for 1966 Bond Issue, February 28, 1970; Budget Summary for Mines Park Addition and CSM Houses No. 1, February 28, 1970; Budget Summary for State Rental Properties, February 28, 1970; Budget Summary for CSM Athletic Association, February 28, 1970; Budget Summary for Health and Accident Program, February 28, 1970; Budget Summary, Associated Students of the Colorado School of Mines, February 28, 1970; Budget Summary for Office of Research Services, February 28, 1970; and the Budget Summary for Sponsored Research, February 28, 1970.

The meeting adjourned at 12:15 p.m.

Secretary

March 13, 1970

## RECORD OF PROCEEDINGS

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The Board of Trustees met in executive session at 9:00 a.m. on April 10, 1970.

President Childs reviewed a few changes which had been made on the salary schedules since the informal meeting on March 26 at which time all salaries had been reviewed. The Board noted these changes and deferred the formal approval of the entire salary schedule until the open meeting.

President Childs asked for comments on the "Code of Ethics" for student publication editors which had been adopted by our Student Council and copies of which had been mailed to the members of the Board.

The Board saw no reason to consider the matter in view of the fact that the School has already adopted a code of ethics and the code has been made public.

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Secretary

April 10, 1970

## RECORD OF PROCEEDINGS

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Golden, Colorado  
April 10, 1970

The Board of Trustees met in regular session at 10:00 a.m. in the President's Office of the Colorado School of Mines.

Present: Messrs. Bradley, Eisenach, and Volk.

Absent: Messrs. Alexander and Stockmar.

Mr. Volk, Vice President of the Board, presided.

President Childs, Dr. Schlechten, and Mr. Steinhauer attended the meeting.

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

Previous minutes. The minutes of the March meeting were not available for consideration.

The Ben H. Parker Student Center. President Childs distributed copies of the suggested wording for the bronze plaque to be placed inside the Student Center.

Upon motion made, seconded, and unanimously passed, the Board approved the proposed plaque. ✓

President Childs said the time for the dedication had been set for 3:00 on the afternoon before Commencement, Thursday, May 28.

Certificates of Appreciation. President Childs presented a recommendation from Dr. Schlechten that a certificate of appreciation be presented to Professor Robert B. Osborn at Commencement on May 29. Professor Osborn will be retiring at the end of this school year.

Upon motion made, seconded, and unanimously passed, it was agreed that Professor Osborn be presented a silver certificate of appreciation.

President Childs next presented a recommendation from Dr. Schlechten that a certificate of appreciation be presented to Mr. Edwin H. Crabtree who will be retiring in the near future.

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

## RECORD OF PROCEEDINGS

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ROTC. There was a brief discussion of the letter from the Student Body President, Mr. Steve Pavel, in which Mr. Pavel asked for the reasons leading to the decisions made by the Board with regard to ROTC. The Board members agreed that the issue was covered in the minutes of the March meeting where the policy was set forth. The Board agreed that an excerpt from the March minutes should be made available to the reporter from the Oredigger who was covering the meeting; and President Childs said he would transmit a copy of the excerpt to Mr. Pavel.

Budget Formula. President Childs and Dr. Schlechten discussed the formula approach used by the Colorado Commission on Higher Education for the Commission's recommendations regarding the Mines budget for the 1970-71 fiscal year, with examples to illustrate the mechanics of the formula. The difficulty of definitions of basic assumptions was pointed out. The Technical Committee of the Presidents Association made up of representatives from each college and university is now working on a proposal for a different type of formula budgeting which takes into consideration more of the practical academic definitions than used in the Commission's formula. Progress on formulating this approach for the 1971-72 budget requests will be reported at future meetings and members of the Commission's staff, the Joint Budget Committee, and the Governor's budget group will be brought into subsequent meetings with the Technical Committee with the hope this will lead to better understanding on the approach to formula budgeting.

Salary Schedules. Upon motion made, seconded, and unanimously passed, the Board approved the salary schedule as follows:

Jose F. T. Agapito Instructor in Mining Engineering	\$ 8,500
William R. Astle Assistant Professor of Mathematics and Coordinator of Continuing Education Courses	12,500
Henry A. Babcock Professor of Basic Engineering and Acting Head of Department	16,000
Charles Baer Instructor in Mathematics	10,000
Theodore Balberyszski Instructor in Metallurgical Engineering	9,500

## RECORD OF PROCEEDINGS

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William Rex Bull Associate Professor of Metallurgical Engineering	\$15,300
H. Dean Burdick Director of Admissions	15,200
Jerrold J. Burnett Associate Professor of Physics	14,000
Robert H. Carpenter Professor of Geology	15,500
William J. Chapitis Assistant Professor of English and Modern Foreign Languages	12,000
Louis Gerard Chombart Adjunct Professor of Petroleum Engineering	5,000
W. John Cieslewicz Assistant Professor of Russian and German	10,200
Bernetta Conrey Departmental Assistant	8,700
W. D. Copeland Associate Professor of Metallurgical Engineering	15,300
Catharine S. Cross Librarian	9,200
Lloyd Cubbison Publications Editor	10,000
Stephen Ray Daniel Assistant Professor of Chemistry	9,600
James Darden Associate Professor of Physical Education and Athletics	14,000
Byron N. Darnell Adjunct Instructor as Conductor of the Band and Glee Club	4,200
Joseph E. Davies Associate Professor of Physical Education and Athletics	14,000
T. R. A. Davey Professor of Metallurgical Engineering	16,000

April 10, 1970

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**RECORD OF PROCEEDINGS**

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Richard H. DeVoto Assistant Professor of Geology	\$12,500
Dean W. Dickerhoof Associate Professor of Chemistry	13,600
Donald I. Dickinson Associate Professor of English	12,500
Philip F. Dickson Professor of Chemical and Petroleum- Refining Engineering	16,000
James Dover Assistant Professor of Geology	11,400
Wilbur I. Duvall Adjunct Professor of Mining Engineering	3,000
Kenneth W. Edwards Assistant Professor of Chemistry	11,900
Rudy C. Epis Professor of Geology	16,000
Elsie Christine Ericson Librarian	9,000
Robert R. Faddick Assistant Professor of Basic Engineering	13,000
L. David Femmer Budget Officer and Personnel Officer	15,000
Joseph J. Finney Associate Professor of Geology	14,500
Edward G. Fisher Professor of English and Head of Department	17,000
Barbara J. Horn Fisk Assistant Professor of Humanities	10,000
S. Dale Foreman Associate Professor of Basic Engineering	13,000
Charles O. Frush Associate Professor of Mining Engineering	13,000
James H. Gary Professor of Chemical and Petroleum- Refining Engineering and Head of Department	20,500

April 10, 1970

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**RECORD OF PROCEEDINGS**

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John M. George Assistant Professor of English	\$10,000
John O. Golden Associate Professor of Chemical and Petroleum-Refining Engineering	14,000
L. Trowbridge Grose Professor of Geology	16,200
Niles E. Grosvenor Associate Professor of Mining Engineering	13,000
Raymond R. Gutzman Associate Professor of Mathematics	12,800
Frank A. Hadsell Professor of Geophysics	16,200
John P. Hager Associate Professor of Metallurgical Engineering	14,700
David Warren Hall Associate Professor of Chemistry	13,200
John W. Hancock Associate Professor of Physical Education and Athletics	12,500
Jens Viggo Hansen Assistant Professor of English	10,500
Jimmy D. Hatley Assistant Professor of Basic Engineering	12,300
John D. Haun Professor of Geology	17,000
John R. Hayes Professor of Geology	16,000
Paul G. Herold Professor of Metallurgical Engineering and Head of Department	19,500
Kent T. Higgins Coordinator for Public Information	9,000
Carl L. Hiltrop Associate Professor of Chemistry	12,500
John A. Hogan Assistant Professor of English	10,200

April 10, 1970

## RECORD OF PROCEEDINGS

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Lawrence R. Holland Associate Professor of Basic Engineering	\$13,500
John C. Hollister Professor of Geophysics and Head of Department	21,000
William Hustrulid Assistant Professor of Mining Engineering	13,500
Robert M. Hutchinson Associate Professor of Geology	14,500
George W. Johnson Associate Professor of English	14,000
Leonard L. Johnson Assistant Finance Officer	10,300
Thys B. Johnson Adjunct Assistant Professor of Mathematics	4,000
James G. Johnstone Associate Professor of Basic Engineering	15,500
A. Raymond Jordan Dean of the Graduate School and Professor of Physics	20,600
Leonard Kalal Assistant Professor of Philosophy	11,500
Marvin L. Kay Assistant Professor of Physical Education and Athletics and Head Football Coach	11,500
Albert M. Keenan Professor of Mining Engineering and Head of Department	16,700
George V. Keller Professor of Geophysics	17,500
George H. Kennedy Assistant Professor of Chemistry	12,200
Harry C. Kent Professor of Geology and Head of Department	17,500
Dragoljub M. Kesic Assistant Professor of Basic Engineering	13,000
Arthur J. Kidnay Assistant Professor of Chemical and Petroleum-Refining Engineering	13,500

April 10, 1970

## RECORD OF PROCEEDINGS

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John V. Kline Professor of Physics	15,500
Donald T. Klodt Research Coordinator and Associate Professor of Metallurgical Engineering	17,700
Nancy J. Knepper Museum Curator	7,700
John O. Kork Assistant Professor of Mathematics	11,800
Truman H. Kuhn Vice President for Administrative Affairs and Professor of Geology	22,000
Thomas R. LaFehr Associate Professor of Geophysics	16,000
Winton Laubach Assistant Professor of Mathematics	9,000
William B. Law Associate Professor of Physics	13,000
William E. Leckie Assistant to the Vice President for Administrative Affairs	12,600
Joseph R. Lee Professor of Mathematics and Head of Department	18,500
Keenan Lee Assistant Professor of Geology	11,800
Paul H. LeFevre Assistant Professor of Chemistry	10,400
Merrill M. Lemke Director of Plant Facilities	15,000
L. W. LeRoy Professor of Geology	16,400
James E. Lindsay, Jr. Associate Professor of Basic Engineering	15,300
J. D. Lubahn Professor of Metallurgical Engineering and Director of Materials Research Laboratory	17,500

April 10, 1970

## RECORD OF PROCEEDINGS

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George B. Lucas Professor of Chemistry	\$16,200
Earl K. Madsen Adjunct Assistant Professor of Mineral Economics	2,000
Maurice Major Professor of Geophysics	16,500
Donald C. B. Marsh Professor of Mathematics	14,000
Scott J. Marshall Assistant Professor of Basic Engineering	12,500
Gerard P. Martins Assistant Professor of Metallurgical Engineering	11,500
Warren J. Mason Registrar	12,000
J. P. Mather Professor of Mineral Economics and Head of Department	18,000
Frank S. Mathews Professor of physics	15,500
William A. Mattingly Instructor in English	8,100
Robert W. McAllister Associate Professor of Physics	14,600
Robert S. McCandless Assistant Professor of Physical Education and Athletics	10,500
George T. Merideth Professor of Geophysics	17,500
C. Samuel Miller Associate Professor of Physics	13,000
B. J. Mitchell Associate Professor of Petroleum Engineering	13,300
Fred E. Moore Professor of Geology	15,700

April 10, 1970

## RECORD OF PROCEEDINGS

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Charles S. Morris Director of Public Relations	\$13,200
Joseph A. Moyzis, Jr. Assistant Professor of Physics	11,800
Carl G. Nordquist Assistant Professor of Mineral Economics	12,500
Bartlett W. Paulding, Jr. Professor of Basic Engineering	15,500
Robert W. Pearson Assistant Professor of Physical Education and Business Manager of Athletics	10,500
Anton G. Pegis Vice President for Development and Student Affairs and Professor of English	22,000
George R. Pickett Professor of Petroleum Engineering and Head of Department	17,700
Justin Pierce Assistant Professor of History and Philosophy	10,500
Ronald D. Preston Associate Professor of Basic Engineering	12,800
Hormuzd Y. Rassam Associate Professor of Basic Engineering	13,000
John J. Reed Professor of Mining Engineering	17,300
Robert D. Reed Assistant Professor of Physics	12,500
Robert G. Reeves Professor of Geology	17,400
Donald G. Roberts, M.D. School Physician and Head of Medical Department	10,500
Paul A. Rodgers Professor of Geophysics	16,000
Oded Rudawsky Associate Professor of Mineral Economics	14,000

April 10, 1970

RECORD OF PROCEEDINGS

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Arthur Y. Sakakura Associate Professor of Physics	\$13,900
A. W. Schlechten Vice President for Academic Affairs and Director of Institute of Extractive Metallurgy	28,000
Samuel Shaw, III Instructor in Mining Engineering	9,500
Elwyn Shimoda Assistant Professor of Chemical and Petroleum-Refining Engineering	12,000
Ruth B. Simon Research Associate, Department of Geophysics	12,750
George T. Sisson Laboratory Assistant in Chemistry	9,900
Maynard Slaughter Professor of Chemistry	18,000
Margaret Smart Librarian	11,000
Francis E. Smiley, Jr. Dean of Students and Associate Professor of Basic Engineering	18,000
David T. Snow Associate Professor of Geology	14,300
James D. Stansbury Assistant Director of Admissions	13,000
Richard E. Stapp, Jr. Assistant Professor of Physical Education and Athletics	11,000
Charles W. Starks Assistant Professor of Chemistry	12,000
Gurnett Steinhauer Vice President for Business Affairs	22,000
Franklin J. Stermole Professor of Chemical and Petroleum- Refining Engineering	15,500

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Robert J. Taylor Assistant Professor of Basic Engineering	\$10,500
John C. Thomas Research Assistant, Department of Chemical and Petroleum-Refining Engineering	9,000
David W. Trexler Associate Professor of Geology	13,000
Frank R. Utter Finance Officer	14,500
H. K. van Poolen Adjunct Professor of Petroleum Engineering	7,000
Cooper H. Wayman Associate Professor of Chemistry	14,100
Robert J. Weimer Professor of Geology	18,500
Walter W. Whitman Professor of Mathematics	16,500
Virginia Lee Wilcox Head Librarian	15,300
Thomas Wildeman Assistant Professor of Chemistry	12,000
John T. Williams Professor of Chemistry	16,000
Milton A. Wiltse Assistant Professor of Geology	11,600
Robert D. Witters Associate Professor of Chemistry	13,000
Robert Eugene Donald Woolsey Associate Professor of Mathematics, Principal Scientist, and Associate Director of the Computing Center	16,000
F. Richard Yeatts Associate Professor of Physics	13,000

Wild Horse Park. Mr. Steinhauer reported that the appraisal made by Mr. William T. Van Court, with the assistance of Mr. Edward M. Earley, shows the value of the land taken by the government to be \$174,775 at the

time of the taking which was January 28, 1966. Mr. Steinhauer reported that contrary to the last report made to the Board, it appears unlikely that the government will settle directly with the School. It now appears the matter will have to be litigated.

The School has received an invoice in the amount of \$2,500 from Mr. Van Court for the appraisal. Payment of this invoice was approved by the Board. Mr. Holloway has asked that he be compensated for his services on the matter. The Board approved compensating Mr. Holloway from eventual proceeds when collected.

Heating Plant Remodeling. Mr. Steinhauer reported to the Board that the 1969 legislature had appropriated funds for the remodeling which must be done on the heating plant to convert it from coal to gas and also to expand it for the additional facilities being added. The boilers have been ordered and the bids came in with the lowest bid \$50,000 over the amount of money we have available.

Mr. Steinhauer is trying to work out some arrangement with Public Service which will allow us to go ahead with the project now rather than go through a costly year's delay in the remodeling.

Mr. Eisenach excused himself from the meeting.

Monthly Reports. Mr. Steinhauer reviewed the monthly reports as follows: Education and General Fund, Balance Sheet, as of March 31, 1970; Self-Maintaining Properties, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Issue, as of March 31, 1970; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of March 31, 1970; Self-Maintaining Properties, Balance Sheet, Properties Pledged to Secure CSM 1955 MPA Bond Issue, as of March 31, 1970; Self-Maintaining Properties, Balance Sheet, Colorado School of Mines Houses #2, as of March 31, 1970; Auxiliary Enterprises, Balance Sheet, as of March 31, 1970; Source of Funds, Restricted for Scholarships and Grants, March 31, 1970; Agency Fund, Source of Funds, March 31, 1970; Summary for Budget Appropriations and Disbursements, March 31, 1970; Budget Summary for Open End 1962 Bond Issue, March 31, 1970; Budget Summary for 1966 Bond Issue, March 31, 1970; Budget Summary for Mines Park Addition and CSM Houses No. 2, March 31, 1970; Budget Summary for State Rental Properties, March 31, 1970; Budget Summary for CSM Athletic Association, March 31, 1970; Budget Summary of Health and Accident, March 31, 1970; Budget Summary - Associated Students of the CSM, March 31, 1970; Budget Summary for Office of Research Services, March 31, 1970; and the Budget Summary for Sponsored Research, March 31, 1970.

The meeting adjourned at twelve noon.

Secretary

## RECORD OF PROCEEDINGS

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The Board of Trustees met in executive session on May 8, 1970, at 9:00 a.m.

ROTC. The program, particularly as it has been improved, constitutes a valuable contribution to an engineer's education. This applies especially to those students who will be faced with practical field problems working in primitive or difficult areas with available materials and personnel. In this sense, it may be particularly valuable to foreign students returning to countries that are less developed. It is recognized that women engineers will not likely find themselves in this kind of field life. ✓

But women and foreign students cannot progress to a commission and will not be required to take ROTC at any level; however, it is still our hope that they will avail themselves of the opportunities being offered to take these courses on a voluntary basis.

Professor Wager. President Childs presented a recommendation from Professor Fisher and Dr. Schlechten that Professor Elliot Wager's request for a leave of absence be approved. President Childs concurred in this recommendation. A leave of absence, even though it is without pay, will allow Professor Wager to pursue his graduate studies at the University of Colorado without payment of tuition. Such a reciprocity agreement exists between the two schools. ✓

It was moved, seconded, and passed that Professor Wager be granted the leave, with the understanding that this action does not carry any obligation on the part of the School.

Mr. Bradley voted against the motion granting Professor Wager a leave.

Faculty Status for Dr. Hermon Ponder. President Childs recommended to the Board that Dr. Ponder, Director of the CSM Research Institute, be offered faculty status without remuneration. It was suggested by the members of the Board that the matter be left up to Dr. Ponder. ✓

Athletic Department. President Childs distributed copies of three memoranda, each dealing with a difference in understanding between the administration and Coach Brennecke. After some discussion, it was concluded that the Athletic Department, making full use of the Athletic Council, must be responsible to the administration, and should provide to the Board, through the president, desired changes in policy.

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Secretary

## RECORD OF PROCEEDINGS

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Golden, Colorado  
May 8, 1970

The Board of Trustees met in regular session at 10:30 a.m., May 8, 1970, in the President's Office, Colorado School of Mines.

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

Absent: Mr. Alexander.

President Childs attended the meeting.

Mr. Stockmar, 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 10, 1970 were approved.

Candidates for Degrees. President Childs distributed lists of candidates for degrees as recommended by the faculty.

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

May 29, 1970

### BACHELOR OF SCIENCE (MINING ENGINEERING)

Joseph Philip Aiello  
Terry Duane Bauer  
Timothy J. Haddon

Alan Conrad Noble  
Robert Thomas Roberts  
Paul Joseph Schiller

### ENGINEER OF MINES

David Robert Allison  
Terry Clark Barnes  
Robert Peter Bills  
Anton William Bosch  
Monty Lee Christo  
Gary Joseph Colaizzi  
John Joseph Faltis, Jr.  
Richard Jeffrey Fox  
Walter B. Freeman  
Steve Peter Gauss  
Philip Randolph Hammond, Jr.  
Bartlett Jay Hanford

Douglas Keith Meriwether  
David Edward Miall  
Philip Louis Mosconi  
Stephen Anthony Onorofskie  
Dale Allan Pierce  
Frederick Eugene Price, Jr.  
John Kenneth Robson  
Mark Gordon Sanders  
Robert Charles Scharp  
Henry Joseph Schmidt  
David H. Scriven  
Abel Bruno Spiritelli

## RECORD OF PROCEEDINGS

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### BACHELOR OF SCIENCE (MINERAL-ENGINEERING CHEMISTRY)

David Robert Allen	Richard Earl Ellwanger
Eric Arthur Bayley	Richard Carl Giesler
Gregory Frank Chlumsky	Ronald Lee Keil
Robert Eugene Deister	Robert Richard Rostad
	Richard Dale Sadok

### MINERAL ENGINEER-CHEMISTRY

Jim F. Lemons

### BACHELOR OF SCIENCE (MINERAL-ENGINEERING MATHEMATICS)

David William Armstrong	Thomas Carl Francis
Omar Mohammed Ben Zarty	Edward Charles Karg, Jr.
Charles Robert Blanks	Richard John Lorenzen
Daniel Garber Brooks	Ronald Lee Mildenerger
Richard Lowell Brooks	George William Off
Daniel Lee Everett	Rose Mary White
	Daniel Ray Wildy

### MINERAL ENGINEER-MATHEMATICS

Robert Gail Burley	Charles Allen Milligan
Thomas Joe Christians	Thomas Michael Monchak
Fred F. Ciochetto, Jr.	David Charles Roller
John Geoffrey Collins	Rudolph Joseph Stricklan
Jay Leonard Godley	Robert Harold Watson

### BACHELOR OF SCIENCE (MINERAL-ENGINEERING PHYSICS)

James Milton Darnall	David Robert Northrup
Vaughn Scott Goebel	Carl Arthur Preyer
James Edward Goosman	Robert Burns Slusher
Richard George Griffin, Jr.	Robert Daniel Stimson
Thomas Demaree Likes	Peter E. Voorheis

### MINERAL ENGINEER-PHYSICS

Richard John Gardner  
James Michael Love  
Lee Alan Turner

July 18, 1970

### BACHELOR OF SCIENCE (METALLURGICAL ENGINEERING)

Craig Lee Garrett	David Michael Korrey
Henry Walquist Kaanta	Robert Bruce Moffett
Richard A. Kesler	Ralph Richard Newman
	Donald Erik Spiller

METALLURGICAL ENGINEER

John Randolph Roper

BACHELOR OF SCIENCE (GEOLOGICAL ENGINEER)

James Andrew Miller

BACHELOR OF SCIENCE (PETROLEUM ENGINEERING)

Michael Anthony Acosta  
Charles William Bloomquist

Mark Victor Patton  
Douglas Jay Ruckel

PETROLEUM ENGINEER

James Dale Harmon  
Ronald Joseph Jamison

BACHELOR OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING  
ENGINEERING)

Mohammed Fahad Al-Farhan  
Mohammed Abdul-Kareem Al-Sofi

Thomas J. Slade

BACHELOR OF SCIENCE (MINERAL-ENGINEERING CHEMISTRY)

Richard Case Norton

BACHELOR OF SCIENCE (MINERAL-ENGINEERING MATHEMATICS)

Roger Van Dok

August 8, 1970

BACHELOR OF SCIENCE (MINING ENGINEERING)

Peter Vernon Cawlfild

BACHELOR OF SCIENCE (METALLURGICAL ENGINEERING)

Lewis Lynn DeLong  
Gary Herbert Garlough

Charles Ray Miller  
Guy William Schlink

BACHELOR OF SCIENCE (GEOLOGICAL ENGINEERING)

Robert Thurne Parks

BACHELOR OF SCIENCE (PETROLEUM ENGINEERING)

Nagmeddin A. Arifi

BACHELOR OF SCIENCE (MINERAL-ENGINEERING MATHEMATICS)

Peter Julian Ryer

MINERAL ENGINEER-PHYSICS

James Alan Hodson

May 29, 1970

MASTER OF SCIENCE (MINING ENGINEERING)

James B. Blackburn  
Richard Edward Hague

Jose Alberto Lampaya Valdes  
Norman Alexander Ross

MASTER OF ENGINEERING (METALLURGICAL ENGINEER)

Sushil Kumar Bhambri  
R. John Oxenford

MASTER OF SCIENCE (METALLURGY)

Ronald Robert Borisch  
Stephen Alfred Willner

MASTER OF SCIENCE (METALLURGICAL ENGINEERING)

Emory Joe Beck  
Richard Wayne Harper

Darrel D. Lemon  
Lawrence William Loechel  
Delmar Vance Miley

MASTER OF SCIENCE (GEOLOGY)

Aderbal Caetano Correa  
Peter Martin van der Spuy

MASTER OF SCIENCE (GEOLOGICAL ENGINEERING)

Richard M. Nolting, III

MASTER OF ENGINEERING (PETROLEUM ENGINEER)

Royce Haddon Elliott

MASTER OF SCIENCE (PETROLEUM ENGINEERING)

Ronald Johnston Cooper  
Frederick E. Kastner

Gabriel M. Neunzert

MASTER OF ENGINEERING (CHEMICAL AND PETROLEUM-REFINING  
ENGINEERING)

Bruce Gaylord Frenzel  
Jorge Ordonez Reyes

MASTER OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING  
ENGINEERING)

Anthony Onu Ukanwa

MASTER OF SCIENCE (GEOPHYSICS)

Mark Anthony Mathews

MASTER OF SCIENCE (GEOPHYSICAL ENGINEERING)

Yasar Tekiner

MASTER OF SCIENCE (CHEMISTRY)

William Frank McKenzie  
Roman Z. Pyrih

MASTER OF SCIENCE (MATHEMATICS)

Maurice G.F. de St. Jorre

MASTER OF SCIENCE (MATHEMATICS - GEOPHYSICAL ENGINEERING)

Hamid Jawad Al-Hakeem

DOCTOR OF PHILOSOPHY (MINING ENGINEERING)

Robert Melton Cox, Jr.

DOCTOR OF PHILOSOPHY (METALLURGICAL ENGINEERING)

Stanley Beitscher  
David James Spottiswood

DOCTOR OF PHILOSOPHY (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Karl Alexander McKinstry

DOCTOR OF PHILOSOPHY (GEOPHYSICS)

Richard George Geyer  
Fred John Hilterman

New Faculty Appointments. President Childs reviewed for the Board the new appointments to the faculty as follows:

Frank Lawson	\$ 8,000
Associate Professor of Metallurgical Engineering	
Raymond K. Mueller	12,000
Assistant Professor of Mathematics	
Return from year's leave:	
Charles A. Kohlhaas	10,000
Instructor in Petroleum Engineering	

## RECORD OF PROCEEDINGS

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Upon motion made, seconded, and unanimously passed, the Board approved these appointments.

Mr. Steinhauer entered the meeting at this time.

Heating Plant. President Childs reported that we have received a special allocation of \$25,140 from the Governor's emergency fund; the contract has been let and notice to proceed has been issued. ✓

Professor Mather and Dr. Schlechten entered the meeting at this time.

Mineral Economics Program. Professor Mather reviewed for the Board the status of the Mineral Economics Department at the end of its first year. He stated, in his opinion, the Department was off to a good start. Through lectures he has given, Dr. Risser, the current Coulter Professor, has been a tremendous stimulant to the Department and to other departments, including undergraduate classes. Professor Mather reported that the new course in Industrial Relations given by Professor Madsen is attracting attention with a resulting increase in enrollment. Professor Mather is attempting, with some success already assured, to integrate the economics aspect into each option at the undergraduate level. ✓

Professor Mather made a recommendation to the Board for a successor to Dr. Risser as Coulter Professor. Dr. Risser is on leave from his job with the Illinois Geological Survey and will be leaving after this school year. The Board wanted to study the new candidate's resume before making a decision.

Professor Mather and Dr. Schlechten excused themselves from the meeting at this time.

ROTC. After some discussion of the policy on ROTC which the Board had adopted at the March meeting, it was moved, seconded, and unanimously passed that the last two sentences of the third paragraph of the statement on ROTC be deleted. Instead there would be inserted the following:

"The requirement will not extend to women students or to foreign students. However, their participation in the new restructured ROTC curriculum is strongly recommended and encouraged, especially in the case of foreign students for the many practical aspects the program will have for them when they return to their own countries." ✓

## RECORD OF PROCEEDINGS

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At this time a group of foreign students entered the meeting and Mr. Stockmar reviewed for them the change made in the ROTC policy. After a short question and answer period, the students thanked the Board and excused themselves from the meeting.

Resolutions for Signatures. Mr. Steinhauer presented to the Board several resolutions which would authorize the signatures of Mr. Steinhauer and Dr. Kuhn on all School checks in the event there would be a period of time when no president would be in office.

Upon motion made, seconded, and unanimously passed, the following resolutions were adopted:

RESOLVED, That Golden State Bank, Golden, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of any two of the following:

Truman H. Kuhn, Vice President for Administrative Affairs  
Gurnett Steinhauer, Vice President for Business Affairs

and the Golden State Bank shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless of by whom or by what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signatures or signatures resemble the facsimile specimens from time to time filed with the Golden State Bank by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked.

Savings Accounts:  
Simon Guggenheim - Remodeling 10-027-3  
CSM Restricted Fund 02-467-8  
Charles P. Wegeforth Memorial Fund 02-660-4  
CSM Student Loan Fund 02-474-1  
CSM MPA Bond & Interest Sinking Fund 02-475-8  
Research Services - NSF Savings Account 03-304-3  
Associated Students of CSM Health  
& Accident Fund 03-079-2

Certificates of Deposit:  
 Associated Student Health & Accident Fund 252

Checking Accounts:  
 CSM Treasurer's Account 40-259-5  
 CSM Housing System Revenue Fund 40-421-2  
 CSM Research Services Fund 40-223-6

RESOLVED, That First National Bank of Golden, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of any two of the following:

Truman H. Kuhn, Vice President for Administrative Affairs

Gurnett Steinhauer, Vice President for Business Affairs

and the First National Bank of Golden shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless of by whom or what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with the First National Bank of Golden by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked.

Checking Accounts:  
 CSM Revolving Fund 21-05375  
 Athletic Association Revolving Fund 21-08912  
 CSM National Defense Education Fund 11-26430  
 CSM Restricted Fund 21-18088  
 CSM Dorm System Revenue Fund 21-39225  
 CSM MPA Fund 21-13033  
 CSM Houses Group 2 Account 21-37502  
 CSM Dorm Activity Fund 21-09325  
 CSM Associated Students 21-09069  
 CSM Health & Accident Fund 11-77297

## RECORD OF PROCEEDINGS

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Savings Accounts:  
CSM Restricted Fund 40-71527  
CSM Athletic Association 40-79254  
CSM Associated Student Health &  
Accident Plan 40-71519

Certificates of Deposit:  
Simon Guggenheim Remodeling Fund 05-3563  
CSM Associated Student Health &  
Accident Plan 05-3371  
CSM Associated Student Health &  
Accident Plan 05-3372

RESOLVED, That the Colorado National Bank, Denver, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of any two of the following:

Truman H. Kuhn, Vice President for Administrative Affairs

Gurnett Steinhauer, Vice President for Business Affairs

and the Bank shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless of by whom or by what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with the bank by the secretary or other officer of this corporation; and

FURTHER RESOLVED, that all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked.

Checking Account:  
CSM Payroll Account 009-07-5

Savings Accounts:  
CSM Dorm System Bond & Interest Sinking  
Fund Account 197286  
CSM Dorm System Maintenance Reserve  
Account 203477  
CSM Housing System Bond & Interest  
Sinking Fund Account 231791

CSM Housing System Repair & Replacement Reserve Account	233648
Certificate of Deposit:	
CSM Dorm System Bond & Interest Sinking Fund Account	B 570899

RESOLVED, That Golden Savings and Loan Association, Golden, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of any two of the following:

Truman H. Kuhn, Vice President for Administrative Affairs  
Gurnett Steinhauer, Vice President for Business Affairs

and Golden Savings and Loan Association shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless by whom or by what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with Golden Savings and Loan Association by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked.

Savings Account:	
Clark B. Carpenter Award Fund	3493

RESOLVED, That Denver United States National Bank, Denver, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of any two of the following:

Truman H. Kuhn, Vice President for Administrative Affairs  
 Gurnett Steinhauer, Vice President for Business Affairs

and Denver United States National Bank shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless of by whom or by what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with Denver United States National Bank by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked.

Certificates of Deposit:

Associated Students of CSM Health & Accident Plan	A 7228
CSM Restricted Fund	A 7229
CSM Charles J. Adami Fund	17235
CSM Restricted Fund	17237

Appraisals. Mr. Steinhauer presented the appraisal of the ATO Annex at 1115 16th Street. The property had been appraised at \$14,500. It is in an area the School wished to acquire, but there is not money for such acquisition at this time.

Mr. Steinhauer also presented letters evaluating the three pieces of property in the half-block between 15th and 16th and Arapahoe and the alley between Arapahoe

and Washington Streets. This area would complete the parking area for the new graduate and professional center. The value of these three pieces of property is estimated to be \$52,500.

Since there is only \$34,000 left in our land acquisition fund, the Board authorized Mr. Steinhauer to attempt purchase of the property at 823 15th Street and 815 15th Street. Funds to purchase the Capp property at 812 16th Street and the ATO annex would be included in our capital construction budget request for the 1971-72 fiscal year. ✓

Individual Budgets for 1970-71. Mr. Steinhauer reported that the individual budgets for the fiscal year beginning July 1, 1970 had been made up and he distributed copies to the members of the Board. He asked for formal approval of these budgets at the June meeting, if there was no objection to them.

Proposal for Campus Planning. A letter and preliminary agreement were received from the firm of Carl Warnecke & Associates. The agreement provided that for \$7,050, the remaining amount in the fund for master planning, they would bring up to date the original project started by SUA. This included a revision and updating by MIRA of Boulder, Colorado of the documents originally submitted by SUA. When this is in a form acceptable to the School and the Colorado Commission on Higher Education, Warnecke will complete the necessary drawings and plans. ✓

The Board accepted this preliminary agreement and authorized President Childs to approve the final agreement when forwarded to us by Warnecke.

James Lawsuit. Mr. Steinhauer reported that our insurance company had made a settlement of \$4,000 in connection with the accidental death of the James child in the summer of 1969. ✓

Guggenheim Remodeling. The Board approved Supplement No. 1 to the original architect-engineers agreement with Rogers/Nagel/Langhart for remodeling Guggenheim Hall. Mr. Stockmar was authorized to sign the agreement on behalf of the Board. ✓

Wild Horse Park. Mr. Steinhauer reported that a check in the amount of \$10,000 on the Registry Account of the U. S. District Court was received as an advance on final settlement of the case. Out of this amount a check in the amount of \$2,500 was issued to Mr. Van Court for the appraisal. Mr. Holloway who has been representing the School also submitted a bill in the amount of \$2,500 for services rendered. The Board authorized the payment of the bill from Mr. Holloway. ✓

Monthly Reports. Mr. Steinhauer distributed the monthly reports as follows: Education and General Fund, Balance Sheet, as of April 30, 1970; Self-Maintaining Properties, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of April 30, 1970; Self-Maintaining Properties, Balance Sheet, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of April 30, 1970; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of April 30, 1970; Self-Maintaining Properties, Balance Sheet, Properties Pledged to Secure CSM 1955 MPA Bond Issue, as of April 30, 1970; Self-Maintaining Properties, Balance Sheet, CSM Houses #2, April 30, 1970; Auxiliary Enterprises, Balance Sheet, as of April 30, 1970; Source of Funds, Restricted for Scholarships and Grants, April 30, 1970; Agency Fund, Source of Funds, April 30, 1970; Summary for Budget Appropriations and Disbursements, April 30, 1970; Budget Summary for Open End 1962 Bond Issue, April 30, 1970; Budget Summary for 1966 Bond Issue, April 30, 1970; Budget Summary for Mines Park Addition and CSM Houses No. 1, April 30, 1970; Budget Summary for State Rental Properties, April 30, 1970; Budget Summary for CSM Athletic Association, April 30, 1970; Budget Summary for Health and Accident, April 30, 1970; Budget Summary - Associated Students of the Colorado School of Mines, April 30, 1970; Budget Summary for Office of Research Services, April 30, 1970; and the Budget Summary for Sponsored Research, April 30, 1970.

The meeting adjourned at 2:00 p.m.

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Secretary

## RECORD OF PROCEEDINGS

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Golden, Colorado  
June 12, 1970

The Board of Trustees of the Colorado School of Mines met in regular session on June 12, 1970, at 8:30 a.m., in the law library of the law firm of Bradley, Campbell, Carney, and Johnson.

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

Absent: Mr. Stockmar.

Dr. Kuhn and Mr. Steinhauer attended the meeting.

Mr. Volk, Vice President of the Board, presided.

It was noted that Dr. Childs' last day on the campus was June 10 and, according to Mr. Steinhauer, Dr. Childs had enough accumulated vacation to carry him on the payroll until July 31. ✓

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

Previous Minutes. The minutes of the meeting held on May 8, 1970 were approved.

New Faculty Appointments. Dr. Kuhn reviewed the qualifications of the new people who have been appointed to the faculty. The new appointments are as follows:

William A. Lindberg Adjunct Assistant Professor of Basic Engineering	\$ 4,800
Huntington S. Swanson Assistant Professor of Mathematics	11,600
Alfred Petrick, Jr. Coulter Professor of Mineral Economics	20,000
John A. Pederson Assistant Professor of Mineral Economics	11,500

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

There was some discussion about new faculty appointments and it was agreed that it would be helpful for the Board to establish some guidelines on the type

## RECORD OF PROCEEDINGS

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Central Heating System	-	\$128,000.
Minor alterations	-	55,622.
Land acquisition, phase 2	-	243,840.

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

Monthly Reports. Mr. Steinhauer distributed copies of the monthly reports as follows: Education and General Fund, Balance Sheet, as of May 31, 1970; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of May 31, 1970; Self-Maintaining Properties, Balance Sheet, Properties Pledged to Secure CSM 1955 MPA Bond Issue, as of May 31, 1970; Self-Maintaining Properties, Balance Sheet, Colorado School of Mines Houses #2, as of May 31, 1970; Auxiliary Enterprises, Balance Sheet, as of May 31, 1970; Source of Funds, Restricted for Scholarships and Grants, May 31, 1970; Agency Fund, Source of Funds, May 31, 1970; Summary for Budget Appropriations and Disbursements, May 31, 1970; Budget Summary for Open End 1962 Bond Issue, May 31, 1970; Budget Summary for 1966 Bond Issue, May 31, 1970; Budget Summary for Mines Park Addition and CSM Houses No. 1, May 31, 1970; Budget Summary for State Rental Properties, May 31, 1970; Budget Summary for CSM Athletic Association, May 31, 1970; Budget Summary for Health and Accident Plan, May 31, 1970; Budget Summary, Associated Students of the Colorado School of Mines, May 31, 1970; Budget Summary for Office of Research Services, May 31, 1970; and the Budget Summary for Sponsored Research, May 31, 1970.

Faculty Health Insurance. Mr. Steinhauer reported to the Board that the premium of the health insurance was being raised as of July 1, 1970 and the School's share of the increase would be approximately \$8,000.

Survey Field. Mr. Steinhauer reported that Judge Schauer, Director of Institutions, was willing to support a bill in the next session of the legislature transferring title from the Department of Institutions to the School for the field south of Mines Park which the School has leased for surveying classes.

Mr. Steinhauer said he would follow through on this matter.

Petroleum Engineering Department. Dr. Kuhn informed the Board that Professor Hollister had requested the transfer of Dr. Pickett from the Petroleum Engineering Department to the Department of Geophysics, effective June 12. Dr. Schlechten concurred in the recommendation and also recommended

June 12, 1970

## RECORD OF PROCEEDINGS

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that Professor Bass be made Acting Head of the Petroleum Engineering Department for the summer. Dr. Kuhn concurred in both recommendations. ✓

Upon motion made, seconded, and unanimously passed, the Board approved these changes.

Guggenheim Hall Remodeling. The work being done on the building was discussed briefly.

The meeting adjourned at 11:40 a.m.

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Secretary

June 12, 1970

## RECORD OF PROCEEDINGS

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Golden, Colorado  
July 10, 1970

The Board of Trustees of the Colorado School of Mines met in regular session on July 10, 1970, at 8:30 a.m., in the law library of the firm of Bradley, Campbell, Carney, and Johnson.

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

Absent: Mr. Alexander.

Mr. Stockmar, President of the Board, presided.

Dr. Kuhn 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 12, 1970 were approved.

New Faculty Appointment. Dr. Kuhn reviewed a new faculty appointment. Upon motion made, seconded, and unanimously passed, the Board approved the following appointment:

Samuel E. Vandiver	\$15,000
Associate Professor in Humanities and Social Sciences	

Potential Gas Agency. Dr. Kuhn read an excerpt from the minutes of the meeting of the Board held on May 14, 1965 when the objectives and organization of the Agency were given Board approval. The members of the Board reaffirmed their belief in the general principle of such an organization and the benefit of School identification with such an agency. The fiscal control of the income and expenditures was discussed briefly, but it was recognized that this was a matter for the CSM Foundation since the Agency funds were under the control of the Foundation. ✓

1971-72 Budget. As instructed at the June meeting, Mr. Steinhauer had prepared a new proposed budget for the 1971-72 fiscal year. This new proposed budget shows a 13.4 percent increase over the 1970-71 budget.

It was moved, seconded, and unanimously passed that the new revised budget be approved with the clear understanding that should the amount appropriated by the

July 10, 1970

legislature include an increase, the increase would not necessarily be used for salaries. It was also requested that our new budget request make clear to the appropriate State agencies the fact we are attempting a new course and wish to make every effort to provide the information needed by them. ✓

Insurance. Mr. Steinhauer reported that the School participates in a blanket insurance policy with all State institutions, the policy being written by the State Purchasing Agent. As a result, the School gets a favorable rate. Recently, due to the unrest and changed conditions on campuses and the one big fire at CSU, the premium was increased.

This was reported as an information item only, since there is no choice in the matter.

Monthly Reports. Mr. Steinhauer reviewed the monthly reports as follows: Education and General Fund, Balance Sheet, as of June 30, 1970; Self-Maintaining Properties, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of June 30, 1970; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of June 30, 1970; Self-Maintaining Properties, Balance Sheet, Properties Pledged to Secure 1955 MPA Bond Issue, as of June 30, 1970; Self-Maintaining Properties, Balance Sheet, Colorado School of Mines Houses #2, as of June 30, 1970; Auxiliary Enterprises, Balance Sheet, as of June 30, 1970; Source of Funds, Restricted for Scholarships and Grants, June 30, 1970; Agency Fund, Source of Funds, June 30, 1970; Summary for Budget Appropriations and Disbursements, June 30, 1970; Budget Summary for Open End 1962 Bond Issue, June 30, 1970; Budget Summary for 1966 Bond Issue, June 30, 1970; Budget Summary for Mines Park Addition and CSM Houses No. 1, June 30, 1970; Budget Summary for State Rental Properties, June 30, 1970; Budget Summary for CSM Athletic Association, June 30, 1970; Budget Summary of Health and Accident Plan, June 30, 1970; Budget Summary, Associated Students of the Colorado School of Mines, June 30, 1970; Budget Summary for Office of Research Services, June 30, 1970; and the Budget Summary for Sponsored Research, as of June 30, 1970.

Use of School Facilities. Mr. Steinhauer reported that he has received a request from the American International Travel Service requesting use of School facilities from June 1, 1971 to August 20, 1971 for a tour the company is working up for high school students from the entire United States. The company would like to make the School one of the stops on their tour.

According to company proposal, every two days during that period of time there would be a bus load of students arriving in Golden to spend two days. The students

would be housed in the dormitories, eat in the dining room, and use the recreational facilities of the School. As far as the School is concerned, the rate being considered would amply compensate for the use of the facilities involved, including depreciation, and there would be some surplus.

It was the consensus of the Board that such exposure to the School would be most worthwhile. Also, as long as such use of facilities does not interfere with the regular school functions, and adequate compensation is made, we do have some obligation to utilize facilities as much as possible. ✓

The Board authorized Mr. Steinhauer to continue negotiations with the company but agreed that \$7.50 per day per student would be the lowest feasible rate.

Sabbatical Leave, Dr. L. W. LeRoy. Dr. Kuhn presented a recommendation from Dr. Schlechten, in which he concurred, that Dr. LeRoy with the endorsement of Dr. Kent be given sabbatical leave for the 1971-72 school year in order that he may serve as a Visiting Professor at the Cheng Kung University in Taiwan.

Dr. LeRoy was requesting one-half of his annual salary. Dr. Kuhn stated that the other half of Dr. LeRoy's salary would be used for teaching assistants so that there would be no added expense to the School for the leave being requested. The teaching assistants or possibly an adjunct professor would carry Dr. LeRoy's work here for that one year.

Dr. LeRoy would use the year to participate in two research programs concerning sedimentary structures in southern Taiwan and engineering geology problems of the island.

Upon motion made, seconded, and unanimously passed, the Board approved the sabbatical leave for Dr. LeRoy for the 1971-72 school year at one-half his regular salary.

The meeting adjourned at 11:15 a.m.

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Secretary

## RECORD OF PROCEEDINGS

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Golden, Colorado  
August 14, 1970

The Board of Trustees of the Colorado School of Mines met in regular session on August 14, 1970, at 8:30 a.m., in the law library of the firm of Bradley, Campbell, Carney, and Johnson.

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

Mr. Stockmar, President of the Board, presided.

Dr. Kuhn 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 July 10, 1970, were approved.

President, Colorado School of Mines. Upon motion made, seconded, and unanimously passed, the following resolution was adopted:

RESOLVED, That Dr. Guy T. McBride, Jr. be appointed President of the Colorado School of Mines, effective September 1, 1970;

That Dr. McBride be designated Professor of Mineral Engineering and be privileged to teach one course each semester;

That Dr. McBride be required to live in the house furnished by the School for that purpose, it being understood that the School maintain the house as it does other School-owned property;

That approval be given for Dr. McBride to do consulting work consistent with arrangements made with past presidents and present faculty with the same stipulation that the consulting practice will not interfere with normal duties; and

That Dr. McBride be paid at an annual rate of \$30,000 with an account of \$2,500 for official entertaining, and a car furnished Dr. McBride by the School.

Authorized Signatures. Mr. Steinhauer presented to the Board several resolutions which would authorize the signatures of Dr. McBride and Mr. Steinhauer on all School checks. ✓

Upon motion made, seconded, and unanimously passed, the following resolutions were adopted:

RESOLVED, That the First National Bank in Golden, Golden, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor access to the safe deposit box when bearing or purporting to bear the signatures or facsimile signatures of any two of the following:

Guy T. McBride, Jr., President  
Gurnett Steinhauer, Vice President for  
Business Affairs

and the First National Bank in Golden shall be entitled to honor and to charge this corporation for the payment of rental of this safe deposit box regardless of by whom or by what means actual or purported facsimile signatures thereon may have been affixed thereto, if such facsimile signatures resemble the facsimile specimens from time to time filed with the First National Bank in Golden by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures for this safe deposit box are revoked effective September 1, 1970.

RESOLVED, That Golden State Bank, Golden, Colorado as a designated depository of this corporation be and it is hereby requested, authorized and directed to honor, effective September 1, 1970, all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of the following:

Guy T. McBride, Jr., President  
Gurnett Steinhauer, Vice President for Business  
Affairs

and the Golden State Bank shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money,

## RECORD OF PROCEEDINGS

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regardless of by whom or by what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with the Golden State Bank by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked, effective September 1, 1970.

### Savings Accounts:

Simon Guggenheim - Remodeling	10-027-3
CSM Restricted Fund	02-467-8
Charles P. Wegeforth Memorial Fund	02-660-4
CSM Student Loan Fund	02-474-1
CSM MPA Bond & Interest Sinking Fund	02-475-8
Research Services - NSF Savings Acct	03-304-3
The Associated Students of CSM Health & Accident Fund	03-079-2

### Certificate of Deposit:

Associated Student Health & Accident Fund 252

### Checking Accounts:

CSM Treasurer's Account	40-259-5
CSM Housing System Revenue Fund	40-421-2
CSM Research Services Fund	40-223-6

RESOLVED, That Golden Savings and Loan Association, Golden, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor, effective September 1, 1970, all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of the following:

Guy T. McBride, Jr., President  
Gurnett Steinhauer, Vice President for Business Affairs

and Golden Savings and Loan Association shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless of by whom or by

what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with Golden Savings and Loan Association by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked effective September 1, 1970.

Savings Account:

Clark B. Carpenter Award Fund 3494

RESOLVED, That Denver United States National Bank, Denver, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor, effective September 1, 1970, all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of the following:

Guy T. McBride, Jr., President  
Gurnett Steinhauer, Vice President for Business Affairs

and Denver United States National Bank shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless of by whom or by what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with Denver United States National Bank by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked effective September 1, 1970.

## RECORD OF PROCEEDINGS

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### Certificates of Deposit:

Associated Students of CSM Health & Accident Plan	A 7228
CSM Restricted Fund	A 7229
CSM Charles J. Adami Fund	17235
CSM Restricted Fund	17237

RESOLVED, That the Colorado National Bank, Denver, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized and directed to honor, effective September 1, 1970, all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signature or facsimile signatures of the following:

Guy T. McBride, Jr., President  
Gurnett Steinhauer, Vice President for  
Business Affairs

and the bank shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless of by whom or by what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with the bank by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are revoked effective September 1, 1970.

### Checking Account:

CSM Payroll Account	009-07-5
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### Savings Accounts:

CSM Dorm System Bond & Interest Sinking Fund Account	197286
CSM Dorm System Maintenance Reserve Account	203477
CSM Housing System Bond & Interest Sinking Fund Account	231791
CSM Housing System Repair & Replacement Reserve Account	233648

### Certificate of Deposit:

CSM Dorm System Bond & Interest Sinking Fund Account	B 570899
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August 14, 1970

## RECORD OF PROCEEDINGS

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of person desired as a member of the faculty. In answer to Dr. Kuhn's inquiry, the members of the Board thought it might be worthwhile for the administration to send out preliminary information on any person being considered for appointment, providing time allowed. This would allow the Board members to be of some help in the matter of selection in the event the members of the Board knew the individual being considered.

Budgets for 1970-71. Mr. Steinhauer presented the budgets for 1970-71 as follows:

Operating budget for CSM in the amount of \$4,759,616.

1962 Bond issue in the amount of \$464,309.

1966 Bond issue in the amount of \$58,948.

Mines Park Addition in the amount of \$12,470.

State Rental Property in the amount of \$19,187.

Athletic Association in the amount of \$60,200.

Health and Accident Plan in the amount of \$53,439.

Associated Students in the amount of \$45,425.

Office of Research Services in the amount of \$145,000.

Sponsored Research in the amount of \$803,024.

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

Proposed Operating Budget for 1971-72. Mr. Steinhauer presented the proposed operating budget for 1971-72 as recommended by the School budget committee. After considerable discussion, the matter was tabled until additional information can be submitted.

Capital Construction Budget, 1971-72. Mr. Steinhauer presented the proposed capital construction requests in the order of priority. The requests were as follows:

Land acquisition -	\$20,000.
Library addition -	46,220.
Engineering complex -	221,595.
Electrical distribution system -	\$48,000.

## RECORD OF PROCEEDINGS

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RESOLVED, That the First National Bank in Golden, Golden, Colorado, as a designated depository of this corporation be and it is hereby requested, authorized, and directed to honor, effective September 1, 1970, all checks, drafts or other orders for the payment of money drawn in this corporation's name on the accounts listed below (including those drawn to the individual order of any person or persons whose names appear thereon as a signer or signers thereof) when bearing or purporting to bear the signatures or facsimile signatures of the following:

Guy T. McBride, Jr., President  
Gurnett Steinhauer, Vice President for Business Affairs

and the First National Bank in Golden shall be entitled to honor and to charge this corporation for all such checks, drafts or other orders for the payment of money, regardless of by whom or by what means the actual or purported facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens from time to time filed with the First National Bank in Golden by the secretary or other officer of this corporation; and

FURTHER RESOLVED, That all previous authorizations for signatures on checks or drafts and for deposits are hereby revoked effective September 1, 1970.

### Checking Accounts:

CSM Revolving Fund	21-05375
Athletic Association Revolving Fund	21-08912
CSM National Defense Education Fund	11-26430
CSM Restricted Fund	21-18088
CSM Dorm System Revenue Fund	21-39225
CSM MPA Fund	21-13033
CSM Houses Group 2 Account	21-37502
CSM Dorm Activity Fund	21-09325
CSM Associated Students	21-09069
CSM Health & Accident Fund	11-77297

### Savings Accounts:

CSM Restricted Fund	40-71527
CSM Athletic Association	40-79254
CSM Associated Student Health & Accident Plan	40-71519

### Certificates of Deposit:

Simon Guggenheim Remodeling Fund	05-3563
CSM Associated Student Health & Accident Plan	05-3371
CSM Associated Student Health & Accident Plan	05-3372

August 14, 1970

Use of School Facilities by Student Touring Group. Mr. Steinhauer reported as an information item that the travel service which had been interested in using our facilities during the summer of 1971 had changed plans and were no longer interested in such use.

New Faculty Appointments. Dr. Kuhn reviewed the following appointments made to the faculty and staff:

Brian Ball Assistant Professor of Metallurgical Engineering	\$11,500
Richard D. Gauthier Assistant Professor of Basic Engineering	13,500
Jon W. Raese Publications Editor	10,000

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

Dismissal of Classes for Political Activity. Mr. Stockmar reported on a meeting he had attended at the invitation of the Colorado Commission on Higher Education for the purpose of discussing the subject of recessing classes to allow students to participate in the fall political campaigns.

It was the consensus of the Board that as a state-supported institution the School cannot become a base for political activity. It is the hope of the Board that our students are socially and politically aware, but we cannot subsidize political activity with State tax funds.

Contract - Electrical Distribution System. Mr. Steinhauer presented an architect/engineers agreement with Swanson-Rink & Associates covering the plans and specifications for the second phase of the electrical distribution system.

Upon motion made, seconded, and unanimously passed, Mr. Stockmar was authorized to sign the agreement.

Acquisition of Armory Building. Dr. Kuhn reported to the Board that the armory building at 13th and Arapahoe in downtown Golden is for sale by the State Department of Military Affairs. The building contains 18,000 square feet and is appraised at \$40,000. School personnel have expressed interest in acquiring the building principally for surplus storage and geophysical laboratory space. Approval of the Colorado Commission on Higher Education is necessary before the property can be acquired, and the Commission has told us that such acquisition would have to be supported by the overall master plan now being prepared by a firm in Boulder (MIRA).

There was some doubt expressed about the need for additional space; and in any event there was no action to be taken at this time pending the completion of the long-range campus plan. ✓

Acquisition of Property for Parking Area. Mr. Steinhauer reported that he had contacted Mrs. Fred Reimer of 823 15th Street about the purchase of her property. He had later received a letter from Mr. George Louis Craemer, attorney representing Mrs. Reimer. Mr. Craemer asked that no further contact be made by School personnel with Mrs. Reimer. ✓

The Board instructed Mr. Steinhauer to take the necessary steps with the Attorney General toward the acquisition of the property.

Additional Pledge Toward Graduate and Professional Center. Mr. Steinhauer reported that in a letter dated July 31, 1970, Dr. and Mrs. Cecil Green pledged an additional \$324,500 toward the Graduate and Professional Center for the specific purpose of completing the basement area. ✓

The side agreement covering additional architectural compensation made between Mr. Art Krill of the Ken R. White Company and the CSM Foundation, Inc. was discussed.

Monthly Reports. Mr. Steinhauer distributed the monthly reports as follows: Balance Sheet, Education and General Fund, as of July 31, 1970; Self-Maintaining Properties, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of July 31, 1970; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of July 31, 1970; Self-Maintaining Properties Balance Sheet, Properties Pledged to Secure CSM 1955 MPA Bond Issue, as of July 31, 1970; Self-Maintaining Properties, Balance Sheet, Colorado School of Mines, Houses #2, as of July 31, 1970; Auxiliary Enterprises, Balance Sheet, as of July 31, 1970; Source of Funds, Restricted for Scholarships and Grants, July 31, 1970; Agency Fund, Source of Funds, July 31, 1970; Summary of Budget Appropriations & Disbursements, as of July 31, 1970; Budget Summary for Open End 1962 Bond Issue, as of July 31, 1970; Budget Summary, 1966 Bond Issue, as of July 31, 1970; Budget Summary for Mines Park Addition and CSM Houses No. 1, as of July 31, 1970; Budget Summary for State Rental Properties, as of July 31, 1970; Budget Summary, for CSM Athletic Association; and the Budget Summary of the Health and Accident Plan as of July 31, 1970.

The meeting adjourned at 11:30 a.m.

Secretary

## RECORD OF PROCEEDINGS

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Golden, Colorado  
September 4, 1970

In substitution of the regular September meeting, the Board of Trustees met in special session on September 4, 1970, at 8:30 a.m., in the Presidents Room of the Ben H. Parker Student Center.

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

President McBride attended the meeting.

Mr. Stockmar, President of the Board, presided.

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

Faculty Appointments and Changes. President McBride reported to the Board that there were several changes in and new appointments to the faculty of the School. In answer to his request for instructions with regard to Board approval of faculty changes and additions, the Board emphasized the importance of faculty in carrying out the general direction which the Board feels the School should be taking. It was generally recognized that the burden of responsibility for recruiting and holding desired faculty must rest with the President of the School. At the same time, it was recognized that the Board may properly wish to furnish guidelines as to the type of faculty it considers assets to our School.

The general consensus of the Board was that we want a faculty totally dedicated and committed to the training of motivated students to be mineral engineers who are socially and politically aware. The desire was expressed to recruit or develop faculty who can re-establish the esprit de corps which once existed on the campus. ✓

The members of the Board agreed that except for top administrative and faculty appointments, the President should have the authority to make appointments without prior Board approval. In the case of major appointments of high rank, it was agreed that prior Board knowledge might be desirable.

After indicating his understanding of the Board guidelines and his intentions to develop and implement procedures to comply therewith, President McBride reviewed the following appointments either already made or in the process of being made:

Ta Liang \$1,877.77 per month  
 Visiting Professor of Basic Engineering  
 (for seven months)

Bill D. Pierce \$13,000  
 Assistant Professor of Basic Engineering

Herman Ponder  
 Professor of Geology - Without pay

William E. Leckie - Appointed Faculty  
 Representative to Rocky Mountain  
 Athletic Conference

Daniel M. Bass, Jr. \$18,500  
 Professor of Petroleum Engineering  
 and Acting Head of Department

Upon motion made, seconded, and unanimously passed, the appointments and changes in the faculty were noted and approved.

In the same vein, the Board told Dr. McBride that it has long been a source of concern to them as to the proper balance of faculty with doctorate degrees and those without doctorate degrees. Board members were well aware of the fact that they did not have the answer, but asked that President McBride give the problem consideration with special regard to the effect of this balance on the desired emphasis on mineral engineering rather than mineral science.

The Board has also become concerned about the size of the workload which many of our faculty are carrying, recognizing that they may not be in possession of all facts. It does seem, however, that now that salaries are at a respectable level, there may be a question of whether we are getting our money's worth. There is no hesitancy about paying people what they are worth, but we do have the obligation to ascertain that people are performing adequately.

Agreement with Government of Saudi Arabia.  
 President McBride reported to the Board that Dr. Kuhn had been invited to go to Saudi Arabia to assist in setting up the curricula for the College of Petroleum and Minerals there. The Board approved the trip with the understanding that the government of Saudi Arabia would finance the trip.

Circulation of Board Minutes. President McBride asked for instructions on the circulation of the minutes to the administrative staff. Mr. Stockmar reviewed the practice of holding executive sessions for discussions which would in any way do damage to an individual or divulge information which would hamper negotiations in

progress, such as authorization for payment of a certain amount for a particular piece of property.

The Board was willing to leave it up to President McBride what should or should not be circulated to members of his staff.

Progress Report, Graduate and Professional Center. President McBride reported that the contract completion date of the new Center, basement change order included, is August 11, 1971, but that the construction is ahead of schedule and, if the present performance can be maintained, it is anticipated that work will be completed by July 15, 1971.

Nils Swenson Intramural Field. President McBride reported that work is complete on the field and the dedication which is being planned by the Interfraternity Council will be scheduled for the early fall, Trustees to be notified well in advance. ✓

Monthly Reports. The general purpose of and workload involved in the preparation of the current style of monthly reports were questioned. President McBride said he and Mr. Steinhauer would prepare themselves to review this matter at the next meeting.

School Aims and Objectives. There ensued a general discussion of the aims and objectives of the School, with particular emphasis on problem areas which have developed because proper aims and objectives were either ignored or subverted. The Board listed and discussed for President McBride's attention and understanding the following points: ✓

1. 100th anniversary - funding? Very little probably from the State. ✓
2. General area of public relations and fund raising.
3. Our image - particularly the image we project to the prospective student. How can we project a better image to high school students, especially Colorado high school students?
4. Motivation - many of our students do not know why they are here and what is ahead of them. Seemed generally agreed that this indoctrination fell within the realm of a good faculty member to instill enthusiasm for and commitment to the field of mineral engineering.
5. School-alumni relations - establish good relationships with Alumni Association and alumni generally. Make use of their good will and intense loyalty to CSM in the recruitment of good students.

6. Fraternities have fiscal problems - the financing of the fraternity houses built on the West Campus was to some extent guaranteed by the CSM Foundation. We should have alternatives in mind in the event the fraternities cannot carry out their financial obligations.
7. Service departments - want to become degree-granting departments. There does not seem to be a proper flow of information between these departments and the professional departments, resulting in less than top performance in fulfilling service instructional functions. Departments, such as Mathematics, must be responsive to the needs of the other departments in giving proper instruction for those going into such options as petroleum, etc. They must take care of these primary obligations as well as carrying on their degree-granting course work.
8. Degree structure - the Board feels that we have seriously watered down our undergraduate program. In so doing, we have deprived the good student of the opportunity to obtain a professional degree in four years. The way the degree program has developed is not what at least some members of the Board had in mind when it was being changed.
9. Balance between teaching and research.
10. Administration - in terms of personnel and financial load entailed, may be too many people for size of School.
11. Humanities - not being taught as well as they can and must be; the Humanities Department is sterile and sterilizing and the engineering faculty have abdicated responsibility.
12. Faculty tenure - may be a problem although public opinion is moving against tenure. Mines does not offer tenure.
13. ROTC- President McBride expressed his intention not to bring this back to the Board this year, but to consider it a settled problem only to be reopened after experience is gained.
14. Student unrest - the Board expressed the hope that President McBride would take a compassionate approach to these problems but at the same time be firm in letting the students know that

no one has the right to interfere with the rights of others. The Board is well aware of the fact that it must operate within a legal framework which did not exist several years ago and it must provide, perhaps explicitly, for due process. President McBride asked if the Board is aware of any legal defects in the Code of Conduct now in effect. The members of the Board answered that it was not, of course, a perfect document and that some problems may arise. Mr. Bradley offered the services of a member of his staff to write a brief on the Code so that President McBride would be aware of any legal weaknesses which may exist in the Code.

Mr. Steinhauer joined the meeting as it recessed for lunch.

The group joined the football trainees in the cafeteria for lunch.

Mr. Bradley and Mr. Volk left the meeting.

Site Acquisition - Parking Area. Upon motion made, seconded, and unanimously passed, the following resolution was adopted:

WHEREAS, the Colorado School of Mines as a part of its facilities has a new Graduate and Professional Center; and

WHEREAS, in order for the Colorado School of Mines to effectively use its new Graduate and Professional Center, as well as other of its facilities, it is deemed necessary in the interest of the Colorado School of Mines, its students and any other members of the general public having use of the facilities of Colorado School of Mines to acquire a certain tract of land to be used in conjunction with the new Graduate and Professional Center, as well as other facilities of the School of Mines, said tract of land being described as follows:

The lots 7, 8, 9, 10, 11 and 12, Block 60 on the south side of Clear Creek, in the City of Golden, County of Jefferson, State of Colorado

WHEREAS, a quorum of the Board of Trustees of the Colorado School of Mines being present at this meeting held on this 4th day of September, 1970;

✓  
 Thru  
 Reimer  
 C. B.  
 H. B. Taylor

IT IS HEREBY RESOLVED that the aforesaid tract of land; i.e., Lots 7, 8, 9, 10, 11 and 12, Block 60 on the south side of Clear Creek, in the City of Golden, County of Jefferson, State of Colorado, be acquired in fee simple absolute, by the Board of Trustees of the Colorado School of Mines, State of Colorado, by purchase or by the exercise of eminent domain, through condemnation proceedings, in accordance with law for the use of the said property, in conjunction with the new Graduate and Professional Center of the Colorado School of Mines, and all of its other facilities;

IT IS HEREBY FURTHER RESOLVED, that the Vice President for Business Affairs of the Colorado School of Mines be, and he hereby is, directed to proceed with the acquisition of the aforesaid property by purchase of the properties and if he is unable to acquire the same by purchase, the said Vice President for Business Affairs is directed to request the office of the Attorney General to file such legal proceedings, as may be deemed necessary to acquire the title to said property by eminent domain proceedings.

Monthly Reports. Mr. Steinhauer distributed copies of the monthly reports as follows: Balance Sheet, Education and General Fund, as of August 31, 1970; Self-Maintaining Properties, Balance Sheet, Dormitory System Fund, Properties Pledged to Secure CSM 1962 Open-End Bond Issue, as of August 31, 1970; Self-Maintaining Properties, Balance Sheet, CSM Housing System Fund, Properties Pledged to Secure CSM 1966 Bond Issue, as of August 31, 1970; Self-Maintaining Properties, Balance Sheet, Properties Pledged to Secure CSM 1955 MPA Bond Issue, as of August 31, 1970; Self-Maintaining Properties, Balance Sheet, Colorado School of Mines Houses #2, as of August 31, 1970; Source of Funds, Restricted for Scholarships and Grants, as of August, 1970; Source of Funds, Restricted for Scholarships and Grants, as of August, 1970; Agency Fund, Source of Funds, August 31, 1970; Summary for Budget Appropriations and Disbursements, August 31, 1970; Budget Summary for Open End 1962 Bond Issue, August 31, 1970; Budget Summary for 1966 Bond Issue, August 31, 1970; Budget Summary for Mines Park and CSM Houses No. 1, August 31, 1970; Budget Summary for State Rental Properties, August 31, 1970; Budget Summary for CSM Athletic Association, August 31, 1970; Budget Summary for Health and Accident, August 31, 1970; and the Budget Summary - Associated Students of CSM, August 31, 1970.

RECORD OF PROCEEDINGS

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Resolution - Dr. Truman H. Kuhn. It was moved, seconded, and unanimously passed that the following resolution be adopted:

WHEREAS, Dr. Truman H. Kuhn, Vice President for Administrative Affairs, was appointed Interim Chief Executive Officer, effective June 11, 1970, to serve until a President was appointed; and

WHEREAS, Dr. Kuhn did thus serve, willingly accepting the responsibility for the operation of the School; and

WHEREAS, Dr. Kuhn carried out his assignment in an admirable and efficient manner, always adhering to the code of a gentleman;

THEREFORE BE IT RESOLVED, That the members of the Board of Trustees, being fully aware of the contribution Dr. Kuhn made, wish to express to Dr. Kuhn their appreciation and their high regard for the manner in which he fulfilled his responsibilities; and

BE IT FURTHER RESOLVED, That a copy of this resolution be transmitted to Dr. Kuhn.

The meeting adjourned at 1:15 p.m.

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Secretary

September 4, 1970

## RECORD OF PROCEEDINGS

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The Board of Trustees met in executive session at 9:00 a.m. on October 9, 1970.

CCHE Position on Nonresident Students. In answer to a letter and draft memorandum from the Colorado Commission on Higher Education proposing certain limitations on the admission of nonresident students, President McBride had prepared a draft answer and distributed copies for the consideration of the Board.

The members of the Board were of the opinion that we should prepare a more forceful reply to the letter, emphasizing the unique position we hold in the educational structure of the State of Colorado. The Board instructed Dr. McBride to draw attention, as he had done, to the fact that we can accommodate more students with existing physical facilities; and because there is a definite limit to the Colorado students who are attracted to the highly specialized and arduous curricula offered here, the School is not operating at top efficiency or top potential as long as we must limit the admission of out-of-state students to a prescribed percentage equal to that now prevailing. ✓

President McBride said he would rewrite the letter and mail out copies to the members before sending it to Dr. Abbott.

ROTC. President McBride brought to the attention of the Board that for the fall semester there were 119 sophomores enrolled for ROTC.

It was the consensus of the Board that even though this was considerably fewer than the 150 mentioned in the policy statement of last March, the crux of the policy established was that there be enough men continuing in the program to yield a strong Corps of Engineers to the advanced program. Hence it was not deemed necessary to take any position or action at this time. ✓

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Assistant Secretary



## RECORD OF PROCEEDINGS

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President McBride very general guidance and restated the position previously taken that the Commencement speech did not automatically insure the granting of an honorary degree. However, it had generally developed that anyone invited to give the Commencement speech was a worthy recipient of an honorary degree. ✓

Proposed Name for Girls' Dormitory. President McBride distributed copies of a request from the girls living in the girls' dormitory that the building be named after the first woman who had ever received a degree from Mines, Florence Caldwell. Miss Caldwell had received the degree of Civil Engineer in 1898. ✓

President McBride said he had checked the matter with the Alumni Association office and with the Vice President for Development and Student Affairs and both offices considered it proper that the building be so named.

Upon motion made, seconded, and unanimously passed, the Board approved naming the girls' dormitory Florence Caldwell Hall.

Budget Hearings. President McBride distributed to the members of the Board the schedule of the various School budget hearings. We had submitted our budget as requested on September 1. On October 13, the School will have the opportunity to meet with the Commission staff for discussion of their suggested revisions to our budget which now, in effect, provide for no increase over the 1970-71 funding level. On October 21, we have our budget hearing before the Commission; and on October 30, we appear before the Executive Budget Office staff to defend the budget.

The Board reaffirmed the position taken earlier that our budget must be honest and defensible in a straightforward manner, regardless of the method used by other schools. It must be emphasized that we have goals to accomplish, goals which we assumed the Commission has approved, and we must have the means by which these goals can be accomplished.

Mr. Steinhauer entered the meeting at this time.

Monthly Reports: Mr. Steinhauer presented the Balance Sheet prepared in a different way which met with Board approval. He also presented the following: Summary for Budget Appropriations and Disbursements, as of September 30, 1970; Budget Summary for Open End 1962 Bond Issue, as of September 30, 1970; Budget Summary for 1966 Bond Issue, as of September 30, 1970; Budget Summary for Mines Park and CSM Houses No. 1, as of September 30, 1970; Budget Summary for State Rental Properties, as of September 30, 1970;

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Budget Summary for CSM Athletic Association, as of September 30, 1970; Budget Summary for Health and Accident, as of September 30, 1970; Budget Summary - Associated Students of CSM, as of September 30, 1970; and the Budget Summary of Office of Research Services, as of September 30, 1970.

Mr. Steinhauer told the Board that the Business Office would need the information being furnished regardless of whether the Board needed the information.

Corporate Resolution. Upon motion made, seconded, and unanimously passed, the following resolution was adopted:

RESOLVED, That Guy T. McBride, Jr., President, or Gurnett Steinhauer, Vice President for Business Affairs and Treasurer, each are hereby authorized, directed, and appointed as attorneys in fact for this corporation to sell, assign, and transfer the whole or any part of the capital stock of all corporations presently held or hereinafter acquired in the name of the Colorado School of Mines; and

FURTHER RESOLVED, That all previous authorizations for signatures for the transfer of stock held in the corporation's name are revoked effective October 1, 1970.

The meeting adjourned at 12:15 p.m.

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Assistant Secretary

## RECORD OF PROCEEDINGS

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The Board of Trustees met in executive session at 9:00 a.m., November 13, 1970.

School Calendar. President McBride reported that there had been much discussion among the faculty, students, and administration about a possible change in calendar to an early term plan. He was of the opinion that one of the advantages of an early semester plan particularly is to give an opportunity to do something significant in the way of an all-school humanities symposium. Dr. McBride said he did not believe that a change to the early semester system would impede our eventual change to the quarter system, should that be the final decision.

Code of Conduct. Mr. Bradley reported that a member of his staff had researched the legal aspects of the Student Code of Conduct now in effect. Mr. Bradley left a copy of a revised statement of conduct. This revised statement is to be duplicated and mailed to each member of the Board for further study and consideration at a later date.

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Secretary

## RECORD OF PROCEEDINGS

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Golden, Colorado  
November 13, 1970

The Board of Trustees met in regular session on November 13, 1970, at 9:30 a.m., in the Presidents Room of the Ben H. Parker Student Center.

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

Absent: Mr. Stockmar.

Mr. Volk, Vice President of the Board, presided.

President McBride attended the meeting.

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

Previous Minutes. The minutes of the meeting held on October 9, 1970 were approved.

New Faculty Appointment. President McBride reviewed for the information of the Board the following new appointment to the faculty:

Robert Stanley Rickard                      \$800 for fall semester  
Adjunct Assistant Professor of Metallurgical  
Engineering

Presidents Association Meeting. President McBride reported to the Board on the meeting held on November 4, 1970. President Thieme of the University of Colorado expressed the intent to effect the changes necessary to have the Regents of the University appointed by the Governor. He also indicated that he fully expects a bill to be introduced into the next session of the legislature to bring all four-year colleges and universities under one governing board. President McBride reported to the Board that he had informed Dr. Thieme that the Colorado School of Mines could not favor such a plan. ✓

Budget Hearings. President McBride reported on the hearing before the Executive Budget Office staff held November 10. The question was raised by the Executive Budget Office staff as to the attitude of the Board with regard to raising tuition for the 1971-72 school year. They expressed the desire to be able to tell the Governor how much more tuition money can be expected so that he can take that into consideration in his budget message and recommendations for the long bill. The Budget office suggests that the schools announce in advance that tuition is going to be a fixed percent of per student cost of the total budget, and they asked our reaction to these two proposals.

November 13, 1970

President McBride said he would bring to the next meeting a schedule of possible tuition increases, with estimated incomes, for the Board's consideration. In the meantime, President McBride was instructed to reaffirm our intention to increase tuition gradually to meet the increasing costs, recognizing that the institution must bear its share of the increasing cost of education. It was emphasized, however, that the Trustees must retain the right to set tuition and that the Trustees do not favor any proposal having the effect of establishing tuition in advance, though we do understand and appreciate the situation the State budget offices are faced with.

President McBride was instructed to inform the Executive Budget staff that we are amenable to an increase in tuition and would have specific information on an increase after the December Board meeting.

Head of Geophysics Department. President McBride distributed copies of a letter he was proposing to be sent to friends of the School asking for recommendations for the position which will be left vacant upon the retirement of Professor Hollister at the end of the 1971-72 school year. President McBride invited the members of the Board to submit names of those to whom the letter should be sent. He stated he would seek the advice of the Board when the initial review and elimination had been made from the names received for consideration.

The Board approved the letter and plan President McBride was proposing.

School Calendar. President McBride reported to the Board the results of the current calendar considerations. He said that on contemplative review and on the assumption that field camp dates will not be administratively specified but will be set by the department involved, it appears that the sole identifiable significant disadvantage of an early semester plan is the loss to field work of the first two weeks of September.

He reported further that it was his judgment, in which the administrative staff concurred, that this disadvantage should be accepted in order to achieve (1) the educational advantage of a one-piece term, and (2) the campus morale advantage of concurring, for good reason, to the due process recommendation of students and faculty.

A secondary advantage, which may turn out to be the most important of all, is the opportunity to schedule at the end of an otherwise perhaps overlong Christmas vacation, before second-term classes begin, a campus-wide humanities symposium. A definite schedule for Spring 1972 will be established once a decision has been made on this.

Accordingly, he recommended to the Board that it permit and direct the Administration to establish, on a trial basis, an early semester calendar for the academic years 1971-1972 and 1972-1973, it being the intention of the Administration (1) to establish a second-term opening date consonant with any intersession program later adopted and summer session dates to attract maximum attendance, and (2) to permit each department offering a summer camp to establish its own dates of opening and closing subject to meeting the requirements of the Curriculum Committee.

Upon motion made, seconded, and unanimously passed, the Board approved the plan to work up a calendar for an early semester to be put into effect as soon as possible, hopefully with the fall semester of 1971, pending consideration and decision with regard to the quarter system, should the present faculty-student committee be able to come up with a workable plan.

Commencement Speaker. President McBride reported that through the good offices of Mr. Alexander, Dr. Monroe Spaght had agreed to serve as Commencement speaker for 1971. Dr. Spaght up until very recently had been head of the entire Shell Companies operations, headquartered in London. Dr. McBride said he would recommend to the Board at a later date a proper honorary degree to be awarded to Dr. Spaght.

Student Fees. President McBride reported to the Board that the Student Council is preparing a request for an increase in the student fees. He reported that he had not received any communication from the Student Council but had seen the letter in The Oredigger addressed to the Board requesting such an increase. The members of the Board said they had not seen anything except the letter in the student newspaper. President McBride said he intended to request a well documented case, including the present budget and a budget showing the effect of an increase in student fees. It was mutually agreed that the School does have an obligation to oversee the expenditure of monies collected, without choice, from the students.

Moving the Computing Center. President McBride said that, as requested by the Board in September, he had sought information on the costs of moving the Computing Center from its present location in Hill Hall to the new Graduate and Professional Center. He reported that obviously if we did not finish the area set aside for the computer in the new building, we could save some money. But if we do finish the area as it was designed to be and as we have money to do, the extra cost of moving will be approximately \$10,000. If the computer is left where it is at the present time, it will cost approximately that much to hardwire the geophysical work into the computer and to finish some basement sections of Hill to serve as student and faculty work areas.

## RECORD OF PROCEEDINGS

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It was moved, seconded, and passed that the Computing Center be moved to the Cecil H. and Ida Green Graduate and Professional Center. ✓

Recruitment of Students. President McBride reviewed the enrollment situation for the Board. We now have 1,727 students, 1,325 of which are undergraduates. Mr. Burdick, Director of Admissions, feels that we are at the point of severely diminishing returns with regard to Colorado recruitment. Since we do have space in our present classroom facilities for several hundred more students, these new students must come from out of state. The President proposed, after discussions with his administrative staff, that we work up a strong recruitment program with our alumni, actively seeking quality nonresident students for Mines. Some additional money would be required, travel funds for Mr. Burdick for instance, but unit cost per student will decrease. The President asked for Board approval to follow through on such a recruitment drive. ✓

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

Centennial Plans. President McBride had mailed to each member of the Board a copy of the report made by the committee in charge of planning for the centennial. President McBride's specific question of the Board was should the centennial planning be tied in with fund raising. The answer from the Board was that it should. ✓

President McBride asked the President of the Board to appoint a member, or members, of the Board to work with representatives of the administration to begin the planning. The Board agreed that this should be done.

Mr. Steinhauer entered the meeting at this time.

Contract - Electrical Distribution System. Mr. Steinhauer reported that bids had been opened for the Phase 2 of the electrical distribution system. The low bidder was Collier Electric Company in the amount of \$49,800. ✓

Upon motion made, seconded, and passed, the contract was accepted and signature on behalf of the School was authorized.

Monthly Reports. Mr. Steinhauer distributed and reviewed the monthly reports as follows: Balance Sheet, as of October 31, 1970; Summary for Budget Appropriations and Disbursements, as of October 31, 1970; Budget Summary for Open End 1962 Bond Issue, October 31, 1970; Budget Summary for 1966 Bond Issue, October 31, 1970; Budget Summary for Mines Park and CSM Houses No. 1, October 31, 1970; Budget Summary for State Rental Properties, as of

## RECORD OF PROCEEDINGS

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October 31, 1970; Budget Summary for CSM Athletic Association, October 31, 1970; Budget Summary for Health and Accident Plan, October 31, 1970; Budget Summary, Associated Students of CSM, October 31, 1970; Overhead Income, Office of Research Services, October 31, 1970; and the Contract Income, Office of Research Services, as of October 31, 1970.

The meeting adjourned at 12:15 p.m.

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Secretary

November 13, 1970

## RECORD OF PROCEEDINGS

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Golden, Colorado  
December 11, 1970

The Board of Trustees met in regular session at 8:30 a.m., on December 11, 1970, in the Presidents Room of the Ben H. Parker Student Center.

Present: Messrs. Bradley and Stockmar.

Absent: Messrs. Alexander, Eisenach, and Volk.

In the absence of a quorum, the meeting was for discussion only and all decisions made were known to be tentative and therefore subject to subsequent approval or disapproval of the Board in official session.

President McBride attended the meeting, as did also Mr. Steinhauer.

Mr. Stockmar, President of the Board, presided.

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

Previous Minutes. The minutes of the meetings held on October 9, 1970 and November 13, 1970 were approved as amended.

Tuition. There was extended discussion on the matter of tuition increase. Note was taken of the proposals by the CCHE and the Executive Budget Office to establish one uniform tuition for Colorado residents and a second uniform tuition for nonresidents at all State universities including CSM. Other uniform tuition levels were proposed for State four-year colleges and for State community colleges. Mention also had been made by certain State agencies that a fixed formula be established for increasing tuition at all State schools; e.g., 25 percent of last year's unit FTE cost for residents and 95 percent of last year's FTE cost for nonresidents. ✓

Accordingly, the Executive Budget Office had recommended that Mines' tuition be increased, effective with the 1971-72 school year, to \$375 for residents and \$1,427 for nonresidents. Mr. Steinhauer recommended, and President McBride concurred in the recommendation, that we increase our tuition to \$400 for resident students and \$1,300 for nonresident students, effective next school year. It was felt that such an increase would be consistent with our historical record of increasing tuition but not

so precipitously that a severe hardship would be worked on students presently enrolled and those about to enter. President McBride expressed the opinion that if Mines proceeded under a plan of more gradual increase than that recommended by State agencies, it appeared feasible, by recruiting new nonresident students and retaining more students presently enrolled, to attain an enrollment of 2,000 by 1974.

Board members and school administrators alike expressed the opinion that if we are allowed to follow the plan which we feel is more reliable in light of our past experience, we shall more certainly move toward Option 3 of the Borgmann report. In this event we might well be in the position not only to have nonresident students pay full cost - rather than 95 percent recommended by State agencies - but we might very well surpass that amount. If the State wishes to establish a uniform tuition for resident students, we shall accommodate to that. But we must be allowed time to build on our past experiences of gradual increases in tuition, along with increased recruitment and improved motivation and retention of students once enrolled. Thus we must have flexibility, rather than be tied to a rigid formula which may prove disastrous in the long run. ✓

President McBride was authorized to present the above as the considered view and intended actions of the Board at the Joint Budget Committee hearing on December 18.

New Faculty Appointments. President McBride reviewed for information two appointments made to the faculty:

Walter H. Dumke \$1,000  
 Temporary appointment, November 23, 1970 to  
 January 1, 1971

Karl R. Newman 14,500  
 Associate Professor of Geology (NSF GeoSciences  
 Development Grant) (to begin August 1, 1971)

Mr. Stockmar expressed the desire that in the consideration of new appointments to the faculty some thought be given to whether or not the person being considered had the ability and was willing to help in improving our approach to the humanities. He felt this was very important if we are ever to achieve our goal of turning out well educated engineers. ✓

Honorary Degree to Dr. Spaght. The members of the Board present reviewed and approved in principle the granting of an honorary degree of Doctor of Engineering to Dr. Spaght at Commencement, 1971. This action is to be ratified by the Board at a later official meeting. ✓

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Distinguished Achievement Medals. President McBride reported to the members of the Board that the committee which had been appointed to screen candidates and gather information on possible candidates had delivered to him data on all candidates for whom written recommendations had been received.

Mr. Stockmar appointed Mr. Volk and Mr. Eisenach as a committee to study the information gathered and make recommendations to the Board at the January meeting on recipients for the 1971 Commencement.

It was also directed that the Committee for Review of Candidates for Distinguished Achievement Medal, made up of Messrs. Crabtree, Fertig, and Warren and Professors Hollister and Hayes, be maintained as an active committee with the request that by next year they will have gone through the Mines Alumni Directory and obtained names, with all possible supporting information, on all alumni who appear to be worthy recipients of the Distinguished Achievement Medal. ✓

January Presentation of Diplomas. President McBride called the attention of the Board to the program being planned for the presentation of diplomas earned at the end of the present semester. This presentation is being planned for January 21, 1971, and Mr. Stockmar said he would either be present or appoint another member of the Board to represent him at the ceremony.

Calendar. The final calendar for 1971-72 was distributed.

Directive from Executive Budget Office. Mr. Steinhauer read to the Board a memorandum he had written to President McBride wherein he relayed a telephone message from a member of the Executive Budget Office staff that, at the request of Governor Love, our legislative appropriation for the current fiscal year be reduced by 1 percent, in addition to the \$16,833 cut representing 25 percent of our Salary Act Allocation, or a total cut of \$52,433. President McBride expressed the opinion that he did not feel it would constitute acceptable stewardship on his part for him to accept this without determining the authority and source of such a directive. The Board agreed that it would be appropriate to contact the Governor directly, if necessary, to ascertain the validity of the telephoned information received from the Executive Budget Office. ✓

Faculty Leaves. President McBride reviewed two requests for sabbatical leave recommended by Dr. Schlechten. The matter was tabled until the January meeting.

Monthly Reports. Mr. Steinhauer distributed but did not review the monthly reports as follows: Balance Sheet,

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## RECORD OF PROCEEDINGS

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as of November 30, 1970; Summary for Budget Appropriations and Disbursements, as of November 30, 1970; Budget Summary for Open End 1962 Bond Issue, November 30, 1970; Budget Summary for 1966 Bond Issue, November 30, 1970; Budget Summary for Mines Park Additon and CSM Houses No. 1, November 30, 1970; Budget Summary for State Rental Properties, November 30, 1970; Budget Summary for CSM Athletic Association, November 30, 1970; Budget Summary for Health and Accident Program, November 30, 1970; and Budget Summary - Associated Students of CSM, November 30, 1970.

The meeting adjourned at twelve noon.

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Assistant Secretary

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PRESIDENT'S OFFICE

December 11, 1970

RECORD OF PROCEEDINGS

Golden, Colorado  
December 11, 1970

The Board of Trustees met in regular session at 8:30 a.m., on December 11, 1970, in the Presidents Room of the Ben H. Parker Student Center.

Present: Messrs. Bradley and Stockmar.

Absent: Messers. Alexander, Eisenach, and Volk.

In the absence of a quorum, the meeting was for discussion only and all decisions made were known to be tentative and therefore subject to subsequent approval or disapproval of the Board in official session.

President McBride attended the meeting, as did also Mr. Steinhauer.

Mr. Stockmar, President of the Board, presided.

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*Insert 1*

<sup>no #</sup> Accordingly, the Executive Budget Office had recommended that Mines' tuition be increased, effective with the 1971-72 school year, to \$375 for residents and \$1,427 for nonresidents. Mr. Steinhauer recommended, and President McBride concurred in the recommendation, that we increase our tuition to \$400 for resident students and \$1,300 for nonresident students, effective next school year. It was felt that such an increase would be consistent with our historical record of increasing tuition but not

(2)

so precipitously that a severe hardship would be worked on students presently enrolled and those about to enter; *and further* President McBride expressed the ~~opinion~~ that if Mines proceeded under a plan of more gradual increase than that recommended by State agencies, it appeared feasible, by recruiting new nonresident students and retaining more students presently enrolled, to attain an enrollment of 2,000 by 1974.

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Assistant Secretary

December 11, 1970