

RECORD OF PROCEEDINGS

4

Harold R. Chevront Registrar	\$19,300
W. John Cieslewicz Associate Professor of Humanities and Social Sciences and Associate Professor of Mineral Economics	18,360
L. Graham Closs Assistant Professor of Geology	17,280
Bernetta Conrey Departmental Assistant	18,200
W. D. Copeland Dean of the Graduate School and Professor of Metallurgical Engineering	36,200
Catharine S. Cross Librarian	16,500
Richard S. Culver Dean of Students and Associate Professor of Basic Engineering	29,500
Stephen R. Daniel Associate Professor of Chemistry	20,700
Joseph E. Davies Professor of Physical Education and Athletics	22,700
James Darden Associate Professor of Physical Education and Athletics	22,480
Richard H. DeVoto Associate Professor of Geology	23,700
Dean W. Dickerhoof Professor of Chemistry	23,300
Donald I. Dickinson Associate Professor of English	21,800
Philip F. Dickson Professor of Chemical and Petroleum- Refining Engineering and Head of Department	32,800
Glen R. Edwards Associate Professor of Metallurgical Engineering	24,030
Kenneth W. Edwards Associate Professor of Chemistry	18,250
Harry W. Emrick Associate Professor of Basic Engineering and Director of Continuing Education	29,700

RECORD OF PROCEEDINGS

5

Rudy C. Epis Professor of Geology	\$30,180
Elsie Christine Ericson Librarian	15,100
Robert R. Faddick Associate Professor of Basic Engineering	21,800
Donald W. Fausett Associate Professor of Mathematics	20,670
Carl A. Fawcett Director of Housing, Student Center, and Green Center	23,500
Joseph J. Finney Professor of Geology and Head of Department	31,050
Dale S. Foreman Professor of Basic Engineering	23,200
Robert H. Frost Instructor in Metallurgical Engineering	14,430
Charles O. Frush Associate Professor of Mining Engineering	19,140
James H. Gary Vice President for Academic Affairs and Dean of the Faculty and Professor of Chemical and Petroleum-Refining Engineering	48,000
Richard D. Gauthier Associate Professor of Basic Engineering	23,580
Donald W. Gentry Professor of Mining Engineering	26,400
Leanne Gibson Public Information Officer	16,400
James L. Giulianelli Visiting Assistant Professor of Chemistry and Geochemistry	15,750
John O. Golden Professor of Chemical and Petroleum- Refining Engineering and Director of Research Development	37,700
Michael S. Graboski Assistant Professor of Chemical and Petroleum-Refining Engineering	16,850
L. T. Grose Professor of Geology	29,300
Charles R. Groves Associate Professor of Basic Engineering	21,600

RECORD OF PROCEEDINGS

6

Stanley M. Guralnick Associate Professor of Humanities and Social Sciences	\$17,800
Raymond R. Gutzman Associate Professor of Mathematics	21,440
Frank A. Hadsell Professor of Geophysics	29,480
J. P. Hager Professor of Metallurgical Engineering	32,000
John W. Hancock Associate Professor of Physical Education and Athletics	20,710
Peter E. Hartley Assistant Professor of Humanities and Social Sciences	18,360
John D. Haun Professor of Geology	30,800
Douglas W. Hilchie Associate Professor of Petroleum Engineering	25,230
Carl L. Hiltrop Associate Professor of Chemistry	16,450
Anthony L. Hines Associate Professor of Chemical and Petroleum-Refining Engineering	22,000
John A. Hogan Associate Professor of English	20,560
Ralph C. Holmer Professor of Geophysics	28,600
Mathew J. Hrebar Assistant Professor of Mining Engineering	20,700
Joan R. Hundhausen Assistant Professor of Mathematics	16,800
William A. Hustrulid Professor of Mining Engineering	27,400
Robert M. Hutchinson Professor of Geology	23,450
William A. Ingels Budget Officer	21,000
J. Tracey James Assistant Professor of Physical Education and Athletic Trainer	16,400
Warren E. Jamison Associate Professor of Basic Engineering	22,680

RECORD OF PROCEEDINGS

7

Leonard L. Johnson Business Services Officer	\$20,700
Thys B. Johnson Professor of Mining Engineering and Head of Department	31,000
James G. Johnstone Professor of Basic Engineering	28,900
Leonard A. Kalal Associate Professor of Philosophy	21,250
Alexander A. Kaufman Associate Professor of Geophysics	24,400
Marvin L. Kay Associate Professor of Physical Education and Athletics and Head Football Coach	20,400
George V. Keller Professor of Geophysics and Head of Department	36,800
George H. Kennedy Professor of Chemistry and Head of Department of Chemistry and Geochemistry	25,350
Harry C. Kent Professor of Geology	30,980
Arthur J. Kidnay Professor of Chemical and Petroleum- Refining Engineering	26,400
John V. Kline Professor of Physics	24,320
Ronald W. Klusman Professor of Chemistry and Acting Director of the Office of Research Services	27,300
Charles Kohlhass Associate Professor of Petroleum Engineering	24,900
George Krauss AMAX Foundation Professor of Physical Metallurgy	30,500
William B. Law Associate Professor of Physics	21,370
Keenan Lee Associate Professor of Geology	22,880
Fred R. Leffler Associate Professor of Electrical Engineering	21,400

June 9, 1978

RECORD OF PROCEEDINGS

8

J. D. Lubahn Professor of Basic Engineering	23,900
George B. Lucas Professor of Chemistry	29,380
George Lynn Adjunct Professor as Conductor of the Glee Club	3,400
Patrick MacCarthy Assistant Professor of Chemistry	16,850
Barbara MacDonald Librarian	14,500
Earl K. Madsen Adjunct Associate Professor of Mineral Economics	3,250
Robert Mager Assistant Professor of Mathematics	16,100
Maurice Major Professor of Geophysics	31,900
Donald C. B. Marsh Professor of Mathematics	22,300
Scott J. Marshall Associate Professor of Basic Engineering	23,900
James W. Martin Professor of Basic Engineering and Acting Head of Department	28,200
Gerard P. Martins Associate Professor of Metallurgical Engineering	24,580
Warren J. Mason Director of Financial Aid	21,000
Jean P. Mather Professor of Mineral Economics and Head of Department	32,960
Frank Mathews Professor of Physics	25,000
David K. Matlock Associate Professor of Metallurgical Engineering	23,100
William A. Mattingly Assistant Professor of English	15,050
R. W. McAllister Associate Professor of Physics	23,720

RECORD OF PROCEEDINGS

9

Robert McCandless Assistant Professor of Physical Education and Athletics	18,300
Michael McGrath Chief Consultant, Computing Center and Associate Professor of Basic Engineering	24,200
Willa Meylink Instructor in Physical Education	14,600
C. Samuel Miller Associate Professor of Basic Engineering	20,550
B. J. Mitchell Grace Foundation Professor of Petroleum Engineering	26,240
John E. Mohn Accounting Officer	24,000
Fred E. Moore Professor of Geology	26,980
Charles S. Morris Director of Public Relations	23,000
Raymond K. Mueller Associate Professor of Mathematics	21,100
William M. Mueller Professor of Metallurgical Engineering and Head of Department	34,290
Karl R. Nelson Assistant Professor of Basic Engineering	19,300
Karl R. Newman Associate Professor of Geology	23,980
Judith O'Brien Personnel Officer	19,600
David L. Olson Professor of Metallurgical Engineering	25,100
Michael J. Pavelich Assistant Professor of Chemistry	17,700
Robert W. Pearson Business Manager, Department of Athletics	21,900
Anton G. Pegis Professor of Humanities and Social Sciences	27,400
Harry C. Peterson Professor of Basic Engineering	25,430
Alfred Petrick, Jr. Coulter Professor of Mineral Economics	25,840

June 9, 1978

RECORD OF PROCEEDINGS

10

Thomas Philipose Associate Professor of Humanities and Social Sciences	\$17,450
Hartley K. Phinney, Jr. Head Librarian	32,300
George R. Pickett Professor of Geophysics	29,000
Jon W. Raese Director of Publications	19,600
Robert T. Reeder Associate Professor of Mining Engineering	24,000
James M. Riddle Assistant Professor of Mining Engineering	20,410
Samuel B. Romberger Associate Professor of Geology	22,500
Philip R. Romig Associate Professor of Geophysics	22,300
Oded Rudawsky Associate Professor of Mineral Economics	22,800
Arthur Y. Sakakura Associate Professor of Physics	23,030
David W. Satterley Data Processing Officer	25,600
A. W. Schlechten Professor of Metallurgy and Director of the W. J.Kroll Institute for Extractive Metallurgy	34,070
William A. Schneider George R. Brown Professor of Geophysics	32,400
Franklin D. Schowengerdt Associate Professor of Physics and Head of Department	23,100
William Gordon Scott Vice President for Business Affairs	39,000
John M. Shannon Assistant Professor of Geology and Director of the Geology Museum	15,950
E. Craig Simmons Assistant Professor of Chemistry and Geochemistry	15,660
Maynard Slaughter Professor of Chemistry	25,300

June 9, 1978

RECORD OF PROCEEDINGS

11

E. Dendy Sloan Assistant Professor of Chemical and Petroleum-Refining Engineering	18,830
Margaret Smart Librarian	19,200
Gregory K. Staff Admissions Counselor	16,600
Fred G. Stair Librarian	12,500
Richard E. Stapp, Jr. Associate Professor of Physical Education and Athletics	20,000
Franklin J. Stermole Professor of Chemical and Petroleum- Refining Engineering	27,300
Richard Sudermann Director of Plant Facilities	28,500
Huntington S. Swanson Associate Professor of Mineral Economics	23,310
Robert J. Taylor Assistant Professor of Basic Engineering	21,150
Paul T. Treece Manager, Computing Center	21,000
John U. Trefny Assistant Professor of Mineral Engineering Physics	17,200
Robert H. Trent Instructor in Mining Engineering	24,840
David W. Trexler Associate Professor of Geology	22,750
A. Keith Turner Associate Professor of Geology	21,760
David M. Updegraff Professor of Geochemistry	24,800
Samuel E. Vandiver Professor of Humanities & Social Sciences and Head of Department	27,960
Robert A. Walsh Professor of Mathematics	25,700
Fun-Den Wang Professor of Mining Engineering and Head, Earth Mechanics Institute	29,100

RECORD OF PROCEEDINGS

12

Douglas W. Waples Assistant Professor of Chemistry & Geochemistry	15,880
Joseph C. Weber Assistant Professor of Mineral Economics	16,450
Patsy M. Wegner Director of Student Activities	16,400
Robert J. Weimer Professor of Geology	30,800
John G. Welles Vice President for Institutional Planning and Development	46,500
James E. White Professor of Geophysics	34,300
Thomas R. Wildeman Associate Professor of Chemistry	23,000
Beatrice E. Willard Professor of Environmental Science	24,300
John T. Williams Professor of Chemistry	29,880
Don L. Williamson Assistant Professor of Physics	17,500
Robert D. Witters Professor of Chemistry	22,150
Robert E. D. Woolsey Professor of Mineral Economics	30,100
Ching H. Wu Associate Professor of Petroleum Engineering	20,520
F. Richard Yeatts Associate Professor of Physics	21,300
Victor Yesavage Associate Professor of Chemical and Petroleum-Refining Engineering	22,360
A. William Young Director of Admissions	21,300
Thomas R. Young Adjunct Assistant Professor of Mining Engineering	3,250

Graduate Degree Designations. Dr. Copeland said it appeared desirable to the Chemistry and Physics Departments both to reduce the present very large number of interdisciplinary degree titles and to offer simpler and more conventional

June 9, 1978

titles the better to attract qualified doctoral students for research in the mineral and energy resource fields. The Graduate Council has for these purposes recommended that there be established the Ph.D. titles "Applied Chemistry" and "Applied Physics" and that all other interdisciplinary titles, which involve both these two departments and the Mathematics Department, be abolished. It is the administration's interpretation of CCHE guidelines that such action does not require CCHE approval, only reporting for information.

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

The Board of Trustees of the Colorado School of Mines resolves to establish the degree titles of:

Doctor of Philosophy (Applied Chemistry)
 Doctor of Philosophy (Applied Physics)

It is further resolved that all research associated with these degrees continue to be in the mineral and energy resource fields. It is further resolved to eliminate all present graduate degree titles with dual discipline designations.

Personal Liability of College Administrators.

President McBride reported to the Board a recent Colorado Supreme Court decision in a case of suit against an employee of RTD and RTD itself. The court ruled that because the suit was not filed until more than 90 days after the accident the company was not liable but the employee remained liable. This decision, coupled with recent difficulties in securing insurance excess coverage, brought the attention of the college presidents to the liability of administrators and Board members.

President McBride said at the present time there is only \$300,000 insured coverage per incident with no rider for extended coverage. The statewide extended coverage of \$1.5 million was cancelled as of the beginning of this fiscal year, and state efforts to replace it have failed.

He said he is reporting for information only at this meeting and that the item will be on the agenda for July, when more information will be available. It is thought that it may be desirable for the Board to adopt a resolution to cover persons sued outside the 90-day period. Mr. Stockmar was requested by the Chairman to investigate the matter from a legal standpoint.

Energy Field Institute. Mr. Welles reported on the plans for the Field Institute on Western Energy Opportunities, Problems, and Policy Issues to be held on July 23-28. The Institute is being jointly sponsored by the CSM and the Resources for the Future. There will be approximately 40 Congressional and executive aides from Washington, D.C. attending the meeting, which will focus attention on production and use of western energy resources. The program and field trips will attempt to provide background information of assistance in formulating national energy policy objectives.

RECORD OF PROCEEDINGS

14

American Indian Student Recruitment. Dean Culver reviewed the status of the program to recruit American Indian students. He spoke of the proposals prepared and submitted to several foundations known to be sympathetic to Indian causes. There has been little success in funding the program to date. He said also there is little interest shown by the persons in charge on reservations, due to their preoccupation with other needs to strengthen their governments and their capacity to manage their resources.

Mr. Maytag reminded the Board that the original understanding was to proceed with a recruitment program if funding could be found. Dean Culver said that thus far internal funds of approximately \$6,500 have been spent on the program.

It was the general consensus that perhaps the program should best be undertaken by other schools, such as the University of New Mexico, and that for the time being we should both accord any Indian applicants all due attention and hope that we can attract some Indian transfer and graduate students as a beginning of other Indian recruitment.

Keystone Meeting. Mr. Welles distributed second draft agendas for the meeting in Keystone on July 7-8, 1978.

Mr. Grynberg entered the meeting at this time.

Proposed Television Extension Courses. Dr. Albert Burke was introduced by Dr. Gary, who said that Dr. Burke is working as a member of the faculty on a proposal to make video tapes for use by schools and national television on natural resources, using the School as a base.

Dr. Burke made available copies of a proposal for a Resource Communication Center which he asked the Board members to read in the reasonably near future. Dr. Burke then showed examples of previous tapes he has produced in order to give the Board members an idea of what he wishes to do.

After the showing there was discussion on the part the School will play in such film making and the thematic notion around which articulation by Dr. Burke will be affected. It was suggested that, properly done, such tapes can affect image enhancement, be of great public service, and increase the pride of our alumni in their school.

Upon motion made, seconded, and passed the concept presented by Dr. Burke was approved, subject to plans for proper administrative control and a detailed budget. Dr. McBride was instructed to present both at the July meeting next.

The meeting adjourned at 11:30 a.m.


Secretary

RECORD OF PROCEEDINGS

Keystone, Colorado
July 8, 1978

The Board of Trustees of the Colorado School of Mines met in substitution of its regularly scheduled July meeting at Keystone Lodge, Keystone, Colorado on July 8, 1978. The Chairman, Mr. Steve Ruehle, called the meeting to order at 1 p.m.

Present were Messrs. Coors, Fogarty, Grynberg, Maytag, Ruehle, Schwartzberg, Stockmar, and Wilson.

Also present were President McBride, members of the administration, representatives of the Daily Transcript, and various guests.

Previous Minutes. The minutes of the meeting of June 9, 1978 were approved as distributed.

Faculty Appointments. Dr. Gary reported the following faculty appointment:

Thomas E. Kelley	\$15,000
Assistant Professor of Mathematics	

A brief discussion followed on the vacancies which are in the process of being filled.

Monthly Financial Reports. Mr. Scott offered the monthly financial reports. He explained that whereas the fiscal year had ended the previous Friday, the budget report reflected the status of the accounts as of date. Additional expenses are yet to be recorded against the FY 1978 budget, and it is anticipated that the School will complete the year within the appropriated funding. The monthly investment report was provided for the information of the Board, and the information in the time deposits category of the report was discussed.

Admissions Report. Dr. Gary reported to the Board on the status of admissions for fall 1978. He indicated that the desired number of new students was expected and that no further admissions would be offered other than to replace admittees who have withdrawn. Mr. Young, Admissions Officer, was asked to comment upon the characteristics of the admittees, and in response he indicated the following:

- The academic abilities of the entering class appear to be equal to those of recent classes.
- The School has reached a plateau upon which we will receive an estimated 1300 to 1400 applications per year.
- It is expected that there will be a higher percentage of out-of-state students in the new class.

July 8, 1978

RECORD OF PROCEEDINGS

2

- 16% to 17% of the new freshmen will be women, and 14% of the entire student body next year will be made up of women.
- Approximately 4% of the new students will be from recognized minority groups.

In response to a question, a brief discussion on reclassification as to residency for tuition status was held.

Personal Liability of College Administrators and Board Members. The present exposure of Board members and State employees to personal liability beyond that of the institution they represent was discussed. The Board of Trustees urged the administration to pursue the possibility of purchase of additional liability insurance to cover this risk. After further discussion, it was moved and seconded that the following resolution be adopted. Motion carried.

WHEREAS the Board of Trustees recognizes the need to protect its employees from liability arising out of the good faith performance of their duties so that those employees may feel free to serve the purposes of higher education, unburdened by undue personal risk, and

WHEREAS the Board of Trustees also acknowledges the Colorado Constitution's prohibition against a pledge of the credit of the State of Colorado by the Board.

NOW, THEREFORE, be it resolved:

1. When deemed appropriate the Board shall make its best efforts to satisfy judgments against its employees and members of the Board of Trustees incurred in the good faith exercise of their duties and to provide the cost of defense for such employees from funds under the jurisdiction of the Board and not committed to other purposes.

2. The Board hereby urges the adoption of legislation which adequately protects State employees from liabilities incurred within the scope of their employment.

Burke Proposal - Administrative Control and Budget. The discussion of the proposed public service video programming, which had begun during the Board meeting of June 9, was continued. A memorandum written by Mr. Welles to President McBride under date of July 5, 1978 was provided for use by the Board. It suggested the formation of an oversight committee and an advisory committee to evaluate the appropriateness of the programs produced and suggested a budget to initiate activities. A lengthy discussion followed during which the desirability of having trustee representation on the committees was analyzed. Attention was focused on the distinction between committee decisions on operational matters and the Board members' roles as policy makers.

July 8, 1978

Dr. Burke was asked to participate in the discussion. During this participation Dr. Burke mentioned the possible creation of one-minute commentaries of two sorts, the first being information editorial comments directed toward minerals and energy topics and the second being highly topical one-minute spots produced as a result of the occurrence of events of immediate national importance. A considerable discussion followed concerning the desirability of producing the latter.

The responsiveness of committees to the demands of possible scheduling needs was discussed at length.

It was moved and seconded that the proposals of the memorandum of July 5, 1978 for the administrative control of the public service video program and the budget be approved. Discussion followed. Mr. Welles pointed out that CSM has raised funds for filming the Energy Field Institute and suggested that there would be adverse reaction should we not be able to fulfill these obligations. Dr. Gary was asked whether first year programming was financially feasible should the revenue predicted from the one-minute "editorial" spots not be available. He replied that although it would restrict the money available to work with there would be sufficient funds to begin the program. Dr. McBride stated he would like to see the program have every opportunity to develop. Mr. Douglas Aab was asked for his comments from a student perspective concerning the program, and he both indicated enthusiasm for the project and suggested that in his opinion adequate review mechanisms could be employed prior to release for public broadcast should there be any questions about the material. The question was called; motion carried 4 to 3, Trustees Coors, Maytag, and Wilson voting in the negative. The function of the committees is open to Board review during the course of the video activities. President McBride, in response to Trustee comments and questions, stated for the record that in his view the proposed role of the committee should not be regarded as a violation of academic freedom.

Right of Way Matters. This item was postponed for discussion at subsequent meeting.

1978-79 Budgets for Auxiliary Enterprises. Mr. Scott presented the budgets and answered the questions raised by various Board members. It was moved and seconded that the budgets be adopted as presented.

Organization of Colorado Association of Governing Boards. Mr. Stockmar reported briefly on the Colorado Association of Governing Boards, which was formed during the months of May and June as a voluntary association to promote higher education. He mentioned his reservations about possible activities of the association and suggested that the Board carefully consider the statement of purpose proposed by the CAGB before adopting it. The adverse reaction of the legislative Interim Committee for Higher Education to the formation of the CAGB was discussed.

Old Buildings. Mr. Maytag mentioned that he had recently discussed CSM matters with Governor Lamm and that the Governor had seemed interested in the fate of our older

RECORD OF PROCEEDINGS

4

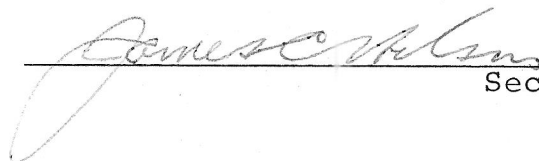
buildings, especially Chauvenet and Stratton Halls. A brief discussion followed concerning the commitments of record made concerning the possible future uses of those buildings.

HUD College Housing Loan. Mr. Grynberg mentioned that the Housing and Urban Development College Housing Loan Program was being reopened and urged the School to investigate. He was informed that the application was being prepared and would be submitted early in the week of July 10.

Executive Session. At the completion of the regular agenda, the Chairman asked the Board to enter into Executive Session to discuss personnel matters.

President's Salary. At the conclusion of the Executive Session, the Board reconvened in public session to consider the question of President McBride's salary for the 1978-79 academic year. Upon motion properly made, seconded, and passed unanimously the President's salary for 1978-79 was established to be \$55,000 with the added provision, as customary, that he be required under the terms of his employment to reside in the President's home at 1722 Illinois, Golden.

The meeting adjourned at approximately 4:00 p.m.


Secretary

July 8, 1978

RECORD OF PROCEEDINGS

Golden, Colorado
September 8, 1978

The Board of Trustees met in regular session at 9:00 a.m., September 8, 1978, in the Board Room.

Present: Messrs. Coors, Fogarty, Grynberg, Maytag, Ruehle, Schwartzberg, and Stockmar. Absent: Mr. Wilson.

Also present were President McBride, Vice-Presidents Gary, Scott, Welles, various staff and faculty members, a representative of the press, and guests.

The co-editors of the 1978 Prospector distributed copies to the members of the Board prior to the meeting and received both the thanks of the Board and the Board's compliments on a timely and effective job.

Mr. Schwartzberg presided.

Previous Minutes. The minutes of the meeting held on July 8, 1978 were approved as corrected.

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

Vincent W. Anderson Visiting Professor of Basic Engineering	\$24,500
Gary C. Cochell Visiting Assistant Professor of Mathematics	13,500
Cheryl K. Rofer-DePoorter Visiting Adjunct Assistant Professor of Chemistry	7,750
Gerald L. DePoorter Visiting Adjunct Assistant Professor of Chemistry	9,750
Robert F. Drake Visiting Assistant Professor of Chemistry and Geochemistry	16,000
Robert D. Knecht Visiting Assistant Professor of Chemical and Petroleum-Refining Engineering	16,000
Mark W. Ljungvall Instructor in Basic Engineering	13,000
Stephen M. McKenna Instructor in Basic Engineering	13,500

RECORD OF PROCEEDINGS

2

Dave Ray Schmitz Assistant Professor of Mathematics	\$15,000
E. T. Woodburn Visiting Kroll Professor of Metallurgical Engineering	9,000

Reappointments have been made as follows:

Larry J. Buchanan Part-time Instructor in Geology	8,000
Jay D. Burch Visiting Instructor in Physics	13,000
Norma F. Law Adjunct Assistant Professor of Mathematics	13,500
Virginia A. McGinnis Assistant Museum Curator	11,880

Dr. Gary reported that additional part-time staff will be added as necessary.

Dr. Gary also reported that Professor Charles O. Frush, Associate Professor of Mining Engineering, will be on leave without pay for the 1978-79 academic year; and Dr. George R. Pickett, Professor of Geophysics, will be on leave without pay for the fall semester of the 1978-79 academic year.

Dr. Gary indicated that a search is being conducted for a department head for the basic engineering department and for other permanent employees in several departments.

In response to a question, Dr. Gary replied that we were authorized at 185.7 FTE for the fiscal year, of which 174 FTE will be employed during the regular academic year. The utilization of part-time faculty results in the employment of approximately 200 individual faculty members. A brief discussion followed concerning the source and availability of the visiting faculty members.

Financial Reports. Financial reports were presented by Mr. Scott. The current monthly statement, the monthly investment summary, a final 1978 budget summary, and a summary of changes in fund balances for the 1978 fiscal year were distributed.

A brief discussion followed concerning our relationship with the Colorado State Auditor's office.

Enrollment Report. Dr. Gary presented a summary of the fall enrollment and said that it was expected the budgeted enrollment number of 2646 headcount would be met or exceeded this term. He expressed the desire to enroll a slightly

RECORD OF PROCEEDINGS

3

greater number of students this fall than budgeted due to the large number of December graduates expected. A brief discussion followed concerning the possible misinterpretation of a news report on CSM fall enrollment (a copy of the news release in question was made available for review).

1980 Trustee Planning Conference. Discussion was held as to the desirability of returning to Keystone for the conference, as weighed against the desirability of meeting elsewhere in the state. The possible public relations value of meeting at various locations was discussed and compared to the convenient location of Keystone and the demonstrated competence of the staff. It was moved and seconded that Keystone be designated the location of the 1980 Planning Conference. Motion carried.

Construction Report. Mr. Scott reported that the addition to the Arthur Lakes Library was complete and had been occupied. Work is progressing in the original portion of the building, with the complete structure expected to be ready for use by January 1979.

The Ben H. Parker Student Center dining room and kitchen are in use. The snack shop/I Club is expected to be available next week, with the new meeting rooms and student offices to be completed by early October.

The new dormitory is on schedule. Some difficulty is being encountered with the brick work. However, it is expected that the west building will be ready for occupancy in January 1979.

A Quitclaim Easement Deed granting the City of Golden a right-of-way for Elm Street over the portion of land owned by the School at the corner of Nineteenth and Elm had been prepared by the Office of the Attorney General. A brief discussion followed. It was moved and seconded that the President of the Board of Trustees be authorized to execute the deed in behalf of the Colorado School of Mines. Motion carried.

Core Curriculum Study. Dr. Gary reported that a study was begun last year by a faculty committee on the functions and content of the courses required in the core curriculum. It was thought that such a study would be complementary to the work being conducted on the profile of the future graduate. The work of the former committee will continue during 1978-1979. Discussion was held. The primary object was stated as being a desire to ensure that a specific quantity and quality of basic information was transmitted to the students in the core courses.

Meeting Date Changes. The date for the March, 1979 meeting was changed from the scheduled March 9 to Friday, March 2. The time of the November 10, 1978 meeting

RECORD OF PROCEEDINGS

4

was changed to 1:00 p.m. Chairman Schwartzberg invited the Trustees to use the opportunity to visit the campus on the morning of November 10 and have lunch with students or faculty members.

At 10:20 a.m. Chairman Schwartzberg recessed the meeting. At 10:35 a.m. the meeting was reconvened.

Brown Hall. Mr. Lamar Kelsey, architect for Brown Hall, presented background information on the planning process for the structure, discussed the various factors which have influenced the design of the structure, and presented the schematic designs for approval. Discussion followed. It was moved and seconded that the schematic designs for Brown Hall be approved. Motion carried. Special commendation was offered the architect for the excellence of his work.

The meeting adjourned at 11:45 a.m.


Acting Secretary

RECORD OF PROCEEDINGS

Golden, Colorado
October 13, 1978

The Board of Trustees met in regular session at 9:00 a.m., October 13, 1978, in the Board Room, following a presentation by the staff of the Petroleum Engineering Department on the departmental program.

Present: Messrs. Coors, Fogarty, Grynberg, Maytag, Schwartzberg, Stockmar, and Wilson.

Mr. Ruehle was not present because of illness.

Mr. Stockmar presided.

Also attending the meeting were President McBride, Vice Presidents Gary, Scott, and Welles, various staff members and a representative of the press.

Previous Minutes. The minutes of the meeting held on September 8, 1978 were approved as distributed.

CCHE Meeting. Mr. Schwartzberg reported on a meeting called by the chairman of the CCHE in response to a widely-distributed letter from the Governor expressing concern over salaries and salary raises for college and university presidents--which in the Governor's opinion are excessive. Mr. Schwartzberg stated there seemed to be unanimous agreement among the representatives of the governing boards present both that the setting of salaries for the college and university presidents was the prerogative of the governing boards and that the salaries being paid were not out of line either with those for corresponding levels of responsibility or with those of other organizations of similar size and budget.

Mr. Schwartzberg stated that the group recognized that in fact control in the last analysis is exercised over such salaries by the JBC, and further that Mines has certainly not exceeded JBC expectations; rather Mines has been more conservative than some other institutions.

Mining and Mineral Resources Institute. President McBride reported that notice has been received that Mines is one of twenty institutions which will share \$5.4 million in federal money under a provision of the Surface Mining Control and Reclamation Act of 1977. Mines will receive \$110,000 in start-up administrative costs and \$160,000 in scholarship and fellowship funds for the year beginning September 29, 1978. The program will be administered within the Mining and Mineral Resources Institute, and a major objective of the program is "to contribute to a comprehensive nationwide program of mining and mineral research having regard for the protection and conservation of the environment."

Faculty Appointments. Dr. Gary reviewed the number of new appointments and reappointments to the faculty as follows:

October 13, 1978

RECORD OF PROCEEDINGS

2

Frederick B. Bart Instructor in Humanities and Social Sciences	\$15,000
Betty Jo Cannon Instructor in Humanities and Social Sciences	15,000
JoAnn T. Hackos Part-time Instructor in Humanities and Social Sciences (fall semester)	5,625
David L. Hector Associate Professor of Basic Engineering	22,500
Mary L. Larsgaard Librarian	16,500
Harry I. McHenry Adjunct Assistant Professor of Metallurgical Engineering	no compensation
Paul S. Pederson Part-time Instructor in Mathematics (fall semester)	4,000
H. Gary Pippin Visiting Assistant Professor of Chemistry and Geochemistry	15,200
Raj Sharma Part-time Instructor in Chemical and Petroleum-Refining Engineering	3,000
Edmond W. Smathers Adjunct Assistant Professor of Basic Engineering	22,500
Craig W. Van Kirk Associate Professor of Petroleum Engineering	22,500
Kent J. Voorhees Assistant Professor of Chemistry and Geochemistry (spring semester)	8,750
Cooper Wayman Adjunct Senior Lecturer in Environmental Science	no compensation
Reappointments -	
Richard Bain Visiting Assistant Professor of Chemical and Petroleum-Refining Engineering	no compensation
Marcy M. Barge Part-time Instructor in Mathematics	4,000

October 13, 1978

RECORD OF PROCEEDINGS

3

Charles W. Berry Adjunct Professor of Mineral Economics (fall semester)	\$1,650
Albert E. Burke Visiting Professor of Geology	35,000
Samuel S. Goldich Adjunct Professor of Geology (fall semester)	1,000
Charles F. Griswold Part-time Instructor in Chemical and Petroleum Refining Engineering	6,250
Asa'ad A. Mubarak School Physician and Head of Medical Department	19,740
George T. Sisson Laboratory Assistant in Department of Chemistry and Geochemistry	1,333.33 mo.
Catherine A. Skokan Adjunct Assistant Professor of Geophysics	7,750
David G. Wirth, Jr. Adjunct Associate Professor of Metallurgical Engineering (fall semester)	1,800

Monthly Financial Reports. Mr. Scott made available copies of reports as follows: Budget Report as of September 30, 1978; Investment Summary as of October 10, 1978; and the CERI Budget as of September 30, 1978. Mr. Scott said his staff continues to experiment with additional reports in an effort to give the Board more information in a manner which will be helpful but not cumbersome.

Mr. Stockmar reported that the CSM Foundation committee on investments will be meeting within the next week or two to review investments for the Foundation and reminded the Board members that the committee is also charged with responsibility for CSM investments. He added that as of the present time there is still a leaning toward the maintenance of a strong cash position.

Enrollment. Dr. Gary reviewed the final enrollment figures, calling attention to the stability of the total number of new students even though the total enrollment has risen. Selected figures are:

RECORD OF PROCEEDINGS

4

Total students	2690
Total males	2314
Total females	376
Percentage residents	70.4
Percentage n/r	29.6
Undergraduates	2085
Graduate students	481
Non-degree students	124
Foreign students	248
Total new students	737

In answer to a question from President McBride, Dr. Gary reported that there is an item in the 1979-80 budget request of \$100,000 to increase the freshman sciences laboratory space to a total of approximately 600 stations, thus to permit increasing new student intake and the achieving of the desired 3000 enrollment.

In answer to a question from Mr. Maytag, President McBride stated that a preliminary study had been made as requested by the Legislature on the effect of charging foreign students full-cost tuition. The subject has not been a matter of active interest on the part of the Legislature or other institutions during the past year, but the report remains at hand should interest be revived.

Colorado Energy Research Institute. President McBride introduced Mr. Martin Robbins, Director, who was in attendance to give the Board the first of periodic general reports on the Institute. He reviewed the mission, the goals, and some of the questions which are becoming evident, e.g. as a provider of information and policy research can the role of apparent advocate be avoided? Mr. Robbins said CERI has been striving to maintain objectivity but feels that there will be a natural consequence, particularly in some cases, of information provided resulting in conclusions drawn.

Mr. Robbins reported at some length on the educational aspects of the CERI program and expressed confidence in the aim of the program to provide Colorado with leaders in the energy fields. He said the Institute staff is initiating a program to follow up on previous and present holders of scholarships to determine the success of the program.

Following brief discussion of certain financial house-keeping details, the following resolution was adopted:

WHEREAS, the Colorado Department of Administration, Division of Accounts and Control, has issued Fiscal Rules dated January 1, 1978; and

WHEREAS, Chapter Seven, Section 1.12.04 of the said Fiscal Rules defines Department Director as including "the principal persons authorized to act for the governing Boards of Institutions of Higher Education"; and

RECORD OF PROCEEDINGS

5

WHEREAS, further provisions of the said Fiscal Rules empower the Department Director to act in behalf of the Governor of the State of Colorado in contract matters; and

WHEREAS, the Board of Trustees of the Colorado School of Mines has, upon the interpretation of the State Assistant Attorney General, deemed the Colorado Energy Research Institute is a part of the Colorado School of Mines for the benefit and use of the Colorado Energy Research Institute; and

WHEREAS, it is deemed desirable for the Director of the Colorado Energy Research Institute to be empowered to act as Department Director in those contract matters directly affecting the Colorado Energy Research Institute but limited to lease and/or building maintenance agreements; equipment and service procurement contracts under \$2,000; research consulting agreements under \$10,000, and further that in all other contracts for the use and benefit of the Colorado Energy Research Institute; the President of the Colorado School of Mines shall act as Department Director. Therefore be it:

RESOLVED, by the Board of Trustees of the Colorado School of Mines, that the Director of the Colorado Energy Research Institute, or in his absence, the Deputy Director, hereby be designated as the principal person authorized to act for the Board in matters of contract which directly affect the operations and mission of the Colorado Energy Research Institute; but limited to lease and/or building maintenance agreements; equipment and service procurement contracts under \$2,000; research consulting agreements under \$10,000 and further, that in all other contracts for the use and benefit of the Colorado Energy Research Institute, the President of the Colorado School of Mines shall act as Department Director.

President McBride asked the members of the Board how often they wish to receive a report on the activities of CERI. It was the consensus that a yearly report will be appropriate but that time will be given to policy questions as they arise.

Future Graduate, Profile. Dr. Rex Bull entered the meeting to give a report on the future graduate study since the July Keystone meeting. He said the report had been modified as a result of the Keystone conference and that the amended report was the main topic of the faculty conference held on August 28, 1978. Since that time a new committee has been elected, and a target date of February 1979 has been set for the final report. A beginning of implementation planning by April 1979 is hoped for.

Dr. Hunter Swanson, a member of the committee who was attending the meeting, asked the Board members to have lunch with members of the faculty committee before the November 10 meeting of the Board (which has been changed to begin at 1:00 p.m.). Several individual Board members expressed a desire to do so.

October 13, 1978

RECORD OF PROCEEDINGS

6

Presidential Professorship. President McBride reported that work has begun on the selection of the next Presidential Professor. In answer to a question, he said enrollment in classes taught by the present Presidential Professor has not been up to expectation, but this was in part due to our handling of the new appointment and enrollment can be expected to increase during the second semester.

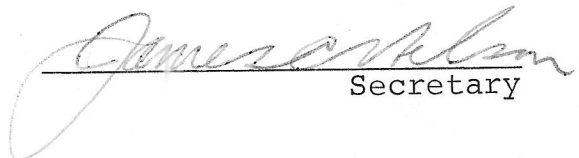
Selection of Medalists. President McBride asked for directions on preparations to be made for the selection process for 1979 recipients of medals. After some discussion, it was agreed that the procedure will remain as in previous years with President McBride heading a working committee to report to the Board sub-committee, which may at discretion then review all nominee files before the full Board receives the original or amended report.

Colorado Association of Governing Boards. Mr. Stockmar asked the Board for instructions on the matter of Mines' attitude toward and membership in the CAGB. As an example of the actions of the core membership of CAGB, Mr. Stockmar reported that he had received a copy of a "draft paper" bearing the name of Mr. Gordon Scott as one of the "preparers" when in fact Mr. Scott had not attended the meeting at which the paper had been prepared. Mr. Stockmar has agreed to host a meeting of CAGB in his office at which time the main item on the agenda will be the governance of higher education in Colorado.

There followed a discussion of whether an organization such as being discussed and formulated will best serve higher education in Colorado and whether such an organization will best serve the Colorado School of Mines. Reference was made to the request of CAGB, relayed to the July 14 meeting of the Mines Board, that the Board approve and subscribe to the charter and bylaws of CAGB. On motion properly made and seconded, the Board declined to do so, thus indicating its judgment that CAGB as now formulated does not serve the best interests of higher education generally or of CSM in particular.

The Board further expressed a desire to let the record show that it is appreciative of the interest and support shown by the legislative and executive branches of the State of Colorado and does not in any way wish adversely to affect the existing relationships.

The meeting adjourned at 11:30 a.m.


Secretary

RECORD OF PROCEEDINGS

Golden, Colorado
November 10, 1978

The Board of Trustees met in regular session at 1:00 p.m., November 10, 1978 in the Board Room of the Colorado School of Mines.

Present: Messrs. Coors, Fogarty, Maytag, Schwartzberg, Ruehle, Stockmar, and Wilson.

Absent: Mr. Grynberg.

Mr. Wilson presided.

Also attending the meeting were President McBride, Vice Presidents Gary, Scott, and Welles, various staff members and a representative of the press.

Previous Minutes. The minutes of the meeting of October 13, 1978 were approved as distributed.

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

Caroline Stoessinger	\$4,000
Adjunct Associate Professor of Humanities and Social Sciences	
Glenn E. Handwerk	500
Adjunct Professor of Chemical and Petroleum-Refining Engineering (fall semester)	

Monthly Financial Reports. Mr. Scott made available copies of CSM Investment Summary as of November 7, 1978, the CERI Budget as of October 31, 1978, the newly-revised Consolidated Board Report as of October 31, 1978, and the Budget Report, CSM, as of October 31, 1978.

Rotating Chairmanship. Mr. Wilson stated he had this item on the agenda because he did not know the origin of the concept; although he likes the idea he felt he needed more information on it. Mr. Stockmar gave a brief history of the origin and stated as President of the Board he is satisfied with rotation of the chairmanship which also allows the scheduled chairman to place on the agenda items in which he has a particular interest. However, he noted that he had reserved the right, as President, to place necessary items on the agenda.

Mr. Coors said he liked the rotation because it required each Trustee to get more personally involved, at least when his turn came to chair the meeting.

No change was made.

RECORD OF PROCEEDINGS

2

Mining and Mineral Resources Institute. President McBride recalled that at the last meeting word had just been received that \$270,000 will be available from the Department of the Interior under the Surface Mining Control and Reclamation Act of 1977. Time had not permitted full details at that time, but Dr. Wang and Dr. Gary are now able to give more information.

The program funded by this award will be called the Mining and Mineral Resources Research Institute and will be under the direction of Dr. Fun-Den Wang. The staff will come primarily from our faculty, with a few persons from the faculty of CSU. The purpose of the Institute is "... to plan and conduct and/or arrange for a component or components of the college or university with which it is affiliated to conduct competent research, investigations, demonstrations, and experiments of either a basic or practical nature, or both, in relation to mining and mineral resources and to provide for the training of mineral engineers and scientists through such research, investigations, demonstrations, experiments, and training...".

Dr. Wang explained the details of the program, saying that there will be \$160,000 available for fellowships and scholarships in addition to the \$110,000 for administration. Dr. Copeland spoke to the subject of scholarships and fellowships available under the program and said that the selection process will begin next spring for entrance in the fall of 1979.

ROTC. Colonel Howe was in attendance to bring the Board up to date on the ROTC program. As approved by the Board at the meeting on April 7, 1978, entering freshmen were allowed to choose between a freshman Basic Engineering course and a Military Science course. Of entering freshmen, 478 chose Military Science, and since only nine enrolled in the Basic Engineering course, the BE course was cancelled and the nine are presently in the Military Science course.

Colonel Howe said the sophomore enrollment is 160 and the junior enrollment is eight. He said, however, the staff reduction has been rescinded and we shall still have six officers on the staff next year. It was confirmed that we have been released from evaluation, and it was noted the military staff is making great efforts to recruit students into ROTC.

Recruiting into upperclass status has been seriously hampered by student perception of conflict with career requirements, particularly conflict with the required officers' basic training course.

Capital Construction Budget, 1979-80. Mr. Scott had made available copies of the Capital Construction Budget Request and summarized the needs for the 1979-80 fiscal year. He called attention to specific items such as the amount of \$1,266,000 which represents our best judgment of the amount necessary to provide accessibility of facilities to handicapped students. Attention was also called to the amount of \$100,000 requested for planning boiler plant conversion. There was some discussion on this conversion but it was agreed generally that the School should assume a leadership role in the use of coal in this coal producing state.

Aside from the capital construction budget, Mr. Schwartzberg expressed concern on the low level of engineering faculty salaries due to the fact we cannot convince the legislature of our need for a standard engineering budget. He said other universities in the state with engineering departments can use their large liberal arts divisions to average out salaries paid to engineering staff, but we cannot do that due to the small number of non-engineering faculty.

Budget Hearing. President McBride reported that the CSM budget hearing will be on December 7 at a time not yet specified. Mr. Schwartzberg expressed the hope that all members will be able to attend because he thought the large attendance last year demonstrated the great interest and concern.

Alumni Futures Conference. Mr. Welles reported on the conference held on October 20 among the representatives of the Alumni Association, the CSM Foundation, and the Board and administration of the CSM. The purpose of the conference was to chart the future of the Mines Alumni Association and to consider in what ways the ties and the cooperation among the three organizations affect this future.

Mr. Welles noted that it was a useful meeting conducted in a spirit of goodwill to explore how best the organizations can serve the School and the alumni and what functions should be performed. Mr. Welles said a committee was to be appointed to continue the work began that day.

Associated Students Incorporation. President McBride stated that the minutes of the Board meetings show that in May of 1933 the Board sanctioned the request of the student body to incorporate. The incorporation had elapsed through inadvertance, and the present student body officers wish to again file incorporation papers.

Upon motion made, seconded, and unanimously passed the Board reaffirmed the earlier endorsement of the incorporation of the Associated Students of the CSM, but did not approve the details of the papers presented, leaving that duty to proper administrative officials.

Interim Financing. Mr. Scott distributed a schedule (copy attached) of estimated cash requirements for building projects through August 1979 which showed deficits of \$78,090 for December, \$267,077 for January, etc. totaling approximately \$809,000 for the period ending next March.

Mr. Scott said the request for support was presented to the CSM Foundation Board on November 7. After some discussion there, the request was tabled pending discussion by this Board as to its attitude toward these cash obligations. The CSM Foundation Board wished the Trustees to take cognizance of the near term pressure on its available funds. It has been pointed out that if the CSMF commits the entire \$288,000 unrestricted funds it now holds, all other projects without specific support must be denied funding.

RECORD OF PROCEEDINGS

4

There was considerable discussion of the causes and effects of the present problem with financing and methods of handling it.

Mr. Maytag suggested that the administration be requested to begin negotiations immediately with Boettcher and Company for the \$800,000 specifically, with the understanding that the funds will have to be "rolled over". He suggested also that for the approximately \$600,000 negotiations should begin with banks for a loan and we should consider pledging whatever is available to pledge.

It was moved, seconded, and unanimously passed that the CSM Board make known these two plans to the CSMF Board, and Mr. Scott was instructed to begin the negotiations proposed.

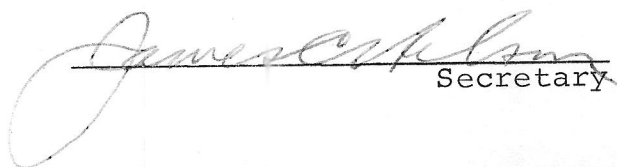
Mr. Stockmar appointed a committee to study the problem and make recommendation for approval of Board. The committee is made up of Mr. Scott, Mr. Stockmar, Mr. Coors, and someone to be appointed from the CSMF by Mr. James Link, President.

Colorado Association of Governing Boards. Mr. Stockmar reported on a meeting held in his office on November 9 last of representatives of other college and university boards, who are attempting to form an organization. He said as instructed at the last meeting, he had declined to commit our Board to any formal organization but had tried instead to encourage cooperation on an informal basis. Mr. Stockmar said he had made a strong statement that it was a mistake to form an adversary organization and if the group insisted upon forming such an organization he would come back to this Board and totally disavow it. Mr. Stockmar said he had told them we will cooperate on an informal basis in the exchange of information but not on a basis antagonistic toward CCHE and the legislature.

ATO. Mr. Scott reported that the Attorney General has filed a motion to dismiss the lawsuit against the School filed by ATO and noted further that condemnation proceedings are progressing with a hearing for immediate possession set for December 15. Mr. Stockmar recommended to all that, as in any other lawsuit in which one is involved, no comment should be made.

It was pointed out that the home association is the entity filing the lawsuit and that we have no quarrel with the ATO members. It appears to be a matter of the home association not recognizing as long as 15 years ago the problem of adequate housing for the fraternity with due regard to the long-range plans of the School. It was generally regretted that individual fraternity members are being forced to vacate their house without satisfactory alternatives.

The meeting adjourned at 3:45 p.m.


Secretary

Revised November 8, 1978

SCHEDULE OF ESTIMATED CASH REQUIREMENTS

<u>Project</u>	<u>Total</u>	<u>1978</u>												<u>1979</u>		
		<u>Spent thru 9/30</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>August</u>		
Land Acquisition Brown Hall	520,000		225,000	255,000	40,000											
Library Addition	394,500	90,274	28,362	22,173	241,857	11,834										
Dorm Equity Construction Draw Balance for Equity	679,000 800,000					215,243	180,224	283,533								800,000
<u>Total</u>	<u>2,393,500</u>	<u>90,274</u>	<u>28,362</u>	<u>247,173</u>	<u>496,857</u>	<u>267,077</u>	<u>180,224</u>	<u>283,533</u>								<u>800,000</u>
<u>Available Resources</u>																
CSMF Allocated	408,790	90,274	28,362	247,173	42,981											
CSM Local Gift	375,786				375,786											
<u>Total</u>	<u>784,576</u>	<u>90,274</u>	<u>28,362</u>	<u>247,173</u>	<u>418,767</u>											
<u>Unfunded</u>	<u>(1,608,924)</u>															
Does not include \$288,000 potentially available from CSMF.																
																(800,000)
																(78,090) (267,077) (180,224) (283,533)

RECORD OF PROCEEDINGS

Golden, Colorado
December 8, 1978

The Board of Trustees met in regular session at 9:00 a.m., December 8, 1978 in the Board Room of the Colorado School of Mines.

Present: Messrs. Coors, Fogarty, Ruehle, Stockmar, and Wilson.

Absent: Messrs. Grynberg, Maytag, and Schwartzberg.

Mr. Coors presided.

Also attending the meeting were President McBride, Vice Presidents Gary, Scott, and Welles, various staff members and a representative of the press.

Previous Minutes. The minutes of the meeting held on November 10, 1978 were approved as distributed.

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

P. Stanley Jacobsen	\$ 500
Adjunct Associate Professor of Mining Engineering (fall semester)	
W. Richard Moore	8,750
Assistant Professor of Geology (spring semester)	
Robert J. Weimer	
Getty Professor, effective 1978-79 academic year	

Monthly Financial Reports. Mr. Scott made available the CERI Budget Report as of November 30, 1978, CSM Budget Report as of November 30, 1978, CSM Investments Summary as of December 5, 1978, and the Consolidated Board Report for the five months ending November 30, 1978. This last report has been revised in an attempt to provide more useful information.

Admissions Report. Dr. Gary reviewed the admissions report as of December 1, 1978, saying we are receiving approximately the same number of applications as this time last year but we are processing them a little faster.

Acceptance of Class on December 21, 1978. Mr. Stockmar asked Mr. Coors to accept the class on behalf of the Board at the mid-year graduation on December 21. Mr. Coors agreed to do so.

Alumni House. President McBride reported receipt of a letter from Mr. Don Craig, President of the Alumni Association, in which Mr. Craig mentions possible future use of

RECORD OF PROCEEDINGS

2

Chauvenet Hall by the alumni group. Mr. Craig made no request at this time but stated he will submit recommendations in the future. The Board instructed President McBride to acknowledge the letter and to advise the Alumni Association it will give due and proper attention to such recommendations when and if made.

ATO. Mr. Stockmar stated that since the termination of negotiations with ATO we have received a number of letters from that organization. He stated it should be very clear that we ought not respond to these letters, for negotiations are now between counsel. Asked if the administration is permitted to suggest possible further housing alternatives to the ATO organization, Mr. Stockmar said this is permissible through counsel.

Tax-Sheltered Annuity. Mr. Scott reported that the faculty Personnel Committee has made an investigation into insurance companies which offer the tax-sheltered annuities to institutions of higher education and is recommending that the Travelers Insurance company be added to the list of three others available to faculty and classified personnel.

Upon motion made, seconded, and passed, the Board of Trustees amended the existing policy with regard to tax-sheltered annuities, as set forth in the minutes of the Board meeting of November 12, 1976, by adding "Travelers Insurance Company" following TIAA/CREF in Line 23.

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 November 1, 1978 and November 15, 1978, respectively.

Upon motion made, seconded, and unanimously passed, the following were approved to receive the indicated degrees on December 21, 1978, subject to the completion of all academic requirements and continued compliance with school requirements and regulations.

BACHELOR OF SCIENCE (MINING ENGINEERING)

Abshire, James Ruric
Baldwin, Arthur Christian
Bilbas, Richard John
Boyd, Ronald Mark
Gates, Leslie Allen
Gibson, Donald Gene
Hagfors, John
Hartman, Karl Arthur
Hissen, John Thomas
Holfelder, Kurt, Jr.
Link, Thomas Gordon
Maddocks, Clark Murray

McDonnell, John Patrick
Nordlander, Douglas Mark
Norred, Michael Neil
Pace, Bradley Drake
Pitts, Randy Thomas
Puttuck, Leslie Victoria
Rampton, Frank Cyrus
Schaefer, Morris John
Wadsworth, Terry Allen
Williamson, Richard Varnell
Wood, Carl Douglas
Wood, Mark Howard

RECORD OF PROCEEDINGS

3

BACHELOR OF SCIENCE (METALLURGICAL ENGINEERING)

Bender, Lloyd Wayne	Marts, Ken P.
Bokan, Sharon Lynn	McDaniel, William "Scott"
Fronapfel, Thomas James	Moore, Harold Allen, II
Jolk, Richard William	Nichols, Richard D.
Lanning, Bruce Roy	Roth, John George, II
	Vandezande, Joseph Alan

BACHELOR OF SCIENCE (GEOLOGICAL ENGINEERING)

Baker, Dale Eugene	Meaux, Duane Edward
Bartels, Edward Roy	Mikesell, Tony Frank
Brandon, Douglas Ronald	Pieters, Dennis Anthony
Coffman, Bryan Scott	Poole, Loren Douglas
Decker, Albert David	Schneider, Rhys David
Denman, Todd Austin	Scott, Robert Bruce
Goodrich, Janice Dayle	Sturgis, George Andrew, Jr.
Klein, Wendy Anne	Sutherland, Robert Bruce
Knapp, Thomas Aitchison	Swartz, Sonia
Martin, Laurence Gene	Tower, Chris Dee

BACHELOR OF SCIENCE (PETROLEUM ENGINEERING)

Ahmad, Tariq Imran	Reinart, Michael Rae
Apande, Emmanuel Alobwede	Sotack, Gary Paul
Dern, Michael James	Stoddard, Thomas Fred
Harris, Billy Wayne	Walker, Eric John
Johnson, Raymond David	Westgaard, Michael Arden
Pease, Mark L.	Willie, David Lee

BACHELOR OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Bloomstran, Mary A.	Johnson, Jeffrey Jay
Broacha, Earuch Firoze	Marques, Anthony D.
Cleary, Jay Dee	Norman, Barry Wade
Clouse, Frank Duane	Powers, Kim Dwight
Conrad, David Eugene	Rinehart, Richard Jay
Finlay, Howard Bradley	Sisk, Susan Diane
Graeme, William Scott	Stefansen, Jeff Bryant
	Willard, Harry Lee

BACHELOR OF SCIENCE (GEOPHYSICAL ENGINEERING)

Bergman, Christian Robert	Osantowski, Dennis L.
Boyce, Richard Grigg	Peterson, Robert James
Gilmore, Gerald Cary	Silk, William Anthony, Jr.
Krudwig, Mark Carleton	Stewart, Duff Clinton

GEOPHYSICAL ENGINEER

Silk, William Anthony, Jr.

BACHELOR OF SCIENCE (MINERAL ENGINEERING CHEMISTRY)

Armstead, Catherine Ellen

BACHELOR OF SCIENCE (MINERAL ENGINEERING MATHEMATICS)

Ruebush, John Charles

RECORD OF PROCEEDINGS

4

BACHELOR OF SCIENCE (MINERAL ENGINEERING PHYSICS)

Havens, Roy John
Haynie, Kenneth Clare

Meine, William Frederick
Pompea, Daniel John
Walgrove, George Robert, III

BACHELOR OF SCIENCE (MINERAL ENGINEERING)

Barton, Nathan Alan
Cohen, David L.
Elkington, Robert Scott
Green, Dana Frank

Hurd, Jarvis Davis
Samitier, Antonio Johanet
Techentien, Bruce W.
Williams, Rebecca Dechant
Witte, Steven Joseph

MINERAL ENGINEER

Welsh, Lee Ann

MASTER OF SCIENCE (MINING ENGINEERING)

Hanna, Kanaan
Heydari, Mir Nassir

MASTER OF SCIENCE (METALLURGY)

Powell, John Walter

MASTER OF SCIENCE (METALLURGICAL ENGINEERING)

Bates, Donald A.
Carmona N., Enrique L.
Indacochea B., Jorge Ernesto
Jones, Kevin David

Kustas, Frank Mark
Leach, Peter William
Materkowski, James Paul
Obermeyer, Henry Karl
Schupmann, R. Gordon

MASTER OF SCIENCE (GEOLOGY)

Aranda-Gomez, Jose Jorge
Gallagher, James Russell Lowell
Langston, David James
Lindstrom, Linda Jane

Mergner, Marcia
Robinson, James E.
Ruiz de la Pena Horcasitas,
Gerardo
Turner, Dennis L.

MASTER OF SCIENCE (PETROLEUM ENGINEERING)

Lebsack, James S.

MASTER OF SCIENCE (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Dharmawardhana, Paathiyage
Bennett
Hegarty, Michael Joseph
Kavianian, Hamid Reza

Ponte, Diogenes Macias
Serce, Mustafa
Sondergard, Steven Eric
Tabah, George Tangwan

MASTER OF ENGINEERING (GEOPHYSICAL ENGINEER)

Lin, Kuo-An

RECORD OF PROCEEDINGS

5

MASTER OF SCIENCE (GEOPHYSICS)

Andersen, Henrik Toft
Bremner, Douglas Lloyd
Buchanan, Paul Clarence
Handley, George E.
Miller, John J.
Story, Kenneth R.
Welsh, Elliston Robert
Zeisloft, Timothy D.

MASTER OF SCIENCE (GEOPHYSICAL ENGINEERING)

Brown, David Wayne
Erickson, Daniel S.
Kalwihura, Stephen Joseph

MASTER OF SCIENCE (GEOCHEMISTRY)

Halla, Marilyn Margaret
Peterson, Michael John
Rozelle, John W.
Zuccaro, Bruce

MASTER OF SCIENCE (MATHEMATICS)

Moldenhauer, Philip Alan

MASTER OF SCIENCE (PHYSICS)

Goebel, George Robert
Killian, Kendrick L.

MASTER OF SCIENCE (MINERAL ECONOMICS)

Besozzi Bruschi, Lucia M.
Briceno Ramirez, Pablo Jose
Egbert, Darryl John
Everhart, Douglas Leslie
Harr, Cynthia J.
Henderson, James R.
Martin, Randall Kenneth
Rivero Acosta, Arturo Jose
Steckley, Robert C.

DOCTOR OF PHILOSOPHY (METALLURGY)

de Matos, Marcelo

DOCTOR OF PHILOSOPHY (METALLURGICAL ENGINEERING)

Rising, Thomas Leonard

DOCTOR OF PHILOSOPHY (CHEMICAL AND PETROLEUM-REFINING ENGINEERING)

Chang, Oliver Kwein-Ren
Knecht, Robert Douglas
Omid, Gholam-Hossein
Phelps, Robert E.
Thakkar, Vasantkumar Pragji

DOCTOR OF PHILOSOPHY (GEOPHYSICS)

Peterson, Steven Douglas

DOCTOR OF PHILOSOPHY (MINERAL ECONOMICS)

Hutabarat, Hamonangan
Malhotra, Depak
Rogers, S. Phillips
Taylor, Graham C.

RECORD OF PROCEEDINGS

6

JBC Hearing. President McBride reported that we had made our annual budget presentation to the Joint Budget Committee on December 7. Copies of the presentation material were made available. President McBride stated he regarded budget preparation and presentation as one of the most important tasks handled by the administration and indicated that it is taken very seriously by him and by the staff, who each has different responsibilities in discharging this obligation. He stated he hoped the Board members will have the time to read the written budget presentation.

Mr. Welles reviewed some of the specific questions raised by JBC members at the hearing, i.e. "Is there an adequate student loan program so that students from lower income families can attend? (in connection with the discussion of possible tuition increases)"; "Why is there such a high faculty and staff FTE assigned to the Athletic Department?"; "How well do transfer students perform?"; "Are students aware of the subsidy by the state?". Mr. Welles said he planned to address the last question.

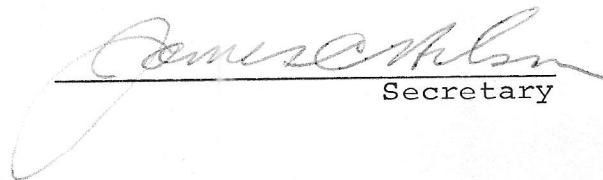
Interim Financing. Mr. Stockmar, discussing the immediate cash flow problem, reviewed the fact that the CSM Foundation Board took no action on appropriating funds to meet the immediate needs pending a commitment from the CSM Board regarding its intentions on meeting the shortfall. Mr. Stockmar said the committee formed to study the problem has yet taken no action to borrow funds. Mr. Coors repeated his willingness to sign a note, and Mr. Stockmar said he will proceed with negotiations with a Denver bank for the money.

Relationship of CSM-CSMF. There followed a general discussion of the relationship between CSM and CSMF. Mr. Stockmar stated that even though the CSMF exists for the sole purpose of furthering the aims and purposes of the School, under Colorado statute the Foundation must be recognized as a completely separate organization. He said we (the Trustees) do have in place a Gifts Committee whose function is to make sure that the School does not accept any gift that is inconsistent with the School's obligations and missions. He said, however, that many gifts whose purpose and account assignment are unclear come into the Foundation and that he recommends also that the CSMF appoint a Gifts Committee. The possible desirability of a single committee composed of representatives of both boards was mentioned.

The communications problem was discussed, and Mr. Wilson suggested it would be helpful to the CSMF Board if an extended long-term agenda of needs is established to furnish that board with a sense of direction. There seemed to be a lack of an over-all view, especially by members of the Foundation board who are not members of this Board.

Quarterly joint meetings were suggested, and this proposal met with approval.

The meeting adjourned at 10:45 a.m.


Secretary