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RECORD OF PROCEEDINGS

Golden, Colorado
January 10, 1975

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

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

Absent: Messrs. Alexander and Eisenach.

President McBride, Dr. Alter (consultant), Mr. Scott, and Mr. Welles attended the meeting.

Mr. Stockmar, President of the Board, presided.

Previous Minutes. The minutes of the meeting held on December 13, 1974 were approved.

New Faculty Appointments. President McBride reviewed the new appointments to the faculty as follows:

Dennis E. Drayer	\$1,500
Adjunct Associate Professor of Chemical and Petroleum-Refining (second semester)	
Thomas A. Sladek	1,500
Adjunct Associate Professor of Chemical and Petroleum-Refining (second semester)	
Charles Vestal	1,500
Adjunct Associate Professor of Chemical and Petroleum-Refining (second semester)	

Revision of S.271 (1973). As a follow-up to the discussion at the December 13 Board meeting, Mr. Bradley distributed copies of suggested wording for legislation which would supplant S.271 (1973) concerning gifts made to higher education institutions. The wording contained in S.271 (1973) is not considered effective from our point of view. The wording as composed by Mr. Bradley would require that all endowments, gifts, and bequests made to any state institution, and income therefrom, be disregarded in preparing the appropriation for the support of said institution.

Higher Education Collective Negotiations Bill. The Board having on hand in the meeting material copies of a new draft of a "Higher Education Collective Bargaining Bill" under date of January 8, 1975, President McBride introduced the discussion thereon by stating first that the redraft was the work of Adjunct Associate Professor Earl Madsen, who was present to explain the important features of the new document, and second, that he and

Professor Madsen had attempted in this redraft to meet the problems which seem to them inherent in the draft of November 25, 1974.

Professor Madsen then reviewed the bill in outline form, laying stress upon the following features: (1) The bill embodies many actual provisions of the Colorado Labor Peace Act rather than creating a separate new labor board, (HEERB - Higher Education Employees Relations Board). (2) The bill provides the right to strike. Earlier drafts prohibited strikes and provided automatic binding arbitration in the event of impasse. (3) The parties may in the event of impasse, jointly agree to binding arbitration, the outcome of which must coincide with the final offer of either the employer or the union.

Board members raised significant questions about the nature of the bargaining unit which might thereby be created on this campus, about the wisdom of writing into the bill that faculty workload is negotiable, and about the relationship between negotiable and negotiated settlements and the School's fiscal capability as the latter might be augmented by legislative action.

Upon questioning, President McBride indicated to the Board that he felt it had, aside from working to defeat any and all such bills, three alternatives: (1) to take no action; that is, to espouse no bill, but thereafter to attempt favorably to influence the provisions of the one or more public employee collective bargaining bills expected to be introduced into the 1975 General Assembly. It might, for example, be possible to exclude from the bill's purview either higher education in general or CSM in particular. (2) to support the draft bill of January 8 with editorial changes in every possible way, including for example discussing it with the Governor's Office and even seeking to have it introduced as a separate higher education bill, or (3) to adopt the January 8 draft bill, with suitable editorial changes and after careful consideration of faculty opinion input, as a policy of the Board, thus both demonstrating leadership and concern for faculty needs and forestalling Mines being included in any statewide bill.

There ensued a lengthy and spirited discussion on the question of what action, if any, the Board should take. Much of the discussion centered on the point that, considering unionism to be inimical to the best interests of higher education generally and of faculty in particular, how could the Board take any action to further any bill permitting or encouraging faculty collective bargaining without in some part diluting its opposition to unionism.

During, and as a part of these considerations, specific reference was made to the S.271 discussion earlier in the meeting, and several of the Trustees voiced the opinion that if S.271 could be amended as proposed, then supplementary salary funds could be made available in a measure sufficient to dispel any impetus to faculty unionization.

Finally, the Board reached an informal consensus on the following instructions to the President: (1) to work with Professor Madsen to perfect editorial and other changes in the bill to the end of having it available in good form for any use subsequently indicated to be desirable; (2) to take, or to permit to be undertaken, no overt action that would bring the existence of this particular draft bill or of its salient features to state executive and legislative leaders until such time as in the judgment of the President required to be divulged to implement (3) below; (3) to prepare, in the first instance, to oppose any legislation which would permit CSM faculty union organization, seeking as a responsible alternate to be excluded generally or by name, and in the second instance to seek to have included in any public employee collective bargaining bill which after all does include CSM the essential provisions of the instant draft.

Admissions Applications. President McBride reviewed the status of admissions applications as of the first of the year. Although the data reflect a very early stage of the admissions process, applications are running well ahead of last year, and it is possible that new student enrollment will equal or surpass the increased number of Fall, 1974.

Budget Hearing. President McBride and Mr. Scott reported on the progress being made to implement changes in answer to criticisms made by the State Legislative Audit Committee, the Joint Budget Committee having gone on record as being interested in how such criticisms are being handled. Mr. Scott was asked to furnish Board members with copies of the periodic reports he is making to the Audit Committee.

On December 5, Senator Joe Shoemaker, Chairman, JBC, addressed a letter to President McBride asking for specific answers to questions in four areas of productivity and unit costs. A discussion on the general budget presentation was held and suggestions were made of items to be included. In view of the fact that only one hour is scheduled for the budget hearing, it was recognized that it would be very difficult to present out case adequately. Dr. Fogarty offered the services of his staff for any assistant which the School needs.

Monthly Financial Reports. Mr. Scott distributed the monthly reports as follows: Summary of Budgets, as of December 31, 1974; Budget Summary for the Education and General Fund, as of December 31, 1974; Budget Summary, Dormitory System Fund, December 31, 1974; Budget Summary, Housing System Fund, December 31, 1974; Budget Summary, Rental Properties Fund, December 31, 1974; Budget Summary, Health and Accident Fund, December 31, 1974; Budget Summary, Intercollegiate Fund, December 31, 1974; Budget Summary, Office of Research Services Contract Fund, December 31, 1974; Budget Summary, Associated Students Fund, December 31, 1974; Budget Summary, Colorado Energy Research Institute, December 31, 1974; Budget Summary, Publications Fund,

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December 31, 1974; Budget Summary, Special Programs Fund, December 31, 1974; and the Budget Summary, Public Service Fund, as of December 31, 1974.

CSM Investment Summary. Mr. Scott asked for instructions on the \$200,000 CD's due February 13, 1975. He was instructed to reinvest them for now.

The meeting adjourned at 12:45 p.m.

Assistant Secretary

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RECORD OF PROCEEDINGS

Golden, Colorado
February 14, 1975

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

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

Mr. Stockmar, President of the Board, presided.

President McBride, Dr. Alter (consultant), and Vice Presidents Gary, Scott, and Welles attended the meeting.

Previous Minutes. The minutes of the meeting held on January 10, 1975 were approved.

New Faculty Appointments. Dr. Gary reviewed faculty appointments made for the second semester as follows:

Robert M. Baldwin	\$2,700
Half-time Instructor in Chemical and Petroleum-Refining	
David M. Butler	7,125
Assistant Professor of Geophysics	
Carol V. Dickinson	4,500
Part-time Instructor in Humanities and Social Sciences	
Larry R. Fisher	6,000
Part-time Instructor in Humanities and Social Sciences	
Margaret Ann Gall	6,000
Part-time Instructor in Humanities and Social Sciences	
Niles E. Grosvenor	1,200
Adjunct Professor of Mining Engineering	
Lloyd J. Hendricks	6,000
Visiting Assistant Professor of Chemistry	
Joan R. Hundhausen	3,000
Adjunct Assistant Professor of Mathematics	
William D. Lansdown	2,000
Adjunct Associate Professor of Basic Engineering	

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Norma F. Law	\$4,000
Adjunct Assistant Professor of Mathematics	
Richard I. Mayes	6,000
Part-time Instructor in Humanities and Social Sciences	
Patricia A. Roucis	3,000
Part-time Instructor in Humanities and Social Sciences	
Edward E. Starkey	no compensation
Adjunct Lecturer in Mineral Economics	
Everett W. Stoub	6,000
Instructor in Physics	
Dexter Strawther	5,500
Adjunct Assistant Professor of Mathematics	
John L. Wray	1,700
Adjunct Professor of Geology	
R. Gerald Wright, Jr.	no compensation
Adjunct Lecturer in Mineral Economics	

Budget Hearing. The Board reviewed and discussed the proceedings of the Mines budget hearing of the prior day, February 13. President McBride and the members of the administration were instructed to continue to deal directly with members of the Joint Budget Committee to provide needed information, especially information on comparable faculty salaries.

Collective Bargaining. President McBride reported that, as instructed at the last meeting, an updated version of the bill especially suitable to the needs of the Colorado School of Mines has been prepared. Mr. Bradley indicated his firm was in daily contact with events in the legislature and would keep President McBride informed on what is happening on the four collective bargaining bills which have been introduced.

S.271 Amended. Mr. Bradley said that as instructed at the January Board meeting, he wrote a new bill to amend in part S.271 (1973) and that this bill of amendment has been introduced in the Senate by Senator Les Fowler. It will be carried in the House by the Chairman of the Education Committee, Representative Leo Lucero.

Mr. Stockmar indicated there may be some controversy over a matter we understand well and have dealt with for years, the matter being that of residual financial obligations accruing to the State when gifts are accepted. We do not and cannot fault the concern

of the legislature on this point, and we are well aware of the legislative prerogative to approve anything that requires additional state funding. We should not neglect to inform the legislature of our awareness of the possible liability and our measures to prevent added expense to the State because of gifts accepted. Distinction must be made between capital gifts and unrestricted gifts, and it should be made plain in S.271 (Amended) that we are seeking a license to procure supplemental funds to guarantee the quality of our educational program. We should go on record as being fully cognizant and supportive of the right of the legislature to continue its review of projects not fully supported and of its right, absent prior concurrence, to insure that no material burden will be placed on the state thereby. This concept is explicit in the present version of S.271.

The opinion was expressed that other state colleges and universities might be interested in supporting this amended bill.

Admissions. Dr. Culver, who had entered the meeting, undertook to review the status of admissions applications as of February 12. He said that due to the increased interest, we are being a little more selective in granting admissions. In the past, if a student met minimum qualifications, we immediately granted admission. Now, if we get applications from students who appear marginal based on seven semesters of high school performance and college board tests which show minimal results, we are telling the prospective students we wish to review their applications on the basis of further information, i.e. last semester of high school work and/or another college board test.

The reason for the tightening up is housing and faculty limitations. We do have budgeted for 1975-76 a total of 70 additional freshmen students (over 1974-75).

1985 → Dr. Alter raised the question of whether we should change the target date for 3,000 students from 1983 to perhaps 1979. It was generally agreed that a target date had been chosen arbitrarily and was certainly subject to constant review and change.

Concern was expressed that we keep abreast of changing conditions and be certain we are not educating students for disciplines in which there are no jobs. President McBride said we do all we can to keep current by studying the statistics published by the National Manpower Commission and others, but he recognized it was a continuous problem area.

Cooperative Education. President McBride distributed a memo which had been prepared to summarize very preliminary findings and recommendations on cooperative education. He said he was handing the memo out for information only and would have the matter on the agenda for the March meeting.

Mr. Coors suggested that if we want advice on the subject, perhaps he could get Mr. Charles Tutt, retired director of the General Motors Technical School, to give us the benefit of his experience.

U.S.G.S. Building. President McBride reported that we have negotiated a proposal which will enable us to pay off a building in 20 years, the government having the right to occupy it another 10 years; then the building will belong to the School.

President McBride recommended that the administration be instructed to proceed with the building program. The Board instructed the administration to obtain bids on the financing from Boettcher, Gerwin and Company, and Kirchner, Moore and Company. The administration was advised both to check the parking requirements and to explore the construction management concept.

Honorary Degree. President McBride recommended that Mr. Frank Shakespeare, who will give the Commencement address on May 9, be awarded an honorary degree of Doctor of Engineering.

Upon motion made, seconded, and passed, an honorary degree, Doctor of Engineering, was approved for Mr. Frank Shakespeare.

Monthly Financial Reports. Mr. Scott stated that we are operating within the financial plan previously adopted and that there are no items of unusual interest. He distributed the monthly reports as follows: Summary of Budgets as of January 31, 1975; Budget Summary for Education and General Fund, as of January 31, 1975; Budget Summary for Dormitory Systems Fund, as of January 31, 1975; Budget Summary for Housing System Fund, as of January 31, 1975; Budget Summary for Rental Properties Fund, as of January 31, 1975; Budget Summary for Health and Accident Fund, as of January 31, 1975; Budget Summary for Intercollegiate Athletic Fund, as of January 31, 1975; Budget Summary for Office of Research Services Contract Fund, January 31, 1975; Budget Summary for Associated Students Fund, January 31, 1975; Budget Summary for Colorado Energy Research Institute, as of January 31, 1975; Budget Summary for Publications Fund as of January 31, 1975; Budget Summary for Special Program Fund as of January 31, 1975; and the Budget Summary for Public Service Fund as of January 31, 1975.

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Investment Summary. Mr. Scott called attention to the \$200,000 in CD's which are due to expire this week. Mr. Scott was instructed to invest in CD's unless commercial paper was available which was high grade (of the quality of Sears Roebuck). Dr. Fogarty offered the services of his investment experts, should Mr. Scott wish to seek such advice.

The meeting adjourned at 12:00 noon.

Secretary

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RECORD OF PROCEEDINGS

Golden, Colorado
March 14, 1975

The Board of Trustees met in regular session in the Board Room of the Colorado School of Mines at 9:30 a.m., March 14, 1975.

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

Absent: Mr. Alexander and Mr. Reeves.

Mr. Stockmar, President of the Board, presided.

Mr. Stockmar welcomed Mr. Jack J. Grynberg and Mr. Ronald F. Weiszmann, Trustee designates, who attended the meeting as guests.

President McBride, Dr. Alter (consultant) and Vice Presidents Gary, Scott, and Welles attended the meeting.

Previous Minutes. The minutes of the meeting held on February 14, 1975 were approved as corrected.

U.S.G.S. Building. Mr. Scott reported the research and development building for the United States Geological Survey had been approved by the Colorado Commission on Higher Education at its meeting on February 28. The Project Application is now in the hands of the Public Works Division. A choice of financing methods is available and a decision by the Board as to which it wished to pursue was called for to expedite the approvals. The Board is empowered to issue revenue bonds for research and development facilities and could do so for this project. It is also possible under Colorado statute and federal tax law to create a Not-for-Profit Corporation which could issue the necessary bonds and contract with the General Services Administration for the use of the building.

Mr. Scott introduced Mr. Dan Herrington of Boettcher & Company who addressed the potential advantages of the Not-for-Profit Corporation. He described five factors which favor the adoption of such an approach:

1. Use for the present project would establish a good precedent with IRS.
2. The NPC is capable of successfully financing dormitories and similar projects because of its ability to mortgage property. The revenue bond statute allows only the pledge of revenue from the project to secure the bond holders' interest, and it has become very difficult to finance college housing.

3. The NPC allows prompt response to future needs of CSM.
4. The formation of a NPC for this project would provide pattern for accommodation of other agencies seeking reasonable facilities.
5. The NPC is a flexible vehicle for refinancing outstanding issues, which is not provided for under the revenue bond statute.

The disadvantages are that approval by the IRS would require an additional three to six weeks before bonds could be sold, and there would be added expense of the incorporation, estimated to be \$2,500. Discussion followed. ✓

It was moved and seconded that a Not-for-Profit Corporation be established to undertake the financing of future revenue projects for the benefit of the Colorado School of Mines. The motion carried.

The Board delegated to President McBride the authority to choose the financial consultant-underwriter to prepare the financing for the project.

New Faculty Appointment. Dr. Gary reported on the following appointment:

Thomas R. Young	\$1,000
Adjunct Assistant Professor of Mining	

Leave of Absence. Dr. Gary reported that Dr. Thomas R. LaFehr had requested an extension of the leave of absence granted to him for the first semester. This leave, without pay, has been approved by the administration. ✓

1975-76 Budget. The Board members were furnished copies of a draft letter to be sent to the Joint Budget Committee containing the additional salary comparison information requested at the hearing on February 13. Mr. Welles distributed copies of material prepared for a meeting held on March 13, 1975 with alumni of the area. Mr. Welles agreed to make available to Representative Robert Burford additional copies of the budget material for distribution among legislators as the later saw fit.

Admissions Applications. Dr. Gary reported that applications for admission were up 18 percent over this time a year ago. President McBride indicated a tentative goal, consistent with the 1975-76 budget request to enroll a total of 500 new freshmen, or 70 more than a year ago.

Legislation. Copies of the S.281, a new bill pertaining to gifts to education, amending S.271 (1973), were distributed. Mr. Bradley reported that the bill had been referred to the Education Committee of the Senate.

The administration was asked to prepare a summary of the status of various bills affecting the School and to distribute same to local interested alumni and to members of the Board.

St. Joe Minerals Corporation Professorship. President McBride reported that the St. Joe Minerals Corporation has funded a professorship in the Metallurgical Engineering Department at the rate of \$10,000 per year for a minimum of five years. Dr. John Hager has been appointed to this professorship.

Innovative Teaching Grant. President McBride reported to the Board that the Brown Foundation has funded a program to promote innovative teaching. The grant is \$5,000 a year each year for five years.

The Board asked that innovative plans and procedures be implemented if possible and feasible and that reports be published.

Date of April Board Meeting. The date of the April meeting was changed from April 11 to April 4.

Distinguished Achievement Medals. van Diest Gold Medal. Mr. Eisenach, as Chairman of the Selection Sub-Committee, reported that the recommendations of his Sub-Committee, accepted by the Board in camera, were now being announced. Those who were recommended have been notified and have indicated their willingness to accept.

The selections are:

Distinguished Achievement Medal

William W. Little
E.M. 1934

Arthur W. Ruff
E.M. 1949
Geol. E. 1949
D.Sc. 1958

Spencer R. Titley
Geol. E. 1951

John E. Willson
E.M. 1936

van Diest Gold Medal

Martin Clifford Kuhn
Met. E. 1963
M.Sc. 1967
Ph.D. 1969

It was moved, seconded and unanimously passed that the above selections be approved.

Restricted Student Records Policy. President McBride reported that we have been made aware of the requirements by the federal government to adopt and publicize a records procedure which will permit students to have limited access to their records. Distribution was made of copies of a proposed policy to be adopted by the School.

The Board asked that this matter be deferred until the April meeting in order to give members time to study the policy.

Faculty Review Procedure. President McBride asked the Board for approval of the March 14, 1975 draft of the review procedure for faculty termination. This new draft, copies of which were distributed, showed changes President McBride recommends. President McBride said the policy has been discussed at Administrative Advisory Council and the changes, although not completely responsive to faculty input, are, in his opinion, fair.

Upon motion made, seconded, and passed, the statement dated March 14, with changes as noted, was approved for publication in the next edition of the faculty Handbook.

Monthly Financial Reports. Mr. Scott reviewed the monthly reports as follows: Summary of Budgets as of February 28, 1975; Budget Summary for Education and General Fund, as of February 28, 1975; Budget Summary for Dormitory Systems Fund, as of February 28, 1975; Budget Summary for Housing System Fund, as of February 28, 1975; Budget Summary for Rental Properties Fund, as of February 28, 1975; Budget Summary for Health and Accident Fund, as of February 28, 1975; Budget Summary for Intercollegiate Athletic Fund, as of February 28, 1975; Budget Summary for Office of Research Services Contract Fund, February 28, 1975; Budget Summary for Associated Students Fund, February 28, 1975; Budget Summary for Colorado Energy Research Institute, as of February 28, 1975; Budget Summary for Publications Fund as of February 28, 1975; Budget Summary for Special Program Fund as of February 28, 1975; and the Budget Summary for Public Service Fund as of February 28, 1975.

Investment Summary. Copies of the Investment Summary of February 28, 1975 were distributed and discussed briefly.

The meeting adjourned at 12:15 p.m.

Secretary

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RECORD OF PROCEEDINGS

Golden, Colorado
April 4, 1975

In substitution of the regular meeting, the Board of Trustees met in special session on April 4, 1975, at 9:30 a.m., in the Board Room of the Colorado School of Mines.

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

Absent: Messrs. Alexander, Eisenach, and Reeves.

Mr. Ronald F. Weiszmann, trustee designate, was a guest at the meeting.

President McBride, Dr. Alter (consultant), Vice Presidents Gary, Scott, and Welles, and Dean Copeland attended the meeting.

Mr. Stockmar, President of the Board, presided.

Previous Minutes. The minutes of the meeting held on March 14, 1975 were approved.

U.S.G.S. Building. Mr. Scott reported that following the Board meeting on March 14, he and President McBride interviewed three financial consultants and chose the firm of Gerwin and Company. Bond counsel has been retained by Gerwin and the project is proceeding through the state and GSA channels.

Mr. Weiszmann expressed the opinion that an independent analysis should be made as to whether the project as planned is really going to prove to be a benefit to the School. He also suggested that the financial arrangements as now planned, i.e. tax-free bonds, might be more costly to the School and to GSA than a tax shelter investment by a major investor or investor group.

Mr. Stockmar and President McBride answered that, in their opinions, the real benefit to the School was not in the investment arena but in the educational benefits of the interplay between the U.S.G.S. and CSM. The chief reason for the establishment of this branch of the U.S.G.S. on campus is to bring about closer liaison among the departments of seismic research, our Department of Geophysics being a major center for this seismic work.

The matter of parking was discussed and it was concluded that for the time being sufficient parking is planned to be provided and future needs can best be provided as needed, rather than prior to established need.

CSM Audit. President McBride and Mr. Scott reviewed briefly the status of our compliance with the recommendations of the Legislative Audit Committee. As for some time, the difficulty is insufficient funding to implement the changes recommended in our accounting procedures. Regret was expressed that bookkeeping systems have in part been funded at the expense of educational programs and capital expenditures. Even though it was recognized such costs are hard to quantify, it was suggested that an attempt be made to chart the past ten years.

Legislation. Mr. Welles reviewed the status of various proposed legislation which affects the School and higher education. He distributed copies of the approximate wording of an amendment to S.381. This amendment was generally approved as being beneficial.

1975-76 Budget. Mr. Stockmar asked if follow-up were being undertaken on the specific request made to us by the Joint Budget Committee to establish Mines faculty salaries vis-a-vis those at 16 comparable mineral engineering schools. President McBride stated that he and Mr. Welles were indeed attempting to be in touch with Mr. Arnold, having already written on this point.

Admissions. Dr. Gary reviewed the status of admission applications at this time. He said if we continue at the present level of admission applications, we shall likely achieve the goal of 500 new freshmen in Fall, 1975.

Dr. Copeland spoke of the Graduate School admissions and said we are up 20 percent in acceptances and 60 percent in rejections. He said an attempt is being made to be more selective and upgrade the caliber of graduate student. He said the desired goal is to have the Graduate School enroll 500 of the total 3,000 student enrollment.

Cooperative Education. Dr. David Matlock of the Department of Metallurgical Engineering spoke to the Board as Chairman of an ad hoc committee composed of students and faculty appointed to propose a tentative scenario for cooperative education at Mines.

The committee did not address itself to the philosophy of the cooperative education concept, only to the means of implementation at the Colorado School of Mines. To focus the matter, guidelines were established based on an earlier memo President McBride wrote dated February 14, 1975. The guidelines consisted of the assumption that a

student will enter the program at the end of his sophomore year, that there will be alternate periods of work and study with a minimum of twelve months of work, the present academic calendar will remain in existence, and that five years will be spent by each student in the program.

Questions were posed as follows: Is the program being considered to enhance the total educational experience of the students? Is the program proposed to make the educational experience more "relevant" and thus add motivation? Or is the program designed rather to be one of mere financial assistance? Is there some combination of these proposals feasible?

The administration was instructed to continue to investigate the subject.

Restricted Student Records Policy. Mr. Stockmar stated that he had studied the federal regulations on the student records policy and had only one suggestion; i.e. add under "Access to Records by Other Parties" another item - "Any other access that may be required under law."

With this one addition to the policy statement dated February 25, 1975, it was moved, seconded, and unanimously passed that the policy be approved by the Board.

George R. Brown Medal. Dr. Fogarty reported that as discussed in camera and postponed pending discussion with the family, the Selection Sub-Committee recommends the awarding of the George R. Brown Medal posthumously to Dr. Francis M. Van Tuyl. At the time of the original Committee study and recommendation, Dr. Van Tuyl was living but died soon afterwards, and the Board felt the family should be consulted before formal presentation was decided upon.

Upon motion made, seconded, and passed, the Board voted to award posthumously the George R. Brown Medal to Dr. Francis M. Van Tuyl at Commencement on May 9, 1975.

Monthly Financial Reports. Mr. Scott distributed the monthly financial statements as follows: Summary of Budgets, July 1, 1974 through June 30, 1975; Budget Summary for Education & General Funds, March 31, 1975; Budget Summary for Dormitory Systems Fund, as of March 31, 1975; Budget Summary for Housing System Fund, as of March 31, 1975; Budget Summary for Rental Properties Fund, as of March 31, 1975; Budget Summary for Health & Accident Fund, as of March 31, 1975; Budget Summary for Intercollegiate Athletic Fund, as of March 31, 1975; Budget Summary for Office of Research Services Contract Fund, as of March 31, 1975; Budget Summary for Associated Students Fund, as of March 31, 1975; Budget Summary of Colorado Energy Research Institute, as of March 31, 1975;

Budget Summary for Publications Fund, as of March 31, 1975; Budget Summary for Special Programs Fund, as of March 31, 1975; and the Budget Summary for Public Service Fund, as of March 31, 1975.

CSM Investment Report. Copies of the CSM Investment Report as of March 31, 1975 were distributed.

Emeritus Status. Mr. Stockmar reviewed the policy on emeritus appointments as amended by the Board at the meeting on April 12, 1975. He stated there is no question that Dr. L. W. LeRoy qualifies under the policy which sets forth 10 years of service, five of which is served as a full professor. Other qualifying standards set forth 30 years of service irrespective of rank. The policy also requires the recommendation of the President. ✓

President McBride recommended to the Board that Dr. LeRoy be named Professor Emeritus.

Upon motion made, seconded, and unanimously passed, Dr. L. W. LeRoy was appointed Professor Emeritus upon his retirement May 9, 1975.

The meeting adjourned at 12:15 p.m.

Assistant Secretary

RECORD OF PROCEEDINGS

Golden, Colorado
May 8, 1975

In substitution of the regular May, 1975 meeting, the Board of Trustees met in special session on May 8, 1975, at 2:00 p.m. in the Board Room of the Denver Club, Denver, Colorado.

Present: Messrs. Bradley, Cools, Eisenach, Fogarty, Stockmar, and newly-confirmed member, Grynberg.

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

President McBride, Dr. Alter (consultant), Vice Presidents Gary, Scott, and Welles, Deans Culver and Copeland attended the meeting.

Oath of Office. Mr. Jack J. Grynberg took the oath of office as a new member of the Board of Trustees.

Previous Minutes. The minutes of the meeting held on April 4, 1975 were approved.

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

George Krauss \$25,000
AMAX Foundation Professor of Physical
Metallurgy

E. Wendy Sloan, Jr. 8,400
Assistant Professor of Chemical and
Petroleum Refining Engineering
(January 1, 1976 to May 7, 1976)
(Salary based on \$15,000 per academic year)

Joseph Finney
Head, Department of Geology

President McBride reported to the Board that Dr. Ramon E. Bisque, Head of the Department of Chemistry who has been on sabbatical leave this school year, has expressed the wish to relinquish the department head position and to return to the faculty either as full-time or adjunct professor. A search for a department head, which will include applicants from the present staff as well as persons not now on the faculty, will be started immediately.

U.S.G.S. Building. Mr. Scott reported that the School has received essentially all the approvals needed at the state level. However, two problems remain,

namely a problem of obtaining allocation of water supply from the City of Golden and the problem which has arisen through our bond counsel receiving negative reaction from the IRS. The question was asked whether an existing corporation could handle the transaction, but there seemed to be definite advantage in establishing a new entity to serve as financial agent for this enterprise.

President McBride said he and Mr. Welles had met with a member of the Joint Budget Committee and that both this member and another member of the Committee had later expressed the opinion that the building was a very logical project for the School to pursue.

Legislation.

S.281. This bill passed the Senate and has been reported out favorably by the House Education Committee. We do not foresee any opposition.

H.B. 1234. The Board discussed the material mailed to them by President McBride regarding the bill.

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

Having in hand a fair copy of HB 1234 (50th General Assembly) engrossed as amended and passed by the House of Representatives on April 24, 1975, the Board of Trustees of the Colorado School of Mines, upon due deliberation and discussion of the provisions of the Bill and substantial relevant documents in reference thereto, does recommend against the enactment thereof into law affecting either major sectors of Colorado public higher education or the Colorado School of Mines in particular.

The Board finds the Bill unsatisfactory for the following reasons:

1. It is, as a point of precedent, a most dangerous foray into university internal affairs, affecting the major matter of proper development and deployment of faculty.
2. It is unneeded at Mines in view of the existence of published due process procedures established by years of practice and intramural interaction.
3. It fails to distinguish in any meaningful way between tenured and non-tenured faculty members. Since it has the effect of granting immediate tenure upon employment, it eliminates the trial period

before tenure for new faculty which is essential to the maintenance and enhancement of quality in education.

4. It provides no distinction at all between dismissal (for cause) and non-renewal (at the end of a contract period).

5. It does not recognize the valid and important differences among universities in internal procedures developed to suit individual institutional size, consist, and mission.

6. It will as a statute be relatively immutable, and change when effected will be legislative change from without the university rather than intramural change resulting from faculty-administration interaction.

7. It excludes peer faculty from the hearing process except as witnesses and has for this principal reason merited the disapproval of AAUP.

8. It establishes seniority, with all its proven potential for adverse effects on teaching and research, as the basis for reductions in force and reappointment.

9. It entails significant direct and indirect costs, incommensurate with the ends to be achieved.

Admissions. Dean Culver reported that applications for admissions continue to climb; we have received a total of 970 applications from freshmen and transfers. The number of persons offered admission is not as high as a year ago due to a more cautious approach with regard to marginal students.

Dean Culver was asked to supply a listing of the graduating seniors and the jobs accepted by them, including the salaries if available. Dr. McBride and Board members could then, by looking at the list of companies involved, indicate which of these companies employing our graduates are located in Colorado, have branches in Colorado, or are serviced by companies in Colorado. Thus substantial proof can be offered to the legislature that our graduates do indeed enter the business life of the state.

Golden Traffic Study. Distribution was made of a study done for the City of Golden, financed by the Adolph Coors Company, of traffic in and around the city.

The study does support our request to close Illinois through the campus.

Board members asked for more time to study the report and no action was taken.

Development Activities. Mr. Welles reported on a proposal submitted to a prospective donor for a new building which would house the Departments of Mining and Basic Engineering. The proposed building is 91,000 square feet at an estimated cost of \$5.6 million, or \$61.53 per square foot, including a 30 percent inflationary factor. Since it will be four or five years before the building can be completed, it is believed the inflationary factor has to be realistic. We have indicated to the prospective donor that in the event the entire building cannot be funded, we are willing to seek matching or government funds.

Mr. Welles and President McBride reported that we also have extant several proposals for chairs and professorships.

Candidates for Degrees. Distribution was made of lists of candidates for degrees as recommended by the graduate and regular faculties at the meetings held on March 26, 1975 and April 16, 1975 respectively.

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 9, 1975

BACHELOR OF SCIENCE (MINING ENGINEERING)

Barnes, Alan Robert	Kolego, Henry Edward, Jr.
Beil, Steven James	Krum, Glenn Lee
Blais, Joseph Benedictus Emmanuel	Lawrence, Rodney Gene
Borer, Thomas H.	Leidich, Michael George
Bourquin, Bradley Jay	Matthews, George William
Charles, Thomas Goodier	McColm, Matthew Rowland
Coppa, Luis Valentine	Neuner, James Gerard, Jr.
Corcoran, Daniel Sean	Perry, James Robert
Couch, John Charles	Pilcher, Daniel Lee
Daggett, Paul Yves	Puls, George, III
Danio, Paul Eugene	Reitze, William Paul
Furnaguera Castellon, Jose Antonio	Rothman, Stephen G.
Gomer, William George	Salmon, Merlyn Leigh, Jr.
Green, Robert J.	Schissler, Andrew Patrick
Haskins, Laren S.	Steele, Henry Clinton, III
Hedlund, Robert Clark	Thiel, Matthew Anthony, II
Holbrook, Michael Lyle	Warfield, William Arthur
Hurt, Richard Dee	Wenger, William Martin
	Zeidler, Raymond Joseph, Jr.

May 8, 1975

ENGINEER OF MINES

Lombardi, John Anthony
McClenahan, Daniel Wayne

BACHELOR OF SCIENCE (METALLURGICAL ENGINEERING)

Bergeson, Bruce Raymond	King, Ian Ronald
Bohling, Richard Allen	Kuczek, Leroy Arthur
Bokan, Robert Dean	Lengerich, Ronald Edward
Bruce, David Edgar	Spring, Robert Jess
Craig, Charles F.	Whipple, Thomas Allan
Fix, John Douglas	Wilton, Larry Edward
Hodges, Gregg James	Zinn, Michael

BACHELOR OF SCIENCE (GEOLOGICAL ENGINEERING)

Bobigian, Richard Aram	Matson, Christopher Burton
Bozner, John Cyril	Mignogna, Cathy Diane Cutrell
Brazie, Mike E.	Mueller, Steven L.
Dillie, James	Robie, William Sturges
Ericksen, Stevan Douglas	Rohde, Edward Charles
Friend, Damian Craig	Rouse, James Parker
Hall, Dwight Lyman	Sharpe, Judith Cameron
Joseph, John Edwin	Ulen, Melody Ann
Klingensmith, Harvey Robert	Van Huffel, Gary Allen

GEOLOGICAL ENGINEER

Davis, Glenn Dale

BACHELOR OF SCIENCE (PETROLEUM ENGINEERING)

Borah, Michael Tracy	Pruitt, Randall Dean
Foxwell, Mark Steven	Reineke, Daniel Theodore
Kewin, Jeffrey Bliss	Roberts, Rodney Warren
Lambert, Steven Alan	Stone, Thomas Mel
Larsen, Kenneth Arnold	Truby, Charles Ward
McCarter, Michael Lee	Unger, Robert F.
McGonagill, Michael Lane	Uttecht, Gary William
Middleton, Allan Jennings	Vaughn, Gregory Allen
	Westerberg, Richard Edwin

PETROLEUM ENGINEER

Gelvin, Jon Charles

BACHELOR OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Abulaiha, Mohamed Saleh	Leinweber, Rex Olin
Albertson, Walter	Lindsay, John Douglas, III
Barker, Steven Andrew	MacIntyre, Curtis James
Baumberger, Joseph Gerard	McConnell, John Riley
Blake, Susan Carole	Mohn, Robert Norman
Breninger, Thomas Leroy	Mori, Gary Thomas
Briley, Ralph Albert	Poffenbarger, Gary Lee
Cuneo, Richard Thomas	Reno, Randall Hugh

RECORD OF PROCEEDINGS

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Cuneo, Robert John
Dash, Zora Vail
Freeman, Donald
Gaide, Roger Scott
Griswold, Charles Frederick
Jarrett, Frank William

Resh, Gary Robert
Romanyshyn, Peter Gregory
Schaub, Charles J.
Smith, Leslie Elliott
Wissbaum, Richard John
Yarbrough, Jerrald Ray

BACHELOR OF SCIENCE (GEOPHYSICAL ENGINEERING)

Adams, Duane Rodney
Anderson, Steven Spencer
Ash, David Williams
Brownlee, Keith Robert
Christensen, Ron Victor
Dewhurst, Warren Taylor
Garbee, Joseph J., Jr.
Hanson, Davis Roy

Klingensmith, Harvey Robert
Lee, Jess David
Muller, Wayne L.
Osborn, Kimmie George
Perkins, David Everitt
Sheehan, Kelly Michael
Scheidt, Lloyd Eugene
Weber, Anthony John

BACHELOR OF SCIENCE (MINERAL ENGINEERING - CHEMISTRY)

Criswell, Maria Mercedes
Elliott, Daniel Wayne
Fasso, Jeremiah Lee
Gladfelter, Wayne Lewis
Haver, Robert Thompson, Jr.
Johnson, Rowena RoseAnn

Lippitt, Clifford Rex
Marks, Randall Wayne
Nelson, Erik Bentley
Shipley, Randall Sherman
Tucker, Mark Fredrick
Wolke, Thomas Michael

BACHELOR OF SCIENCE (MINERAL ENGINEERING - MATHEMATICS)

Albers, Mark Alan
Bondurant, Ellen Joan
Cattany, Ronald Wayne
Coronado, Peter Jonathan
Davids, Noah Seth
Egdorf, Harry William, Jr.
Eggert, Douglas John
Fleckenstein, Roberta Rose
Fobes, Steven Dale
Kipp, Roger Clark
Koss, Frank Joseph

Larson, Robert Eric
Paul, Cynthia Sue
Pettit, Phillip Eugene
Sagrillo, Von Reed
Scheidt, Lloyd Eugene
Stoughton, Dean David-Hans
Vigil, Cynthia G.
Watson, Lynn Ann
Waugaman, James Craig
Wilson, Rodney Dean
Wissbaum, Richard John

BACHELOR OF SCIENCE (MINERAL ENGINEERING - PHYSICS)

Albers, Mark Alan
Allen, Steven Lynn
Chambers, David Lynn
Danielsen, Kay Lani
Douglas, Joseph Scott
Hoffman, John Russell

Hollister, Jack Herbert
Kinevan, Mark Talbott
Larson, Robert Eric
Lemley, Terry Lee
Sagrillo, Von Reed
Sauls, James A.
Underwood, John D.

BACHELOR OF SCIENCE (MINERAL ENGINEERING)

Gerrard, Roger Ian
Smith, Melinda Sue

RECORD OF PROCEEDINGS

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June 21, 1975

BACHELOR OF SCIENCE (MINING ENGINEERING)

Wilkie, David Kerr

BACHELOR OF SCIENCE (MINERAL ENGINEERING - PHYSICS)

Gerrard, Roger Ian

August 23, 1975

BACHELOR OF SCIENCE (MINING ENGINEERING)

Ackermann, Richard Ernst
Nielson, Roger Kent
Wagner, Eugene Lee

ENGINEER OF MINES

Roth, Douglas Warren

BACHELOR OF SCIENCE (METALLURGICAL ENGINEERING)

Lockett, Dennis Ray

BACHELOR OF SCIENCE (PETROLEUM ENGINEERING)

Hoke, David Ault
Pierce, Darryl Edward

BACHELOR OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Anderson, Arthur Charles

BACHELOR OF SCIENCE (GEOPHYSICAL ENGINEERING)

Coats, Jonathan Moreton
White, Billy Joe, Jr.

BACHELOR OF SCIENCE (MINERAL ENGINEERING - PHYSICS)

Rymes, Martin Dale

May 9, 1975

MASTER OF SCIENCE (MINING ENGINEERING)

Francisco Amaro-Gomez
Alan Richard Gadberry
Herzen Hernandez Garay

Edwin James Hodder, Jr.
Levent Ozdemir
Gerald Paul Zink

MASTER OF ENGINEERING (METALLURGICAL ENGINEERING)

Rogelio Manuel Rodriguez-Galindo

May 8, 1975

RECORD OF PROCEEDINGS

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MASTER OF SCIENCE (METALLURGICAL ENGINEERING)

Bruce Donald Craig	Dwight E. Hill
Oscar E. Delgado	William Mark Jordan
Juan Antonio Fuentes Montemayor	Norman J. Thompson
	Lytle Briggs Whitefield, III

MASTER OF SCIENCE (GEOLOGY)

David MacLean Abbott, Jr.	Victor David Kh. Rahmanian
Roland A. Connors	George F. Sanders, Jr.
Fred William Limbach	David Alan Shoffner
Stephen M. Nicolais	Paruhum H. Silitonga
Gary Leo Prost	Mark Steven Whitney
	Steven John Williams

MASTER OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Seng-trung Chou
Gholam Hossein Omid

MASTER OF SCIENCE (GEOPHYSICS)

William Henry Darken	Brian James McParland
Linda Marie Hadley	Andrew P. Morris, Jr.

MASTER OF SCIENCE (GEOPHYSICAL ENGINEERING)

Clement Olatunde Ajayi
William Henry Smith

MASTER OF SCIENCE (MATHEMATICS)

Charles W. Corcoran
Richard C. Walker

MASTER OF SCIENCE (MINERAL ECONOMICS)

William Pierrepont Bartow	Harley J. Earl, II
Thomas Joseph Comi	Thomas Joseph Holloran
Charles Patrick Costin	Ku Yuan-Kuo

DOCTOR OF PHILOSOPHY (METALLURGICAL ENGINEERING)

Bradford Clyde Schwartz

DOCTOR OF PHILOSOPHY (GEOLOGY)

Bruce Alan Collins

DOCTOR OF PHILOSOPHY (GEOPHYSICS)

Ahmet Ercan
Augusto Cesar Bittencourt Pires

DOCTOR OF PHILOSOPHY (GEOPHYSICAL ENGINEERING)

Kong-Sung Kwon

May 8, 1975

DOCTOR OF PHILOSOPHY (CHEMISTRY-METALLURGY)

Anita Sriyanti (Seng Nio Yap)

Faculty Health and Life Insurance Program. Mr. Scott reviewed the investigations made by the Faculty Personnel Committee into comparative costs and coverage of the present policy we have with Equitable Insurance Company and the State College Plan which is underwritten by the United Benefit Life Insurance Company. Affiliation with the State College Plan must be sought, but Mr. Scott felt certain we will be accepted if we apply. ✓

Upon statement from Mr. Scott that he had received satisfactory procedural and financial reports on the proposed new carrier, approval was given for the School to apply for admission into the State College Plan.

Audit Report. Distribution was made of an updated CSM Audit Recommendation Implementation Report which shows practically complete compliance with the recommendations of the Legislative Audit Committee. Mr. Scott said the Business Office had only become fully staffed in March and hereafter will be able to do the work required with funds provided. ✓

The Board members expressed themselves as being very pleased that we have been able to bring about such a high measure of compliance and were very complimentary to Mr. Scott for his effective administration which led to the resolution of long-standing problem areas. ✓

Financial Statements. Mr. Scott made available copies of the financial statement for the 1974 fiscal year.

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

CSM Investment Report. Mr. Scott reviewed the CSM Investment Report for April 30, 1975.

May 8, 1975

Mr. Scott asked for instructions on funds presently in Certificates of Deposit due to expire May 15, 1975. The consensus was that previous instructions should be modified to eliminate commercial paper, thus limiting investments at this time to CD's and these for short periods of time, such as ninety days.

Secretary

May 8, 1975

Return this
copy to Bernette.
Office Copy

RECORD OF PROCEEDINGS

Golden, Colorado
June 13, 1975

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

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

Absent: Mr. Eisenach.

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

Mr. Stockmar, President of the Board, presided.

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

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

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

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

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

June 13, 1975

RECORD OF PROCEEDINGS

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

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

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

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

Legislation.

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

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

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

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

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

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

June 13, 1975

RECORD OF PROCEEDINGS

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

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

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

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

June 13, 1975

Health and Recreation	\$ 54.50		
Associated Students	9.50		
Athletic	15.00		
Student Center	20.00		
	<u>\$ 79.00</u>		

Summer Session Field Courses

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

June 13, 1975

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

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

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

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

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RECORD OF PROCEEDINGS

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

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

Absent: Mr. Eisenach.

Mr. Stockmar, President of the Board, presided.

Also attending were President McBride and Dr. Alter.

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

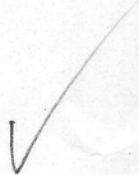
Election and appointment of officers of Board.

Appointment of representative to CSM Foundation Board.

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

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

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



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

Assistant Secretary

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RECORD OF PROCEEDINGS

Vail, Colorado
July 10, 1975

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

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

Absent: Mr. Eisenach.

Mr. Stockmar, President of the Board, presided.

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

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

Reports.

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

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

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

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

July 10, 1975

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

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

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

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

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

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

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

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

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

RECORD OF PROCEEDINGS

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

BE IT RESOLVED:

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

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

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

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

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

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

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

July 10, 1975

RECORD OF PROCEEDINGS

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

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

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

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

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

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

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

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

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

July 10, 1975

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

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

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

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

Time did not permit discussion of the proposed parameters.

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

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

Assistant Secretary

RECORD OF PROCEEDINGS

A-1

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

July 10, 1975

RECORD OF PROCEEDINGS

A-2

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

July 10, 1975

RECORD OF PROCEEDINGS

A-3

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

July 10, 1975

RECORD OF PROCEEDINGS

A-4

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

July 10, 1975

RECORD OF PROCEEDINGS

A-5

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

July 10, 1975

RECORD OF PROCEEDINGS

A-6

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

July 10, 1975

RECORD OF PROCEEDINGS

A-7

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

July 10, 1975

RECORD OF PROCEEDINGS

A-8

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

July 10, 1975

RECORD OF PROCEEDINGS

A-9

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

July 10, 1975